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April 7, 2010

Mr. Joseph T. Martella II, Senior Engineer
RIDEM Office of Waste Management
Site Remediation Program
235 Providence Street
Providence, RI 02908

RE: Data Summary Report
Mashapaug Cove Groundwater Investigation
Former Gorham Manufacturing Facility
333 Adelaide Avenue, Providence, Rhode Island
MACTEC Project No. 3650050041.22

Dear Mr. Martella:

This letter summarizes the recently completed installation of monitoring wells and the collection of groundwater samples from the Mashapaug Cove area of the former Gorham Manufacturing Site in Providence, RI. The objective of this investigation was to complete the delineation of the groundwater contamination at the Site and refine the conceptual site model (CSM). Based on the results of this investigation, the characterization of groundwater has been completed and Textron, Inc. requests that a meeting be scheduled with the Rhode Island Department of Environmental Management (RIDEM) to review the groundwater data and confirm the path forward to close out the investigation phase for this Site.

BACKGROUND

Prior investigations conducted at the Site identified a groundwater plume of volatile organic compounds (VOCs) originating at the former Building W (approximate location of the former Stop & Shop gas station) near Adelaide Avenue (Figure 1). This plume primarily consisted of tetrachloroethene (PCE) and its degradation products and was found to have migrated downgradient towards Mashapaug Cove. Sediment investigations of the Mashapaug Inner Cove in 2006 identified a suite of VOCs similar to that detected in the upland area groundwater (MACTEC, July 2006). Between 2007 and 2008 a supplemental groundwater investigation was conducted in response to the findings of the indoor air and soil vapor investigations within the retail complex (MACTEC, December 2007 and May 2008). These investigations identified additional VOCs in the groundwater and two potentially new source areas immediately south of

the retail complex extending down to Mashapaug Cove (MACTEC, May 2008). Compounds detected in groundwater in order of decreasing concentrations included 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), PCE, 1,1-dichloroethane (1,1-DCA), and cis-1,2 dichloroethene (cis-1,2-DCE). Concentrations of other chlorinated compounds and benzene, toluene and, ethylbenzene were substantially lower than the chlorinated compounds specifically identified above.

The horizontal and vertical extent of these chlorinated VOCs within the upland area of the Site had already been delineated, but had not been delineated within the Inner Cove. Further work was also required to characterize the interaction between the groundwater and cove sediment in order to further refine the CSM. Further groundwater investigations were proposed in work plans dated December 2008 and October 2009 consistent with the response to comments on the July 2006 Supplemental Site Investigation Report. This supplemental groundwater investigation was conducted between December 2008 and February 2010 to complete the delineation of chlorinated solvents and other VOCs in groundwater upgradient and within Mashapaug Cove and to refine the CSM.

SITE PREPARATION ACTIVITIES

A work plan was submitted to RIDEM on December 12, 2008 for the Mashapaug Cove groundwater investigation and a supplemental work plan was submitted to RIDEM on October 14, 2009 to include additional investigation areas. MACTEC Engineering and Consulting, Inc. (MACTEC) contacted Dig-Safe to mark underground utilities prior to conducting these investigations. In addition, MACTEC distributed written notification of the proposed work to RIDEM, the Site abutters, stakeholders and building owner/occupants on December 9, 2008 and again on October 9, 2009 prior to conducting the field work. These notifications were issued in both English and Spanish.

WORK ACTIVITIES CONDUCTED, GROUNDWATER INVESTIGATION

MACTEC and its subcontractor, Pine & Swallow Environmental Associates, Inc, of Groton, Massachusetts, conducted vertical profiling of groundwater at fourteen locations across the Site (Figure 2, DP-A thru M, and DP-1) using a vibratory hammer and 2-inch microwell. Four locations were within the Inner Cove (Figure 2, DP-E thru G and DP-I), nine along the Cove shoreline (Figure 2, DP-A thru D and DP-H), and one immediately downgradient of the retail complex (DP-1). Please refer to Table 1 for a summary of the investigation activities completed.

At each sampling location, groundwater samples were collected beginning at the water table at 5 foot intervals as the geoprobe was advanced downward.

Immediately after driving the microwell to the desired interval a water level measurement was taken and the well developed using an inertial pump to remove silt and fine sand that may have entered through the well screen slots. At least three well volumes were removed from the well until the extracted groundwater was free of sediment. Groundwater samples were then collected using new dedicated polyethylene tubing at each sample interval. All re-usable sampling equipment was decontaminated between each interval and location by rinsing with methanol and distilled water. A more detailed description of the vertical profiling is presented in Appendix A.

The groundwater samples were field screened with a photo-ionization detector (PID) and analyzed in an on-site laboratory for VOCs using a gas chromatograph (GC). Table 2 includes the results of the groundwater analytical profiling activities.

These data were used to confirm the horizontal and vertical extent of the VOCs in groundwater and also to determine the location of the newly installed monitoring wells (and the vertical well screen intervals) that can be used for future groundwater monitoring, as necessary. The newly installed wells are listed on Table 1 (MW-231 through MW-237) and their locations are presented on Figure 2. Vertical profiling and well construction logs are presented in Appendix A.

Five couplet wells (MW-231 S/D, MW-232 S/D, MW-235 S/D, MW-236S/D, and MW-237 S/D) and one individual well (MW-233) were installed along the southern shoreline of the Inner Cove. One triplet well (MW-234 S/I/D) was installed behind the existing retail complex. These fourteen groundwater monitoring wells were developed by Pine & Swallow using pump and surge techniques with a check valve and ½" high density polyethylene (HDPE) tubing. Locations of the new monitoring wells were determined with GPS. Top of casing elevations were surveyed by MACTEC with a level using an existing benchmark ('X' cut on the fire hydrant between the retail complex and the school, elevation = 67.39 ft). See Table 3 for top of casing elevations for the new monitoring wells and existing monitoring wells, which were sampled during this investigation.

The fourteen new wells (MW-231S/D, MW-232S/D, MW-233, MW-234S/I/D, MW-235S/D, MW-236 S/D, and MW-237 S/D) and two existing wells (MW-230S/D) were sampled using U.S.

Environmental Protection Agency (USEPA) low-flow sampling methodology between November 30 and December 2, 2009. These groundwater samples were submitted under a chain-of-custody for off-site laboratory analysis of VOCs (EPA Method 8260B). Field data records for groundwater sampling are included in Appendix B. In addition, the water levels in the new wells and twenty-seven existing wells on site were measured to verify groundwater flow directions at the Site. See Table 3 for groundwater elevations in the existing and new monitoring wells.

In addition to the geoprobe groundwater investigation and sampling and analysis of groundwater from monitoring wells, six diffusion bag samplers were placed along the shoreline of the Inner Cove (Figure 2, DB-01 thru DB-06) to characterize VOC impacts in shallow near-shore groundwater. These samplers were deployed to determine if there was evidence of near-shore migration of contaminated groundwater to surface water at the Inner Cove. Locations for the diffusion bag samplers were based on the groundwater profiling results and set approximately 10-feet out from the shoreline. Prior to deployment the diffusion samplers were placed inside a protective canister screen made of 2-inch diameter slotted polyvinyl chloride (PVC) with a pointed tip and screw-off top. The protective canister was then pushed into the Inner Cove sediment to a depth of 18-inches. The diffusion bags were left in place for approximately three weeks to allow equilibration between the shallow groundwater and the water in the diffusion bags. The diffusion bags were installed on November 12, 2009 and groundwater samples were collected from these bags on December 02, 2009. The diffusion bags and canisters were then removed from the Cove sediment. The groundwater samples were then submitted under chain-of-custody to an off-site laboratory for VOC analyses (USEPA Method 8260B).

Groundwater investigations conducted in November/December 2009 indicated that VOCs were still present in the groundwater in the northern portion of Parcel C along the shoreline of the Mashapaug Inner Cove. In order to further assess this area MACTEC attempted to locate 6 historic groundwater monitoring wells for redevelopment and groundwater sampling. These six wells included MW-C, MW-D, MW-E, MW-F S/D and MW-111D, as shown on Figure 2. It was determined that only three wells could be located, salvaged and developed. These wells (MW-C, MW-D and MW-FS) were redeveloped using a pump and surge technique on February 1, 2010. Groundwater monitoring wells MW-E and MW-FD had either been removed or destroyed during prior site construction, while MW-111D was obstructed approximately 10 feet below the ground surface and could not be cleared without a drill rig. Well development logs are presented in Appendix C.

MACTEC mobilized on February 12, 2010 to sample the three monitoring wells. MACTEC sampled MW-C, but in attempting to purge groundwater from MW-FS we found that it was now obstructed and could not be cleared and sampled. The material obstructing MW-FS subsequently caused an equipment failure; MACTEC returned to the Site on February 19, 2010 to collect the groundwater sample from MW-D. Sampling of these two wells was conducted using USEPA low-flow sampling methodology and the groundwater samples were submitted under chain-of-custody for off-site laboratory analysis of VOCs (EPA Method 8260B). On February 19, 2009 the depth to groundwater was also measured in these two monitoring wells and in monitoring wells MW-235S/D, MW-236S/D, MW-237S/D and MW-231S/D (Figure 2).

RESULTS

The Pine & Swallow data report for on-site geoprobe investigation and mobile lab analysis of vertical profile samples are presented in Appendix A. The off-site analytical lab reports for the groundwater samples are found in Appendix D. Table 2 summarizes the December 2008 to February 2010 groundwater data by presenting each groundwater interval result (vertical profiling data) and the groundwater monitoring well data based on the geoprobe/monitoring well location and the corresponding depth below groundwater. These groundwater data completed the horizontal and vertical delineation of impacted groundwater at the Site.

Groundwater Flow

Gauging of the groundwater levels at 41 wells located on Site was conducted in December 2009 and additional gauging of 6 wells in the northern corner of Parcel C area was conducted in February 2010. The groundwater elevation data presented in Table 3 confirm that groundwater flow is north-northwest towards the Mashapaug Inner Cove with Adelaide Avenue as the groundwater divide for the Site. The depth to groundwater was observed to be approximately 22 to 26 feet below ground surface (bgs) in the upland area and 2 to 5 feet bgs along the shoreline flowing in a northwesterly direction. The gradient is approximately 0.004 feet/feet. The groundwater flow direction and gradient are consistent with previous observations presented in Figure 4.36 of the July 2006 Supplemental Site Investigation Report prepared by MACTEC.

Groundwater Data 2006 - 2010

In order to fully represent the horizontal and vertical extent of groundwater VOC contamination at the Site we have combined the data from several sediment and groundwater investigations

conducted between 2006 and 2010. These data are presented on Figures 3 through 10 for the four primary VOCs (1, 1, 1-TCA, PCE, TCE and cis 1, 2-DCE) detected in the shallow (water table) and deep groundwater, respectively. These data include the sediment data collected by MACTEC in 2006 (Supplemental SIR dated July 2006), Building W source area groundwater data collected by ENSR in 2008 (February 2008 Source Area Delineation Report), groundwater data collected by Shaw in September 2009 (August and September 2009 Status Report) and MACTEC's groundwater investigations conducted between 2008 and 2010.

As indicated in the legend of these figures, each groundwater and sediment sample location is identified. A blue circle indicates the compound is not detected in groundwater. A yellow circle indicates the compound is detected in groundwater and the size of the circle indicates relative concentration. For sediment, a blue triangle indicates the compound is not detected and a yellow triangle indicates the compound was detected. The detected concentration in milligrams per kilogram (mg/kg) is included with the sample identification number. These figures also outline the approximate horizontal boundary of the groundwater plumes for each of the four compounds in both the shallow (water table) and deep depths.

Potential Groundwater Plumes

Based on review of the 2006 – 2010 data, it appears that there are three identifiable VOC groundwater plumes on Site. They include the PCE plume originating from the former Building W area, a 1, 1, 1-TCA and TCE plume originating immediately south of the retail building and a historic PCE/TCE plume from the fill material in the northwestern corner of Parcel C. All of these plumes extend into the Mashapaug Inner Cove. The Building W groundwater plume also extends east towards the railroad line and was successfully treated using in-situ chemical oxidation to lower the contaminant concentrations. The horizontal extent of these plumes is shown on Figures 3 through 10.

Conceptual Site Model

Reviewing the Site data collected between 2006 and 2010 has refined the CSM for contaminated groundwater flow in the upland area and discharge into Mashapaug Inner Cove. The groundwater divide for the Site is the area of Adelaide Avenue with flow towards the north-northwest into the Inner Cove. The on-going degradation of the PCE/TCE and 1, 1, 1-TCA has also been confirmed within the Site boundaries.

Shallow groundwater in the upland area is approximately 20 feet bgs and is almost entirely capped by paved parking and buildings. Chemical oxidation of the former Bldg W source area successfully reduced the mass and concentrations of VOCs, but inhibited the anaerobic degradation of PCE/TCE immediately downgradient from the source area. The anaerobic conditions are re-established further downgradient as the shallow groundwater plumes from Building W and south of the retail complex co-mingle and migrate north-northwest towards the Inner Cove.

Of note, the last three rounds of sampling by Shaw have confirmed that MW-216S/D are non-detect for VOCs, while MW-217S/D has very low concentrations of VOCs and is on the western edge of the Building W plume. This plume has been delineated both vertically and horizontally.

The shallow groundwater also has a vertical component such that the Building W PCE plume and its degradation products have migrated to a depth of 65 feet below the water table on the north side the retail building at MW-234D (90 feet bgs). Both the Building W and TCA/TCE plumes are merging and migrating to a similar depth of 65 feet below the water table (70 feet bgs) at the shoreline (MW-232D). The downgradient limit of TCA, PCE and TCE in the deep groundwater is in the middle of the Inner Cove (DP-E) where degradation products, including DCE, extend out to the boundary of the Inner and Outer Cove. This confirms that once the groundwater reaches the Inner Cove there is an upward gradient such that the plume discharges into the Inner Cove through the sediment and into the surface water. As reported in the July 2006 SSIR, surface water collected at the sediment-surface water interface was essentially non-detect for VOCs confirming complete natural attenuation of the VOCs within the Inner Cove; the highest concentration detected was 11 micrograms per liter (µg/L) for cis 1,2-DCE. The east to west channel in the Inner Cove (approximately 4 foot depth of water) also appears to influence the upward migration of the comingled plumes into the surface water. The diffusion bag sample and sediment sample results together confirm that this discharge of groundwater is occurring towards the middle of the Inner Cove.

The Parcel C PCE/TCE plume appears to originate in the fill material in the northwest corner of Parcel C and flows primarily towards the Inner Cove. This plume appears to have originated as a PCE release and has been degrading into DCE/vinyl chloride. The highest reported concentration of contaminants in this plume are in the shallow groundwater at the Inner Cove shoreline (MW-236S (TCE = 1,070 µg/L and cis 1, 2-DCE = 88 µg/L) at 10-15 feet below the water table. Low

concentrations of PCE/TCE and DCE were found in MW-C and MW-D. TCA was also found in the shoreline monitoring well and vertical profile points, but at trace levels (1 µg/L) and is not associated with Parcel C. The shallow groundwater plume appears to discharge through the sediment near the east-west channel of the Inner Cove.

The vertical delineation of this plume extends to a depth of approximately 40 feet below the water table based on the shoreline vertical profiling and monitoring well data. Historic data for the MW-111D and MW-FD (Figure 2) in the northwest corner of Parcel C did not identify any VOC concentrations in deep groundwater.

CONCLUSIONS

Based on the Site data collected between 2006 and 2010 three groundwater plumes have been identified and the horizontal and vertical extent of groundwater contamination has been delineated. The CSM has also been refined for the three groundwater plumes at both the shallow and deep groundwater intervals and their discharge through Inner Cove sediment. These data also confirmed that these VOC plumes are undergoing biodegradation and are contained within Mashapaug Cove.

PROPOSED ACTIONS

The groundwater investigation has now been completed for the Site. Textron would like to schedule a meeting with RIDEM to review this data, the plume delineation and provide a more detailed presentation of the Site data and CSM. Based on these discussions, Textron and RIDEM can plan a path and schedule forward for groundwater remediation.

Sincerely,
MACTEC Engineering and Consulting, Inc.

David E. Heislein
Project Manager

Michael Murphy
Senior Principal Scientist

Attachments: Tables 1-3
Figures 1-10
Appendix A Pine & Swallow Environmental Limited Subsurface Investigation Report
Appendix B Groundwater Sampling Records
Appendix C Parcel C Well Development Records
Appendix D ESS Laboratory Reports

cc: T. Deller, City of Providence
R. Mack, EA Engineering, Science, and Technology
G. Simpson, Textron, Inc.
Knight Memorial Library Repository
MACTEC Project File

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Tables

Table 1. Summary of Vertical Profiling
Data Summary Report
Mashapaug Cove Groundwater Investigation
Providence, Rhode Island

ID	Location	Activities
DP-E	Inner Cove	• Vertical profiled to 65' bgs.
DP-F	Inner Cove	• Vertical profiled to 50' bgs.
DP-G	Inner Cove	• Vertical profiled to 55' bgs.
DP-I	Inner Cove	• Vertical profiled to 50' bgs.
DP-J	Cove Shoreline	• Vertical profiled to 68' bgs.
DP-L	Cove Shoreline	• Vertical profiled to 50' bgs.
DP-M	Cove Shoreline	• Vertical profiled to 49' bgs.
MW-231 (DP-B)	Cove Shoreline	• Vertical profiled to 90'bgs. • Installed couplet wells based on mobile lab results. One shallow (15'-25'bgs) and one deep (30'-40').
MW-232 (DP-H)	Cove Shoreline	• Vertical profiled to 87'bgs. • Installed couplet wells based on mobile lab results. One shallow (30'-40'bgs) and one deep (60'-70').
MW-233 (DP-A)	Cove Shoreline	• Vertical profiled to 82' bgs. • Installed one well (32'-42'bgs) based on mobile lab results.
MW-234 (DP-1)	Downgradient of the retail complex	• Vertical profiled from 60' -115' bgs. • Installed three wells based on mobile and historical lab results. One shallow (22'-32' bgs), one intermediate (55 -65' bgs), and one deep (80'-90' bgs).
MW-235 (DP-K)	Cove Shoreline	• Vertical profiled to 50' bgs. • Installed couplet wells based on mobile lab results. One shallow (5'-15'bgs) and one deep (25'-35'bgs).
MW-236 (DP-D)	Cove Shoreline	• Vertical profiled to 79' bgs. • Installed couplet wells based on mobile lab results. One shallow (5'-15'bgs) and one deep (25'-35'bgs).
MW-237 (DP-C)	Cove Shoreline	• Vertical profiled to 49' bgs. • Installed couplet wells based on mobile lab results. One shallow (5'-15'bgs) and one deep (30'-40'bgs).

Prepared by: MAM
Checked by: DEH

Table 2. December 2008 - November 2009
Mobile Laboratory Data and
November 2009 through February 2010 Laboratory Analytical Data
Data Summary Report
Mashapaug Cove Groundwater Investigation
Providence, Rhode Island

			RIDEM GB Criteria		--		--		7		2,800		2,400		--		3,100		110		540		150	
Sample Date	Base Loc ID	Field Sample ID	Sample Depth	Units	1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethane		Chloroethane		cis-1,2-Dichloroethene		Tetrachloroethene		trans-1,2-Dichloroethene		Trichloroethene		Vinyl Chloride	
11/30/2009	MW-234S	GWMW234S	22-32 ft	UG/L	1060	D	166	D	37.1		1	U	3.1		100	D	2.6		0.4	J	489	D	0.5	J
11/9/2009	DP-1	DP-1-60-65	60-65 ft	UG/L	61		31		25		5	U	50	U	57		0.6	J	8.2		620		1	U
11/30/2009	MW-234I	GWMW234I	55-65 ft	UG/L	8.5		4.2		13.4		1	U	2	U	22.1		1	U	0.8	J	20.8		0.6	J
11/9/2009	DP-1	DP-1-65-70	65-70 ft	UG/L	5		3.7	J	3.1		5	U	50	U	11		1	U	3.6	J	120	D	1	U
11/9/2009	DP-1	DP-1-70-75	70-75 ft	UG/L	0.5	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1.9		1	U
11/9/2009	DP-1	DP-1-70-75 DUP	70-75 ft	UG/L	0.6	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1.8		1	U
11/9/2009	DP-1	DP-1-75-80	75-80 ft	UG/L	0.5	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.8	J	1	U
11/9/2009	DP-1	DP-1-80-85	80-85 ft	UG/L	0.7	J	0.8	J	12		3.3	J	50	U	92		1	U	7.8		190	D	1	U
11/9/2009	DP-1	DP-1-85-90	85-90 ft	UG/L	3.2		4.7	J	28		9.2		50	U	240	D	0.7	J	13		170	D	0.4	J
12/2/2009	MW-234D	GWMW234D	80-90 ft	UG/L	12		3.7		19.6		0.2	J	2	U	97.9		1	U	4.3		23.2		2.7	
11/9/2009	DP-1	DP-1-90-95	90-95 ft	UG/L	1.5		1.5	J	7.6		4.2	J	50	U	68		0.6	J	5.1		11		1	U
11/9/2009	DP-1	DP-1-95-100	95-100 ft	UG/L	1.2		1.6	J	0.9	J	5	U	50	U	8.3		0.6	J	3.5	J	9		1	U
11/9/2009	DP-1	DP-1-100-105	100-105 ft	UG/L	0.3	J	5	U	1	U	5	U	50	U	3.9	J	1	U	5	U	0.5	J	1	U
11/9/2009	DP-1	DP-1-105-110	105-110 ft	UG/L	0.3	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1		1	U
11/9/2009	DP-1	DP-1-110-115	110-115 ft	UG/L	0.4	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.5	J	1	U
12/19/2008	DP-A	DP-A-2-5	2-5 ft	UG/L	0.3	J	5	U	0.6	J	5	U	50	U	3.9	J	0.6		3.3	J	0.5		7.9	
12/19/2008	DP-A	DP-A-7-12	7-12 ft	UG/L	0.4	J	1.7	J	1	U	5	U	50	U	5	U	0.6		5	U	0.6		19	
12/19/2008	DP-A	DP-A-12-17	12-17 ft	UG/L	0.5		5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.5		1	U
12/19/2008	DP-A	DP-A-17-22	17-22 ft	UG/L	1.8		5	U	1	U	5	U	50	U	5	U	0.6		5	U	0.6		1	U
12/19/2008	DP-A	DP-A-22-27	22-27 ft	UG/L	1.5		5	U	1	U	5	U	50	U	5	U	0.6		5	U	0.5		1	U
12/19/2008	DP-A	DP-A-27-32	27-32 ft	UG/L	0.9	J	5	U	1	U	5	U	50	U	5	U	0.6		5	U	0.5		1	U
12/19/2008	DP-A	DP-A-32-37	32-37 ft	UG/L	1.5		5	U	1	U	5	U	50	U	4	J	0.6		5	U	0.9		1	U
12/19/2008	DP-A	DP-A-37-42	37-42 ft	UG/L	0.8		5	U	1	U	5	U	50	U	3.9	J	0.6		5	U	0.8		1	U
11/5/2009	DP-A	DP-A-37-42	37-42 ft	UG/L	1.9		5	U	1	U	5	U	3.5	J	4.1	J	0.6	J	5	U	1.1		1.1	
11/5/2009	DP-A	DP-A-37-42 DUP	37-42 ft	UG/L	2.2		5	U	1	U	5	U	3	J	4.2	J	0.6	J	5	U	1.2		1.2	
12/1/2009	MW-233	GWMW233	32-42 ft	UG/L	2.9		1.3		1	U	1	U	2	U	1.1		1	U	1	U	1.3		1	U
11/5/2009	DP-A	DP-A-42-47	42-47 ft	UG/L	0.4	J	5	U	1	U	5	U	50	U	5	U	0.6	J	5	U	0.9	J	2.7	
11/5/2009	DP-A	DP-A-47-52	47-52 ft	UG/L	0.3	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/5/2009	DP-A	DP-A-52-57	52-57 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/5/2009	DP-A	DP-A-57-62	57-62 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/5/2009	DP-A	DP-A-62-67	62-67 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/5/2009	DP-A	DP-A-67-72	67-72 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/5/2009	DP-A	DP-A-72-77	72-77 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/5/2009	DP-A	DP-A-77-82	77-82 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U

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12/22/2008	DP-B	DP-B-0-5	0-5 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	0.6		5	U	0.4	J	2.2	
12/22/2008	DP-B	DP-B-5-10	5-10 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5.1		1	U	5	U	0.4	J	1	U
12/22/2008	DP-B	DP-B-10-15	10-15 ft	UG/L	1	U	1.2	J	0.3	J	5	U	50	U	4.2	J	1	U	3.4	J	0.4	J	4	
12/22/2008	DP-B	DP-B-15-20	15-20 ft	UG/L	1	U	0.9	J	1	U	5	U	50	U	13		1.8		5	U	7.7		2.3	
12/1/2009	MW-231S	GWMW231S	15-25 ft	UG/L	1	U	1.4		2.6		1	U	2	U	34.2		10.4		0.4	J	29.3		20.3	
12/22/2008	DP-B	DP-B-20-25	20-25 ft	UG/L	1	U	5	U	0.5	J	5	U	50	U	14		1.2		3.2	J	11		1.3	
12/22/2008	DP-B	DP-B-25-30	25-30 ft	UG/L	1	U	1.2	J	0.6	J	5	U	50	U	23		1.2		3.3	J	13		1.5	
12/22/2008	DP-B	DP-B-30-35	30-35 ft	UG/L	1	U	1	J	0.6	J	5	U	50	U	23		0.7		3.7	J	17		1.5	
12/22/2008	DP-B	DP-B-35-40	35-40 ft	UG/L	1	U	1.1	J	0.6	J	5	U	50	U	14		0.6	J	4	J	12		1.2	
12/1/2009	MW-231D	GWMW231D	30-40 ft	UG/L	1	U	2.4		1.4		1	U	2	U	98.7	D	1	U	2.4		45.2		3.9	
12/22/2008	DP-B	DP-B-40-45	40-45 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.4	J	1	U
12/22/2008	DP-B	DP-B-45-50	45-50 ft	UG/L	1	U	5	U	0.4	J	5	U	50	U	5.2		1	U	3.2	J	1.3		1	U
11/6/2009	DP-B	DP-B-50-55	50-55 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4.9	J	1	U	5	U	1	U	1	U
11/6/2009	DP-B	DP-B-55-60	55-60 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4.1	J	1	U	5	U	1	U	1	U
11/6/2009	DP-B	DP-B-60-65	60-65 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/6/2009	DP-B	DP-B-65-70	65-70 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4	J	1	U	5	U	0.4	J	1	U
11/6/2009	DP-B	DP-B-70-75	70-75 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/6/2009	DP-B	DP-B-75-80	75-80 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/6/2009	DP-B	DP-B-80-85	80-85 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/6/2009	DP-B	DP-B-85-90	85-90 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/11/2009	DP-C	DP-C-2-7	2-7 ft	UG/L	1	U	1.9	J	0.4	J	3.2	J	50	U	5.9		0.7	J	3.2	J	0.6	J	0.8	J
11/11/2009	DP-C	DP-C-7-12	7-12 ft	UG/L	0.4	J	5	U	1	U	5	U	50	U	5	U	1.4		5	U	7.8		1	U
11/11/2009	DP-C	DP-C-12-17	12-17 ft	UG/L	0.5	J	5	U	1	U	5	U	50	U	5	U	2		5	U	49	D	1	U
11/11/2009	DP-C	DP-C-17-22	17-22 ft	UG/L	0.5	J	5	U	1	U	5	U	50	U	4	J	2.3		3.2	J	31	D	1	U
11/11/2009	DP-C	DP-C-22-27	22-27 ft	UG/L	0.6	J	5	U	1.1		4	J	50	U	11		9.4		3.4	J	72	D	1	U
11/30/2009	MW-237S	GWMW237S	15-25 ft	UG/L	0.2	J	1	U	1	U	0.2	J	2	U	1.2		5		1	U	51.1		1	U
11/30/2009	MW-237S	GWMW237S Dup	15-25 ft	UG/L	1	U	1	U	1	U	1	U	2	U	1.2		4.9		1	U	49.9		1	U
11/11/2009	DP-C	DP-C-27-32	27-32 ft	UG/L	0.7	J	5	U	1.7		5.2		50	U	19		14		3.8	J	130	D	1	U
11/11/2009	DP-C	DP-C-32-37	32-37 ft	UG/L	0.4	J	5	U	2.1		5	U	50	U	28		15		3.9	J	230	D	1	U
11/11/2009	DP-C	DP-C-37-42	37-42 ft	UG/L	0.3	J	1.4	J	1.1		5	U	50	U	7.1		1.7		3.2	J	36	D	1	U
11/30/2009	MW-237D	GWMW237D	30-40 ft	UG/L	1	U	0.3	J	3.3		1.5		2	U	71		36.7		2.7		617	D	1.5	
11/11/2009	DP-C	DP-C-42-47	42-47 ft	UG/L	0.3	J	1.6	J	1.6	J	5	U	50	U	5.4		1.4		3.2	J	26		1	U
11/11/2009	DP-C	DP-C-47-52	47-52 ft	UG/L	1	U	5	U	0.4	J	5	U	50	U	4.8	J	1		3.2	J	20		1	U
11/11/2009	DP-C	DP-C-52-57	52-57 ft	UG/L	1	U	5	U	0.3	J	5	U	50	U	4	J	0.7	J	5	U	5.8		1	U
11/12/2009	DP-C	DP-C-57-62	57-62 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	0.6	J	5	U	3.8		1	U
11/12/2009	DP-C	DP-C-62-67	62-67 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	0.6	J	5	U	2.1		1	U

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			RIDEM GB Criteria		--		--		7		2,800		2,400		--		3,100		110		540		150	
Sample Date	Base Loc ID	Field Sample ID	Sample Depth	Units	1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethane		Chloroethane		cis-1,2-Dichloroethene		Tetrachloroethene		trans-1,2-Dichloroethene		Trichloroethene		Vinyl Chloride	
11/12/2009	DP-C	DP-C-67-72	67-72 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/12/2009	DP-C	DP-C-72-77	72-77 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/12/2009	DP-D	DP-D-4-9	4-9 ft	UG/L	0.4	J	5	U	1.5		3.2	J	50	U	16		8.6		3.4	J	170	D	1	U
11/12/2009	DP-D	DP-D-9-14	9-14 ft	UG/L	0.6	J	5	U	3.5		5	U	50	U	51		8.7		3.5	J	1000	D	1	U
11/30/2009	MW-236S	GWMW236S	5-15 ft	UG/L	1	U	1	U	5.9		1.7		2	U	88.6		15.3		0.7	J	1070	D	1.7	
11/12/2009	DP-D	DP-D-14-19	14-19 ft	UG/L	0.4	J	5	U	1.4		6		50	U	14		0.9	J	3.2	J	83	D	1	U
11/12/2009	DP-D	DP-D-19-24	19-24 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5.8		0.6	J	5	U	1.8		1	U
11/12/2009	DP-D	DP-D-24-29	24-29 ft	UG/L	1	U	5	U	1.9		5	U	50	U	30		0.6	J	3.2	J	18		1	U
11/12/2009	DP-D	DP-D-29-34	29-34 ft	UG/L	1	U	5	U	0.6	J	5	U	50	U	26		0.6	J	5	U	16		1	U
11/30/2009	MW-236D	GWMW236D	25-35 ft	UG/L	1	U	1	U	1		0.5	J	2	U	70.9		1	U	1	U	51.8		3.4	
11/12/2009	DP-D	DP-D-34-39	34-39 ft	UG/L	1	U	5	U	0.9	J	5	U	50	U	30		0.6	J	3.2	J	23		1	U
11/12/2009	DP-D	DP-D-39-44	39-44 ft	UG/L	1	U	5	U	1	U	5	U	50	U	9.6		1	U	5	U	3.9		1	U
11/12/2009	DP-D	DP-D-44-49	44-49 ft	UG/L	1	U	5	U	1	U	5	U	50	U	3.9	J	1	U	5	U	0.9	J	1	U
11/12/2009	DP-D	DP-D-49-54	49-54 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.4	J	1	U
11/13/2009	DP-D	DP-D-54-59	54-59 ft	UG/L	1	U	5	U	0.6	J	5	U	50	U	4	J	1	U	5	U	2		1	U
11/13/2009	DP-D	DP-D-59-64	59-64 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.6	J	1	U
11/13/2009	DP-D	DP-D-64-69	64-69 ft	UG/L	1	U	5	U	1	U	5	U	50	U	3.9	J	1	U	5	U	1.8		1	U
11/13/2009	DP-D	DP-D-69-74	69-74 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-D	DP-D-74-79	74-79 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
12/16/2008	DP-E	DP-E-0-5	0-5 ft	UG/L	0.8		0.8	J	1	U	5	U	50	U	4.4	J	0.7		5	U	0.8		1	U
12/16/2008	DP-E	DP-E-5-10	5-10 ft	UG/L	11		12		1	U	5	U	50	U	5	U	0.6		5	U	2.8		1	U
12/16/2008	DP-E	DP-E-10-15	10-15 ft	UG/L	3.3		5	U	1	U	5	U	100		5	U	0.6		5	U	7.6		1	U
12/16/2008	DP-E	DP-E-15-20	15-20 ft	UG/L	1.1		5	U	1	U	5	U	50	U	5	U	1	U	5	U	5		1	U
12/16/2008	DP-E	DP-E-20-25	20-25 ft	UG/L	1.8		5	U	1	U	5	U	50	U	3.9	J	1	U	5	U	9.5		1	U
12/16/2008	DP-E	DP-E-25-30	25-30 ft	UG/L	3		3.8	J	1.3		5	U	76		4	J	0.5	J	3.2	J	10		1	U
12/16/2008	DP-E	DP-E-30-35	30-35 ft	UG/L	21		16		4.5		5	U	280		5.2		0.6		3.4	J	60	D	1	U
12/16/2008	DP-E	DP-E-35-40	35-40 ft	UG/L	3.5		5	U	0.7	J	5	U	50	U	4.2	J	1	U	3.2	J	14		1.5	
12/16/2008	DP-E	DP-E-40-45	40-45 ft	UG/L	0.4	J	5	U	1	U	5	U	50	U	4.5	J	1	U	5	U	11		1.4	
12/16/2008	DP-E	DP-E-45-50	45-50 ft	UG/L	1	U	5	U	0.4	J	5	U	50	U	4.3	J	1	U	3.2	J	7.1		1	
12/16/2008	DP-E	DP-E-50-55	50-55 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4.8	J	1	U	5	U	12		1.6	
12/16/2008	DP-E	DP-E-55-60	55-60 ft	UG/L	1	U	5	U	0.5	J	5	U	50	U	4.5	J	1	U	5	U	0.8		2.9	
12/16/2008	DP-E	DP-E-60-65	60-65 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1.3	
12/19/2008	DP-F	DP-F-0-2	0-2 ft	UG/L	3.5		3.7	J	2.5		5	U	50	U	24		0.6		3.5	J	5.6		9.3	
12/15/2008	DP-F	DP-F-0-5	0-5 ft	UG/L	0.7	J	5	U	1.3		12		50	U	18		1	U	3.3	J	2.2		15	
12/19/2008	DP-F	DP-F-2-4	2-4 ft	UG/L	28	D	3	J	3.4		5	U	50	U	18		0.7		3.5	J	100	D	5	
12/19/2008	DP-F	DP-F-4-6	4-6 ft	UG/L	8.6		2.2	J	2.2		5	U	50	U	16		0.6		3.3	J	45	D	6	

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Sample Date	Base Loc ID	Field Sample ID	Sample Depth	Units	1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethane		Chloroethane		cis-1,2-Dichloroethene		Tetrachloroethene		trans-1,2-Dichloroethene		Trichloroethene		Vinyl Chloride	
12/15/2008	DP-F	DP-F-5-10	5-10 ft	UG/L	1	U	5	U	1.2	J	5	U	50	U	25		1	U	3.4	J	16		13	
12/19/2008	DP-F	DP-F-6-8	6-8 ft	UG/L	0.7	J	1.2	J	1.1		5	U	50	U	18		0.6		3.3	J	19		7.9	
12/15/2008	DP-F	DP-F-10-15	10-15 ft	UG/L	0.9	J	5	U	1.1		5	U	50	U	21		1	U	3.3	J	15		14	
12/15/2008	DP-F	DP-F-15-20	15-20 ft	UG/L	1	U	5	U	0.5	J	5	U	50	U	11		1	U	3.3	J	14		11	
12/15/2008	DP-F	DP-F-20-25	20-25 ft	UG/L	1	U	5	U	0.4	J	5	U	50	U	8.9		1	U	3.5	J	17		25	
12/15/2008	DP-F	DP-F-25-30	25-30 ft	UG/L	1	U	5	U	0.3	J	5	U	50	U	7.9		1	U	4	J	14		11	
12/15/2008	DP-F	DP-F-30-35	30-35 ft	UG/L	1	U	5	U	0.3	J	5	U	50	U	4.4	J	1	U	3.2	J	5.4		17	
12/15/2008	DP-F	DP-F-35-40	35-40 ft	UG/L	1	U	5	U	1	U	5	U	50	U	3.9	J	1	U	5	U	0.6	J	12	
12/15/2008	DP-F	DP-F-40-45	40-45 ft	UG/L	1	U	5	U	0.4	J	5	U	50	U	3.9	J	1	U	5	U	1		1.6	
12/15/2008	DP-F	DP-F-45-50	45-50 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.4	J	1	U
12/18/2008	DP-G	DP-G-0-5	0-5 ft	UG/L	0.6		5	U	0.4	J	5	U	50	U	5.4		4.3		3.2	J	5.8		1.4	
12/18/2008	DP-G	DP-G-5-10	5-10 ft	UG/L	0.3	J	0.8	J	0.8	J	3.2	J	50	U	4.2	J	0.8		3.2	J	1		2.3	
12/18/2008	DP-G	DP-G-10-15	10-15 ft	UG/L	1	U	1.4	J	1	U	5	U	50	U	4.2	J	0.6		3.3	J	0.4	J	66	
12/18/2008	DP-G	DP-G-15-20	15-20 ft	UG/L	1	U	1.8	J	0.9	J	5	U	50	U	23		0.8		3.9	J	12		19	
12/18/2008	DP-G	DP-G-20-25	20-25 ft	UG/L	1	U	1.2	J	1.1		5	U	50	U	23		1.2		4.3		31		1.9	
12/18/2008	DP-G	DP-G-25-30	25-30 ft	UG/L	1	U	0.9	J	0.7	J	5	U	50	U	6.3		1.9		3.4	J	36	D	1.9	
12/18/2008	DP-G	DP-G-30-35	30-35 ft	UG/L	1	U	3	J	0.6	J	3.1	J	50	U	5.7		0.7		3.2	J	26	D	1.9	
12/18/2008	DP-G	DP-G-35-40	35-40 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	0.6		5	U	0.6		1	U
12/18/2008	DP-G	DP-G-40-45	40-45 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.4	J	1	U
12/18/2008	DP-G	DP-G-45-50	45-50 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
12/18/2008	DP-G	DP-G-50-55	50-55 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
12/23/2008	DP-H	DP-H-2-7	2-7 ft	UG/L	60	D	6.9		1	U	5	U	110		4.8	J	1	U	5	U	1.1		1.8	
12/23/2008	DP-H	DP-H-7-12	7-12 ft	UG/L	120	D	12		0.7	J	5	U	100		4.1	J	0.5	J	3.6	J	1.1		1	U
12/23/2008	DP-H	DP-H-12-17	12-17 ft	UG/L	60	D	38		3.1		5	U	82		5.8		0.6	J	3.3	J	5		1.4	
12/23/2008	DP-H	DP-H-17-22	17-22 ft	UG/L	6.4		11		1		5	U	50	U	4.4	J	0.6	J	5	U	1.8		1.5	
12/23/2008	DP-H	DP-H-22-27	22-27 ft	UG/L	0.4	J	5	U	2.1		5	U	50	U	5	U	1	U	3.3	J	0.6	J	1.7	
12/23/2008	DP-H	DP-H-27-32	27-32 ft	UG/L	1	U	73		28		5	U	50	U	61		100	D	8.6		1200	D	1.6	
12/23/2008	DP-H	DP-H-32-37	32-37 ft	UG/L	550	D	81		28		5	U	50	U	39		74	D	11		750	D	21	
12/23/2008	DP-H	DP-H-37-42	37-45 ft	UG/L	450	D	72		26		5	U	50	U	28		2.1		3.3	J	220	D	26	
12/1/2009	MW-232S	GWMW232S	30-40 ft	UG/L	189	D	95.2	D	96.4		0.2	J	0.6	J	118	D	22.8		68		1000	D	2.3	
12/23/2008	DP-H	DP-H-42-47	42-47 ft	UG/L	390	D	54		19		5	U	50	U	21		1.6		3.6	J	180	D	22	
12/23/2008	DP-H	DP-H-47-52	47-52 ft	UG/L	290	D	53		18		5	U	50	U	15		2.3		3.8	J	230	D	14	
12/23/2008	DP-H	DP-H-52-57	52-57 ft	UG/L	180	D	30		5.4		5	U	50	U	6.3		1.2		3.2	J	200	D	4.7	
12/23/2008	DP-H	DP-H-57-62	57-62 ft	UG/L	140	D	21		3.6		5	U	50	U	7.9		0.9	J	3.4	J	440	D	4.7	
12/23/2008	DP-H	DP-H-62-67	62-67 ft	UG/L	130	D	31		6.4		5	U	50	U	11		1	U	3.6	J	650	D	5.8	
12/23/2008	DP-H	DP-H-67-72	67-72 ft	UG/L	150	D	5	U	7.1		5	U	50	U	13		1		3.8	J	800	D	8.7	

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Providence, Rhode Island

			RIDEM GB Criteria		--		--		7		2,800		2,400		--		3,100		110		540		150	
Sample Date	Base Loc ID	Field Sample ID	Sample Depth	Units	1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethane		Chloroethane		cis-1,2-Dichloroethene		Tetrachloroethene		trans-1,2-Dichloroethene		Trichloroethene		Vinyl Chloride	
12/1/2009	MW-232D	GWMW232D	60-70 ft	UG/L	333	D	31.7		48.5		1	U	2	U	64.4		0.8	J	3.4		601	D	1.3	
11/4/2009	DP-H	DP-H-72-77	72-77 ft	UG/L	3.2		5	U	1	U	5	U	2.9	J	4.4		0.6	J	5	U	9.5		1	U
11/4/2009	DP-H	DP-H-77-82	77-82 ft	UG/L	0.8	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.5	J	1	U
11/4/2009	DP-H	DP-H-82-87	82-87 ft	UG/L	0.6	J	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.4	J	1	U
12/18/2008	DP-I	DP-I-0-5	0-5 ft	UG/L	0.5		5	U	1	U	5	U	50	U	7		0.7		5	U	1		1	U
12/18/2008	DP-I	DP-I-5-10	5-10 ft	UG/L	0.7	J	5	U	0.5	J	5	U	50	U	9		1	U	3.3	J	8.4		2	
12/18/2008	DP-I	DP-I-10-15	10-15 ft	UG/L	1	U	5	U	1	U	5	U	50	U	6.7		1	U	3.2	J	17		3	
12/18/2008	DP-I	DP-I-15-20	15-20 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5.4		1	U	3.2	J	17		2.7	
12/18/2008	DP-I	DP-I-20-25	20-25 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4.7	J	1	U	5	U	13		3.9	
12/18/2008	DP-I	DP-I-25-30	25-30 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4.6		1	U	5	U	21		2.6	
12/18/2008	DP-I	DP-I-30-35	30-35 ft	UG/L	1	U	5	U	0.4	J	5	U	50	U	4.2	J	1	U	5	U	11		1.7	
12/18/2008	DP-I	DP-I-35-40	35-40 ft	UG/L	1	U	5	U	1	U	5	U	50	U	3.9	J	1	U	5	U	5.8		1.5	
12/18/2008	DP-I	DP-I-40-45	40-45 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.5		1	U
12/18/2008	DP-I	DP-I-45-50	45-50 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.7		1	U
11/13/2009	DP-J	DP-J-3-8	3-8 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-8-13	8-13 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-13-18	13-18 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-18-23	18-23 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-23-28	23-28 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-28-33	28-33 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-33-38	33-38 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-38-43	38-43 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/13/2009	DP-J	DP-J-43-48	43-48 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	0.5	J	1	U
11/16/2009	DP-J	DP-J-48-53	48-53 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4	J	1	U	3.2	J	0.5	J	1	U
11/16/2009	DP-J	DP-J-53-58	53-58 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/16/2009	DP-J	DP-J-58-63	58-63 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/16/2009	DP-J	DP-J-63-68	63-68 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/16/2009	DP-K	DP-K-5-10	5-10 ft	UG/L	1	U	5	U	1.1		5	U	50	U	30		1.8		3.4	J	64	D	1	U
11/30/2009	MW-235S	GWMW235S	5-15 ft	UG/L	1	U	1	U	1.1		1	U	2	U	33.2		6.9		0.3	J	67.2		2.1	
11/16/2009	DP-K	DP-K-10-15	10-15 ft	UG/L	1	U	5	U	0.7	J	5	U	50	U	15		3.5		3.4	J	44	D	1	U
11/16/2009	DP-K	DP-K-15-20	15-20 ft	UG/L	1	U	5	U	0.8	J	5	U	50	U	12		3.2		3.3	J	13		1	U
11/16/2009	DP-K	DP-K-20-25	20-25 ft	UG/L	1	U	5	U	0.4	J	5	U	50	U	11		3		3.3	J	12		1	U
11/16/2009	DP-K	DP-K-25-30	25-30 ft	UG/L	1	U	5	U	1	U	5	U	50	U	12		4		3.3	J	13		1	U
11/16/2009	DP-K	DP-K-30-35	30-35 ft	UG/L	1	U	5	U	1	U	5	U	50	U	9.7		2		3.3	J	9.6		1	U
11/30/2009	MW-235D	GWMW235D	25-35 ft	UG/L	1	U	1	U	1	U	1	U	2	U	11.9		5.7		1	U	19.5		0.9	J
11/16/2009	DP-K	DP-K-35-40	35-40 ft	UG/L	1	U	5	U	1	U	5	U	50	U	9		1		3.3	J	5		1	U

Table 2. December 2008 - November 2009
Mobile Laboratory Data and
November 2009 through February 2010 Laboratory Analytical Data
Data Summary Report
Mashapaug Cove Groundwater Investigation
Providence, Rhode Island

			RIDEM GB Criteria		--		--		7		2,800		2,400		--		3,100		110		540		150	
Sample Date	Base Loc ID	Field Sample ID	Sample Depth	Units	1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethane		Chloroethane		cis-1,2-Dichloroethene		Tetrachloroethene		trans-1,2-Dichloroethene		Trichloroethene		Vinyl Chloride	
11/16/2009	DP-K	DP-K-40-45	40-45 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5.8		0.7	J	5	U	1.7		1	U
11/16/2009	DP-K	DP-K-45-50	45-50 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4.7	J	0.7	J	5	U	1.2		1	U
11/16/2009	DP-L	DP-L-5-10	5-10 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5	U	1	U	5	U	1	U	1	U
11/16/2009	DP-L	DP-L-10-15	10-15 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5.7		1	U	5	U	1	U	1	U
11/16/2009	DP-L	DP-L-15-20	15-20 ft	UG/L	1	U	5	U	1	U	5	U	50	U	7		1	U	5	U	0.4	J	1	U
11/16/2009	DP-L	DP-L-20-25	20-23 ft	UG/L	1	U	5	U	1	U	5	U	50	U	8.6		1	U	5	U	1	U	1	U
11/16/2009	DP-L	DP-L-25-30	25-30 ft	UG/L	1	U	5	U	1	U	5	U	50	U	9.5		0.6	J	5	U	0.5	J	1	U
11/16/2009	DP-L	DP-L-30-35	30-35 ft	UG/L	1	U	5	U	1	U	5	U	50	U	8.5		0.5	J	5	U	0.5	J	1	U
11/16/2009	DP-L	DP-L-35-40	35-40 ft	UG/L	1	U	5	U	1	U	5	U	50	U	7.1		0.6	J	3.2	J	2.2		1	U
11/16/2009	DP-L	DP-L-40-45	40-45 ft	UG/L	1	U	5	U	1	U	5	U	50	U	5.6		1	U	3.2	J	2.2		1	U
11/16/2009	DP-L	DP-L-45-50	45-50 ft	UG/L	1	U	5	U	1	U	5	U	50	U	4.9	J	1	U	3.2	J	1.8		1	U
11/17/2009	DP-M	DP-M-4-9	4-9 ft	UG/L	0.4	J	5	U	1	U	5	U	50	U	8.2		30	D	3.3	J	51	D	1	U
11/17/2009	DP-M	DP-M-9-14	9-14 ft	UG/L	0.5	J	5	U	0.5	J	5	U	50	U	12		62	D	5	U	95	D	1	U
11/17/2009	DP-M	DP-M-14-19	14-19 ft	UG/L	0.5	J	1.4	J	1.9		3.5	J	50	U	19		51	D	3.5	J	240	D	1	U
11/17/2009	DP-M	DP-M-19-24	19-24 ft	UG/L	0.4	J	10		6.6		5.9		50	U	53		26	D	3.5	J	470	D	0.5	J
11/17/2009	DP-M	DP-M-24-29	24-29 ft	UG/L	0.4	J	1.3	J	4.8		5.9		50	U	36		3.2		3.2	J	320		0.5	J
11/17/2009	DP-M	DP-M-29-34	29-34 ft	UG/L	0.4	J	3.6		2.9		4.8		50	U	38		0.9	J	3.3	J	240	D	1	U
11/17/2009	DP-M	DP-M-34-39	34-39 ft	UG/L	0.3	J	37		1.1		3.4		16	J	11		0.8	J	3.2	J	19		1	U
11/17/2009	DP-M	DP-M-39-43	39-43 ft	UG/L	1	U	24		1.3		5	U	50	U	15		0.7	J	3.2	J	3.3		1	U
11/17/2009	DP-M	DP-M-43-49	43-49 ft	UG/L	1	U	9.6		1.5		5	U	50	U	20		0.6	J	3.4	J	8.9		1	U
12/1/2009	MW-230D	GWMW230D	50-60 ft	UG/L	5.8		0.9	J	1.7		1	U	2	U	1.6		0.2	J	1	U	34.4		1	U
12/2/2009	MW-230S	GWMW230S	20-30 ft	UG/L	697	D	131	D	32.3		1	U	2.4		87.4	D	1.3		0.4	J	348	D	0.4	J
12/2/2009	DB-01	PWPDB01		UG/L	1	U	1	U	1	U	1	U	0.9	J	0.4	J	1	U	1	U	1	U	0.4	J
12/2/2009	DB-02	PWPDB02		UG/L	1	U	1	U	1	U	1	U	2.4		0.2	J	1	U	1	U	1	U	0.3	J
12/2/2009	DB-03	PWPDB03		UG/L	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	0.4	J
12/2/2009	DB-04	PWPDB04		UG/L	13.8		8.1		0.4	J	1	U	0.9	J	1	U	1	U	1	U	1	U	1	U
12/2/2009	DB-05	PWPDB05		UG/L	1.1		2		2.8		1	J	2	U	47.3		64.1		0.6	J	193	D	1.4	
12/2/2009	DB-06	PWPDB06		UG/L	149	D	20.4		1	J	1	U	2	U	1	U	1	U	1	U	1	U	1	U
2/12/2010	MW-C/B-3	GWMWC	19-34 ft	UG/L	0.3	J	1	U	1.3		1	U	2	U	17.5		18.2		0.4	J	272	D	0.3	J
2/12/2010	MW-C/B-3	GWMWC Dup	19-34 ft	UG/L	0.3	J	1	U	1.2		1	U	2	U	16.9		17.2		0.4	J	257	D	0.3	J
2/19/2010	MW-D/B-4	GWMWD	17-32 ft	UG/L	1	U	1	U	1.1		1	U	2	U	39.2		4.4		0.4	J	761	D	3	

NOTES:
UG/L = micrograms per liter
U = Analyte not detected above sample quantitation limit.
J = Analyte detected but less than the lowest calibration standard.
D = The positive value is the result of an analysis at a dilution as noted.

Prepared by / Date: KJC 03/01/10
Checked by / Date: MAM 03/02/10

Table 3. TOC Elevations and Groundwater Elevation (December 04, 2009 and February 19, 2010)
Data Summary Report
Mashapaug Cove Groundwater Investigation
Providence, Rhode Island

Well ID	Top of Riser (ft)	Depth To Water (ft)	Groundwater Elevation (ft)
CW-6 [1]	66.02	16.96	49.06
GZA-3 [1]	56.69	17.09	39.60
MW-FS [1]	60.06	20.01	40.05
MW-FD [1]	60.74	20.11	40.63
MW-109D [1]	58.94	18.45	40.49
MW-204S [1]	65.34	24.36	40.98
MW-204D [1]	65.38	24.41	40.97
MW-206S [1]	65.05	24.06	40.99
MW-206D [1]	65.21	24.27	40.94
MW-216S [1]	66.08	29.75	36.33
MW-216D [1]	65.19	29.89	35.30
MW-217S [1]	65.21	26.10	39.11
MW-217D [1]	65.15	26.10	39.05
MW-220S [2]	65.91	24.96	40.95
MW-221S [2]	65.42	N/A	N/A
MW-223S [2]	66.93	25.16	41.77
MW-223D [2]	66.84	25.20	41.64
MW-225S [2]	66.87	28.85	38.02
MW-225D [2]	66.86	25.75	41.11
MW-226S [2]	66.92	26.28	40.64
MW-226D [2]	66.84	26.41	40.56
MW-227S [1]	64.77	23.81	38.36
MW-227D [2]	65.02	23.90	41.41
MW-228S [2]	65.05	24.10	41.15
MW-228D [2]	65.27	24.30	41.17
MW-230S [2]	63.35	23.10	40.25
MW-230D [2]	63.72	23.45	40.27
MW-234S [2,3]	62.88	23.70	39.18
MW-234I [2,3]	63.03	22.90	40.13
MW-234D [2,3]	62.99	23.15	39.84
MW-233 [2, 3]	42.73	2.59	40.14
MW-232S [2, 3]	43.98	3.50	40.48
MW-232D [2, 3]	43.46	3.40	40.06
MW-231S [2,3]	43.10	3.25	39.85
MW-231S [2, 3, 4]	43.10	3.80	39.30
MW-231D [2, 3]	42.68	3.91	38.77
MW-231D [2, 3, 4]	42.68	3.30	39.38
MW-237S [2,3]	41.66	1.63	40.03
MW-237S [2, 3, 4]	41.66	2.51	39.15
MW-237D [2, 3]	41.49	1.83	39.66
MW-237D [2, 3, 4]	41.49	2.29	39.20
MW-236S [2, 3]	44.86	5.00	39.86
MW-236S [2, 3, 4]	44.86	5.20	39.66
MW-236D [2, 3]	44.38	4.22	40.16
MW-236D [2, 3, 4]	44.38	4.75	39.63
MW-235S [2, 3]	45.80	4.92	40.88
MW-235S [2, 3, 4]	45.80	5.67	40.13
MW-235D [2, 3]	44.40	4.19	40.21
MW-235D [2, 3, 4]	44.40	4.75	39.65
MW-C	63.70	24.25	39.45
MW-D	60.44	20.88	39.56

1 = Groundwater elevations are based on an arbitary reference datum established for the site

2 = Existing benchmark ('X' cut on fire hydrant between the retail complex and the school) was used for the elevation control.

for the elevation control. Benchmark is 67.39 ft.

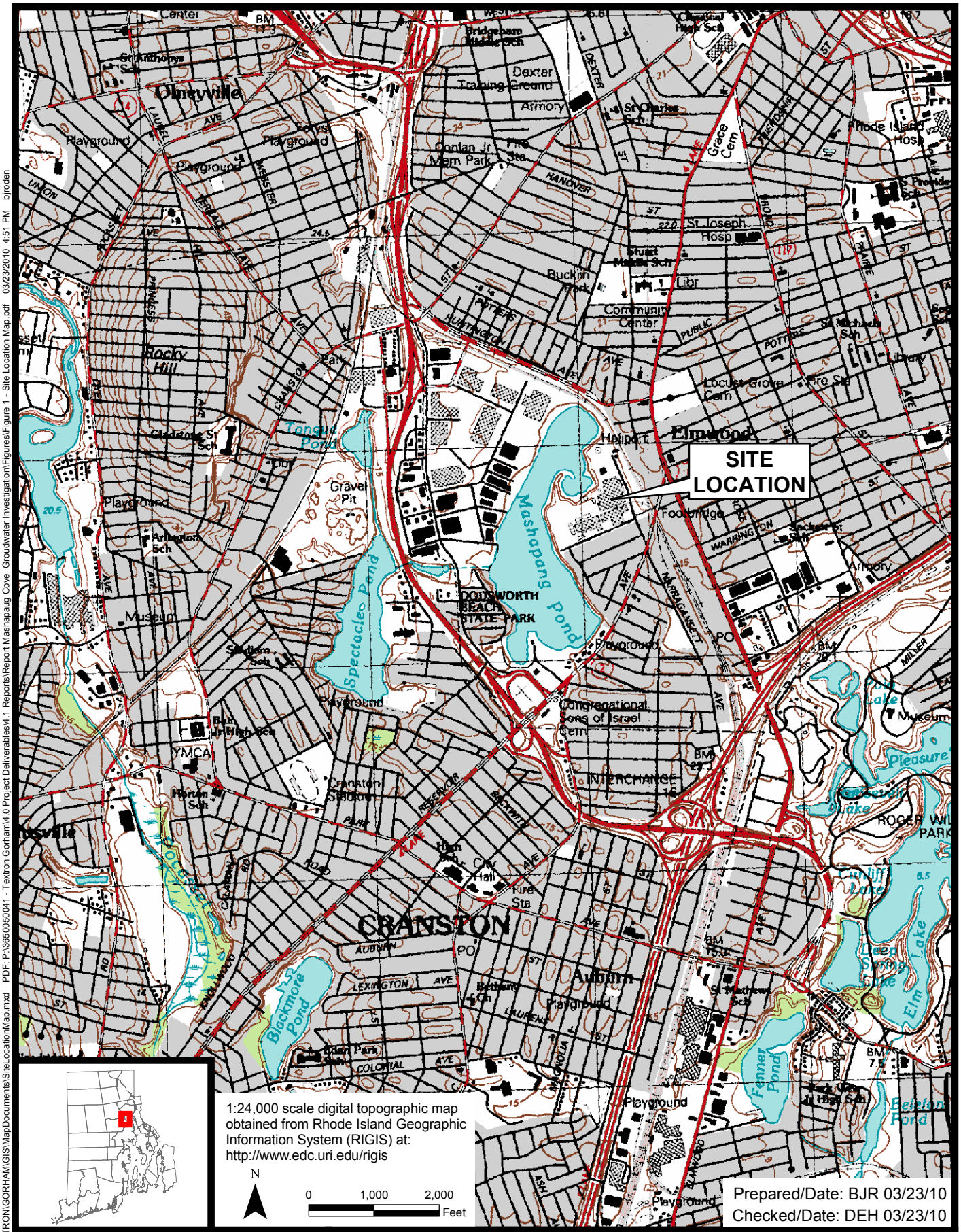
3 = Newly Installed Monitoring Wells during the Mashapuag Cove Groundwater Investigation

4 = Monitoring well gauged February 19, 2010.

N/A = Not measured due to LNAPL in well.

Preapared by: MAM 01/11/10
Checked by: ARM 01/11/10
Checked by: DEH 3/19/10

Figures

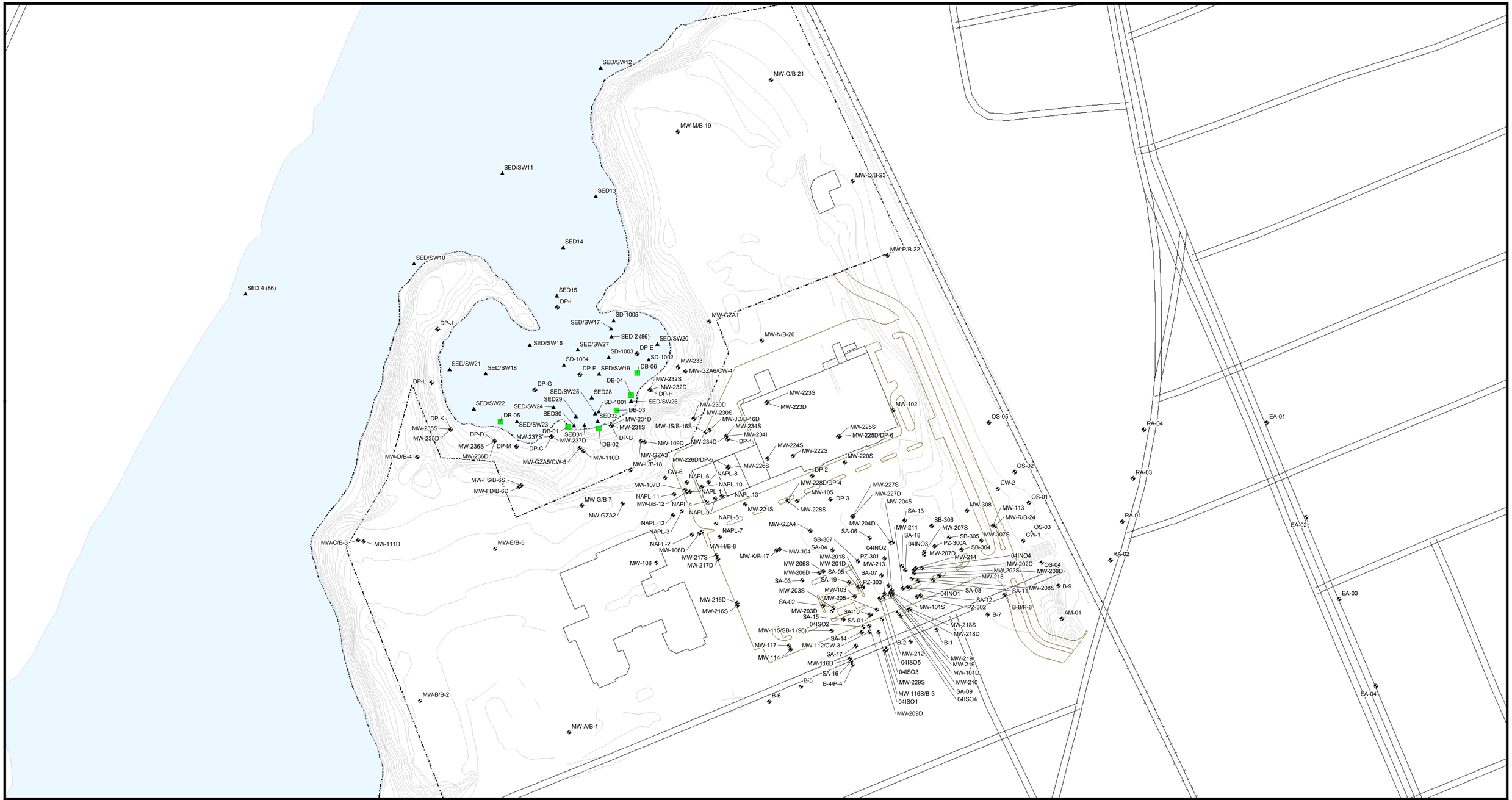


Supplemental SI
Former Gorham Manufacturing Site
Providence, Rhode Island

MACTEC

Site Location Map
Project 3650-05-0041
Figure 1

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\SiteLocationMap.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 1 - Site Location Map.pdf 03/23/2010 4:51 PM bjroden



Legend

- Diffusion Bag Sample Point
- Sediment Sample Location
- Groundwater Sample Location
- Elevation Contour
- Railroad
- Pavement
- Park Parcel Boundary

0 50 100 Feet

N

Prepared by BJR | Checked by DEH

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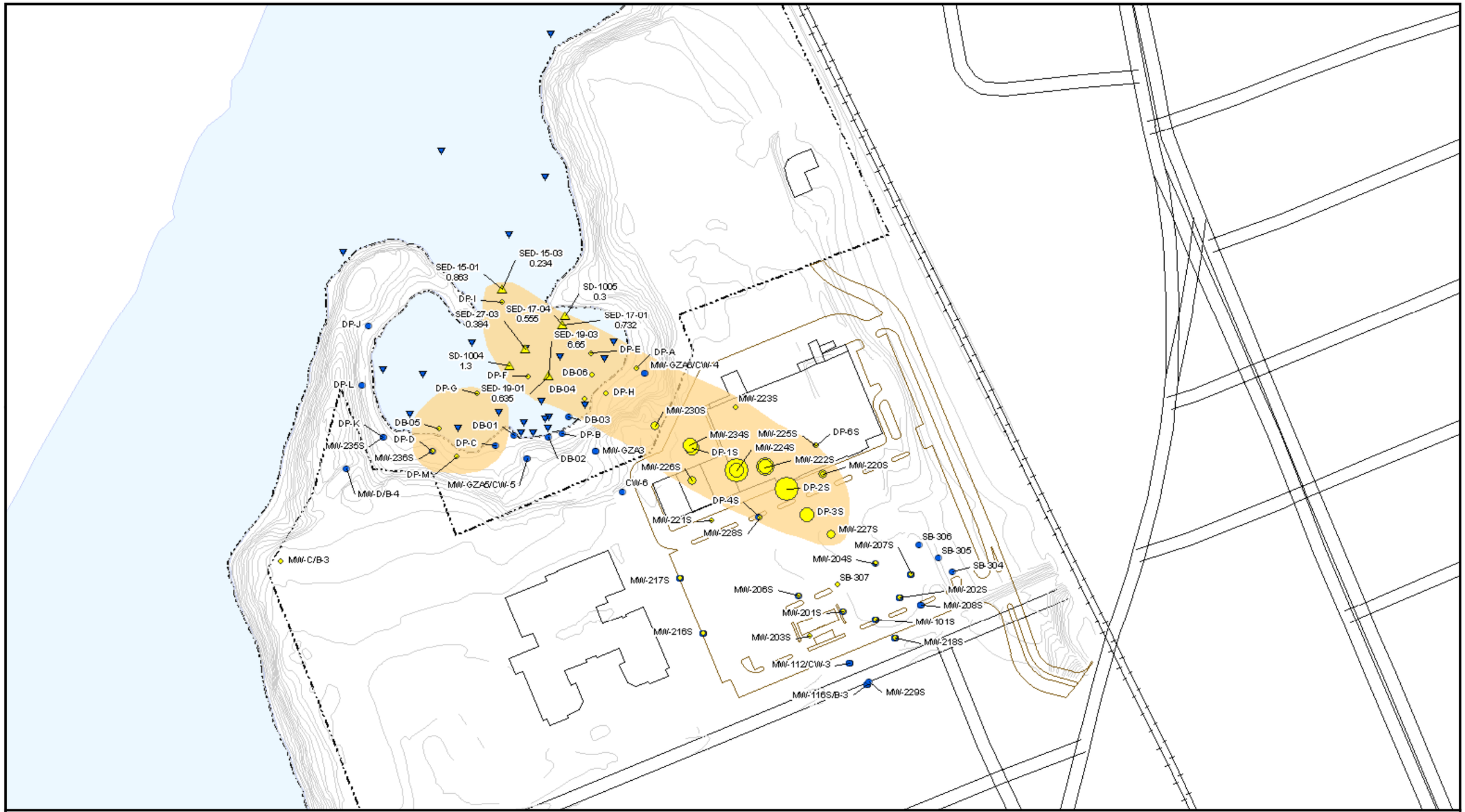
Figure 2
Site Plan

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.



Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

- 111TCA Detected in Sediment
- 111TCA Not Detected in Sediment
- 111TCA Not Detected in Groundwater
- Approximate Plume Boundary
- 111TCA Concentration 0 - 0.2 mg/L
- 111TCA Concentration 0.2 - 1 mg/L
- 111TCA Concentration 1 - 5 mg/L
- 111TCA Concentration 5 - 10 mg/L
- 111TCA Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 3
1,1,1-Trichloroethane (111TCA) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared\Date: BJR 03/24/10 | Checked\Date: DEH 03/24/10

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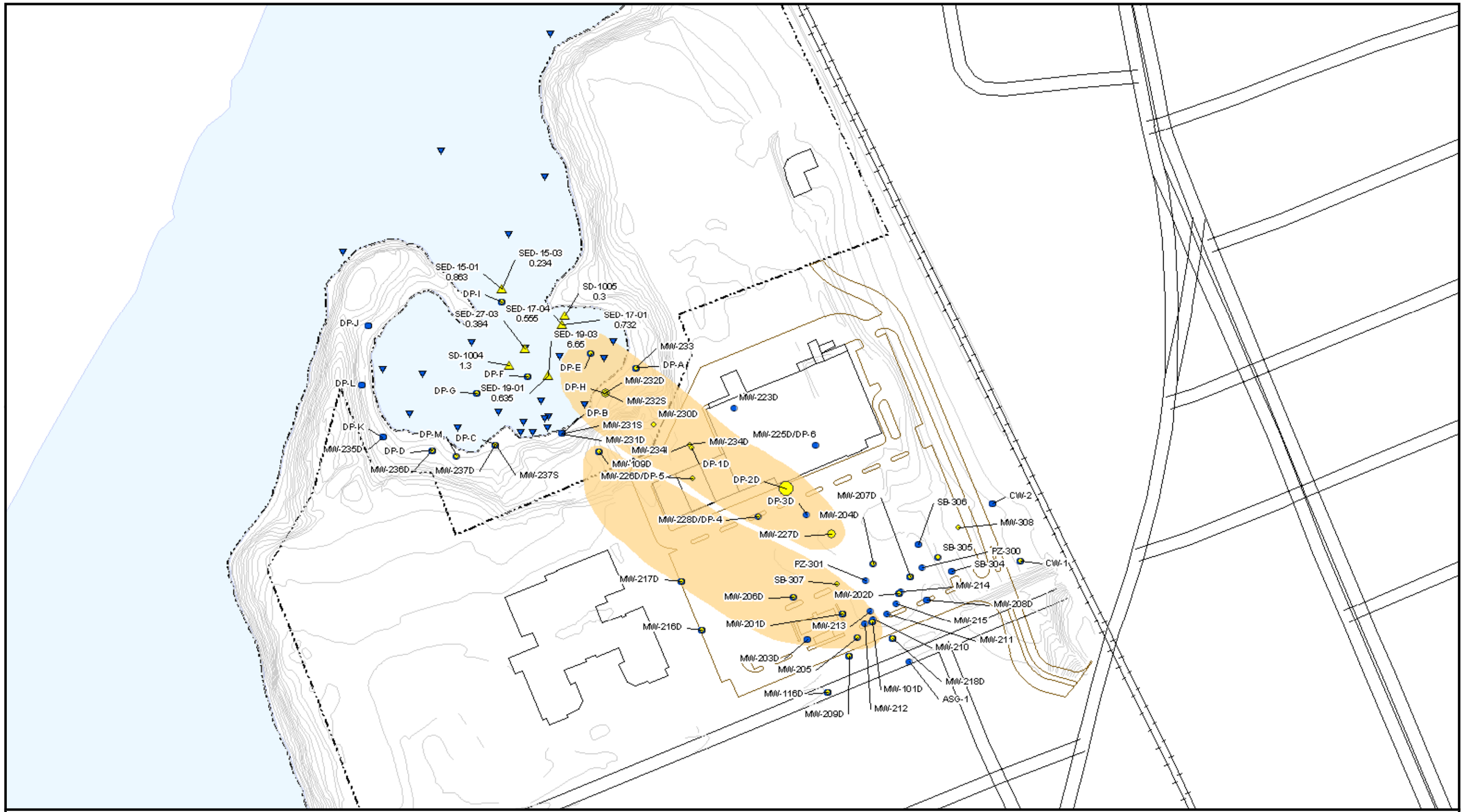


Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

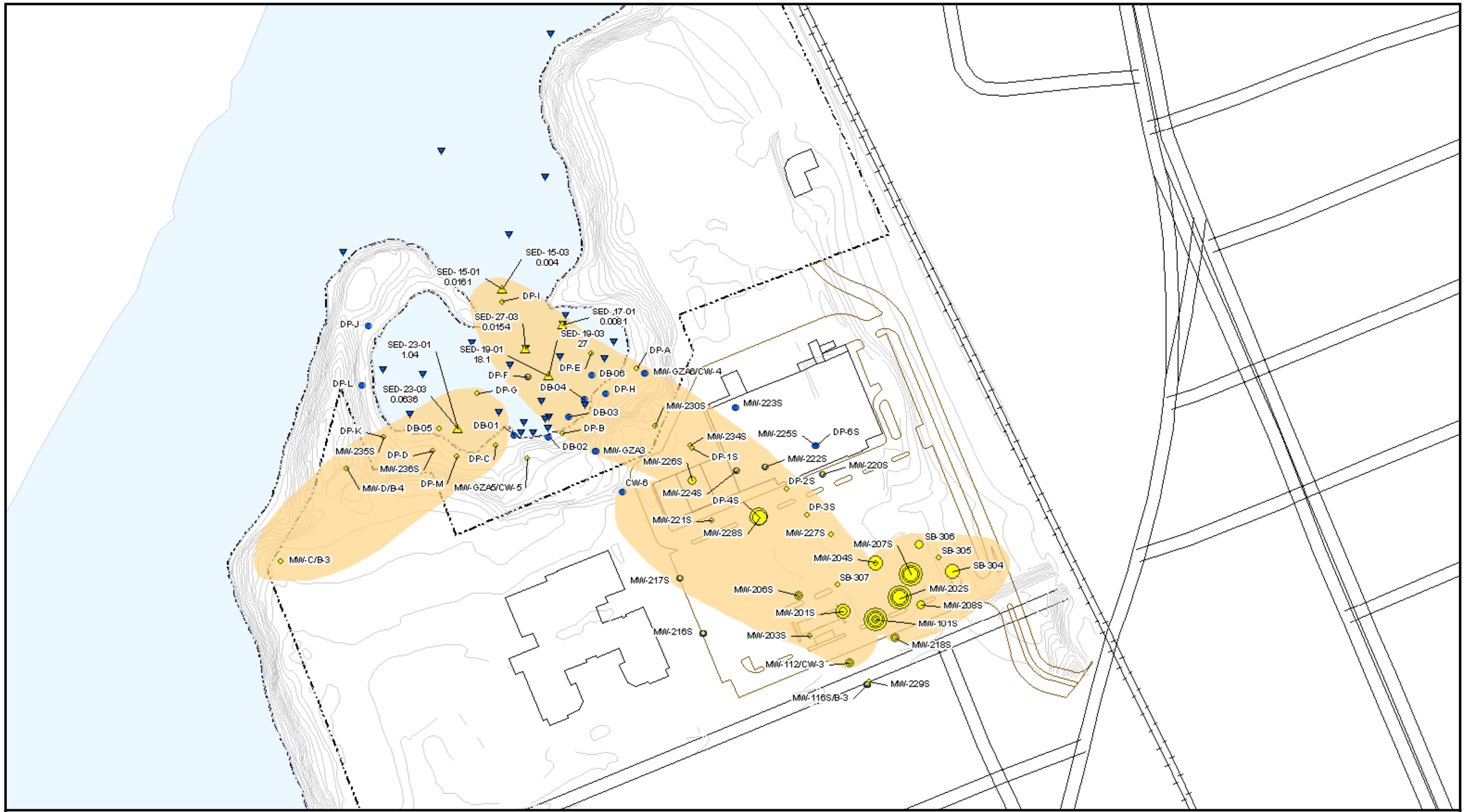
- 111TCA Detected in Sediment
- 111TCA Not Detected in Sediment
- 111TCA Not Detected in Groundwater
- Approximate Plume Boundary
- 111TCA Concentration 0 - 0.2 mg/L
- 111TCA Concentration 0.2 - 1 mg/L
- 111TCA Concentration 1 - 5 mg/L
- 111TCA Concentration 5 - 10 mg/L
- 111TCA Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 4
1,1,1-Trichloroethane (111TCA) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared\Date: BJR 03/24/10 | Checked\Date: DEH 03/24/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 4 - 111TCA Concentrations in Deep Groundwater and Sediment 2006-2010.pdf 03/24/2010 9:15 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

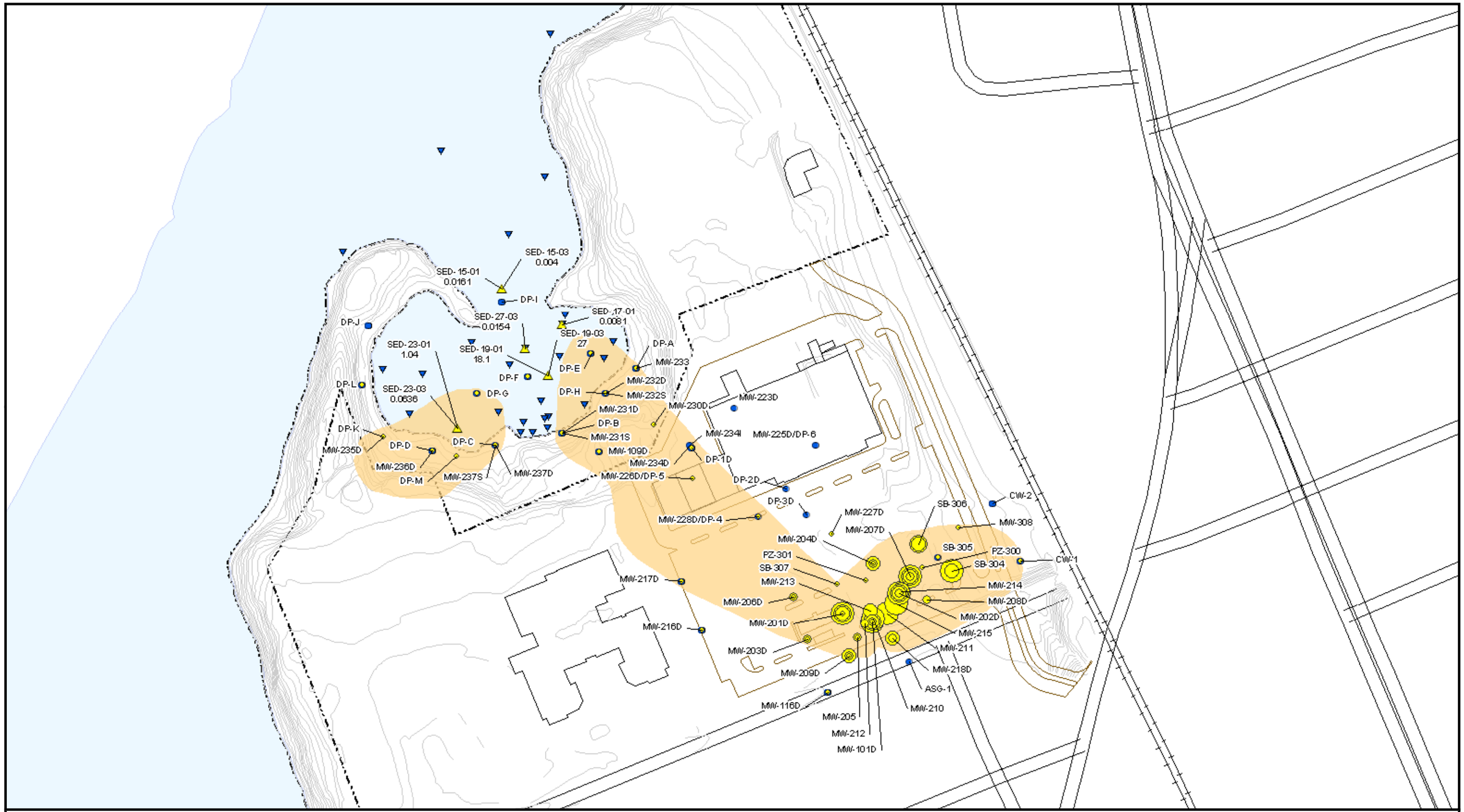
- PCE Detected in Sediment
- PCE Not Detected in Sediment
- PCE Not Detected in Groundwater
- Approximate Plume Boundary
- PCE Concentration 0 - 0.2 mg/L
- PCE Concentration 0.2 - 1 mg/L
- PCE Concentration 1 - 5 mg/L
- PCE Concentration 5 - 10 mg/L
- PCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 5
Tetrachloroethene (PCE) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared\Date: BJR 03/24/10	Checked\Date: DEH 03/24/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 5 - PCE Concentrations in Shallow Groundwater and Sediment 2006-2010.pdf 03/24/2010 9:24 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

Legend

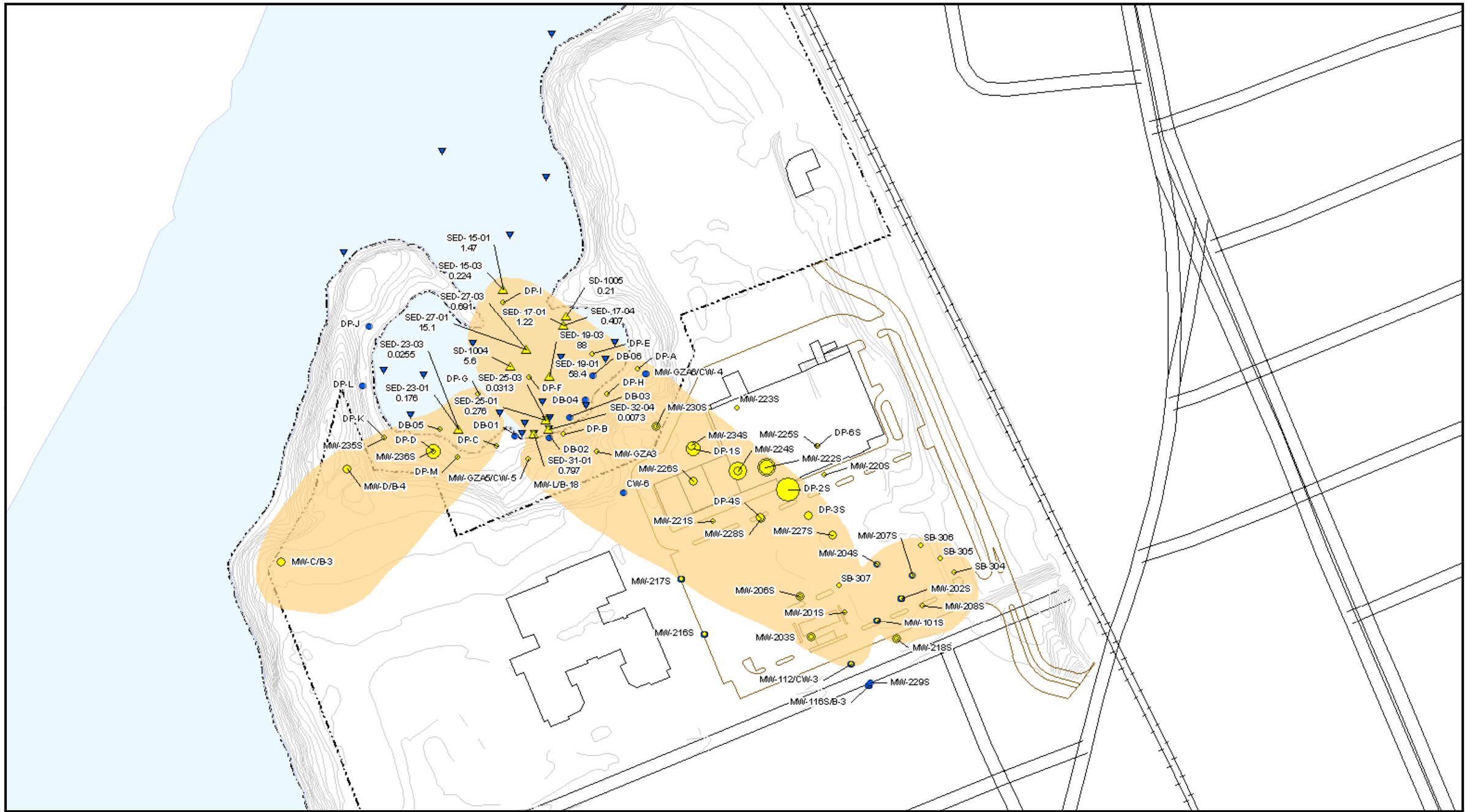
- PCE Detected in Sediment
- PCE Not Detected in Sediment
- PCE Not Detected in Groundwater
- Approximate Plume Boundary
- PCE Concentration 0 - 0.2 mg/L
- PCE Concentration 0.2 - 1 mg/L
- PCE Concentration 1 - 5 mg/L
- PCE Concentration 5 - 10 mg/L
- PCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 6
Tetrachloroethene (PCE) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared\Date: BJR 03/24/10 | Checked\Date: DEH 03/24/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 6 - PCE Concentrations in Deep Groundwater and Sediment 2006-2010.pdf 03/24/2010 10:24 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

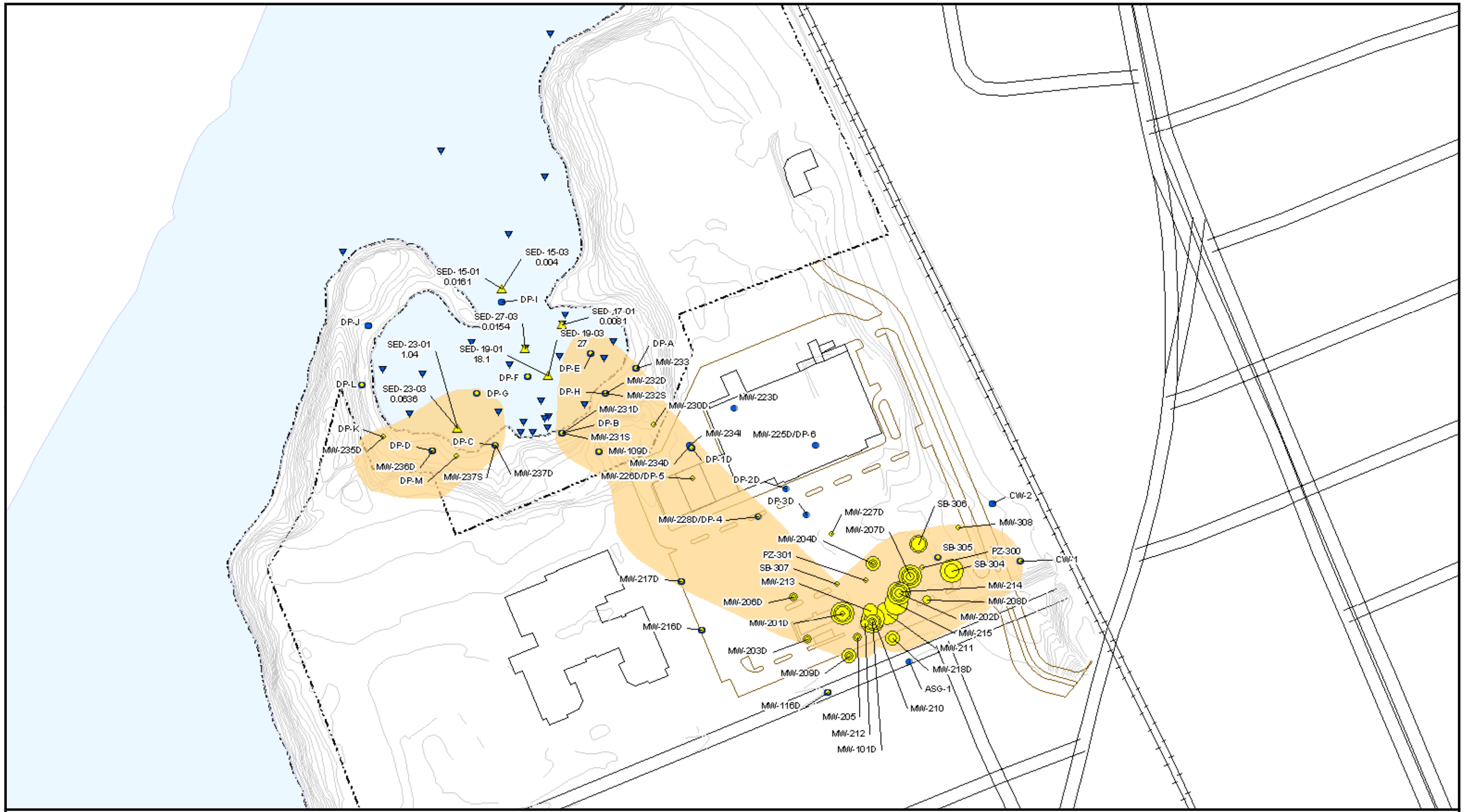
- TCE Detected in Sediment
- TCE Not Detected in Sediment
- TCE Not Detected in Groundwater
- Approximate Plume Boundary
- TCE Concentration 0 - 0.2 mg/L
- TCE Concentration 0.2 - 1 mg/L
- TCE Concentration 1 - 5 mg/L
- TCE Concentration 5 - 10 mg/L
- TCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 7
Trichloroethene (TCE) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared\Date: BJR 03/24/10 | Checked\Date: DEH 03/24/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 7 - TCE Concentrations in Shallow Groundwater and Sediment 2006-2010.pdf 03/24/2010 9:31 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

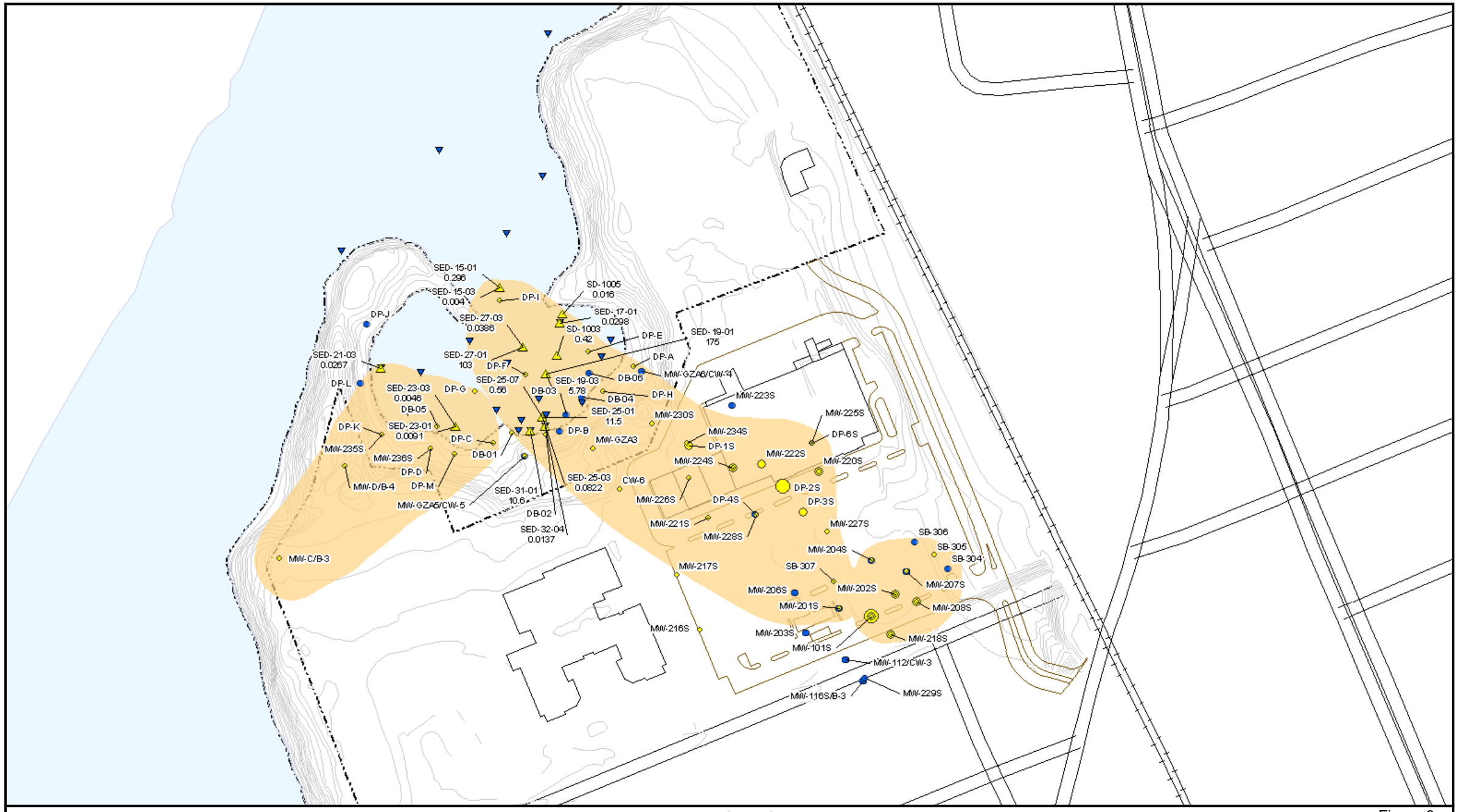
- PCE Detected in Sediment
- PCE Not Detected in Sediment
- PCE Not Detected in Groundwater
- Approximate Plume Boundary
- PCE Concentration 0 - 0.2 mg/L
- PCE Concentration 0.2 - 1 mg/L
- PCE Concentration 1 - 5 mg/L
- PCE Concentration 5 - 10 mg/L
- PCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Prepared\Date: BJR 03/24/10 | Checked\Date: DEH 03/24/10

Figure 8
Trichloroethene (TCE) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 8 - TCE Concentrations in Deep Groundwater and Sediment 2006-2010.pdf 03/24/2010 10:45 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

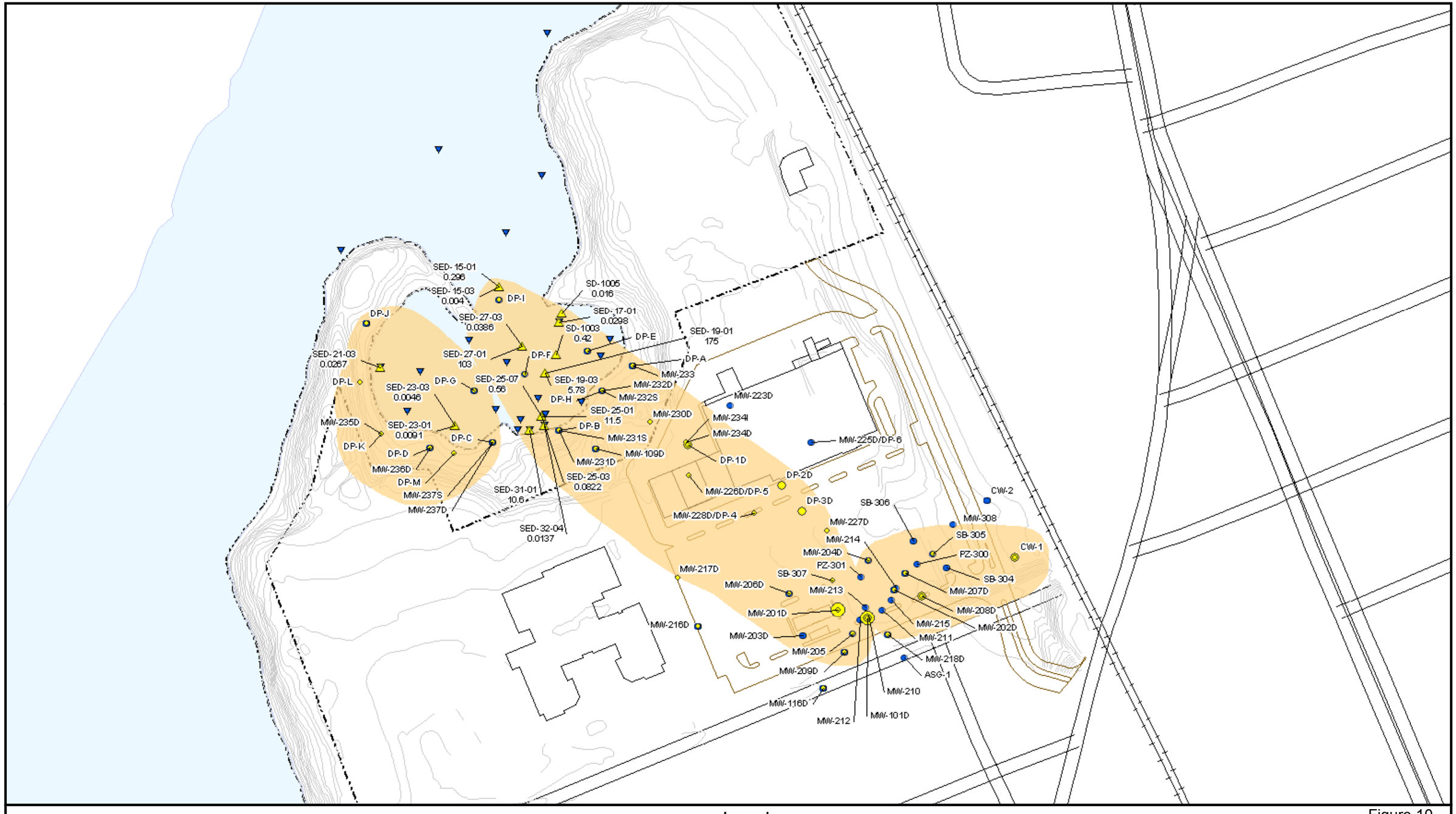
- cis12DCE Detected in Sediment
- cis12DCE Not Detected in Sediment
- cis12DCE Not Detected in Groundwater
- Approximate Plume Boundary
- cis12DCE Concentration 0 - 0.2 mg/L
- cis12DCE Concentration 0.2 - 1 mg/L
- cis12DCE Concentration 1 - 5 mg/L
- cis12DCE Concentration 5 - 10 mg/L
- cis12DCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Figure 9
cis-1,2,-Dichloroethene (cis12DCE) Concentrations in Shallow Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

Prepared\Date: BJR 03/24/10 | Checked\Date: DEH 03/24/10

Document: P:\TEXTRON\GORHAM\GIS\MapDocuments\TextronGorhamInvestigationPublished.mxd PDF: P:\3650050041 - Textron Gorham\4.0 Project Deliverables\4.1 Reports\Report Mashapaug Cove Groudwater Investigation\Figures\Figure 9 - cis12DCE Concentrations in Shallow Groundwater and Sediment 2006-2010.pdf 03/24/2010 9:37 AM bjroden



Notes:
Data used for groundwater are all available data from 1/01/06 to 2/26/10.

Data used for sediment are all available data. Some locations have multiple depths of sediment.

Concentrations for sediments are in units of mg/kg.

N

0 90 180 Feet

Legend

- cis12DCE Detected in Sediment
- cis12DCE Not Detected in Sediment
- cis12DCE Not Detected in Groundwater
- Approximate Plume Boundary
- cis12DCE Concentration 0 - 0.2 mg/L
- cis12DCE Concentration 0.2 - 1 mg/L
- cis12DCE Concentration 1 - 5 mg/L
- cis12DCE Concentration 5 - 10 mg/L
- cis12DCE Concentration Above 10 mg/L
- Elevation Contour
- Pavement
- Railroad
- Park Parcel Boundary

Prepared\Date: BJR 03/24/10 | Checked\Date: DEH 03/24/10

Figure 10
cis-1,2,-Dichloroethene (cis12DCE) Concentrations in Deep Groundwater and Sediment Sampled From 2006 to 2010

333 Adelaide Avenue
Providence, Rhode Island
MACTEC, Inc.

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Appendix A

Pine & Swallow Environmental
Limited Subsurface Investigation Report

Pine&Swallow
ENVIRONMENTAL

Limited Subsurface Investigation
Mashapoug Pond Investigation

Prepared for

MACTEC Engineering and Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880
Attn: Michael Murphy

December 31, 2008
P&S Reference Number: 08209

Pine&Swallow ENVIRONMENTAL
867 Boston Road
Groton, MA 01450

Limited Subsurface Investigation
Mashapoug Pond Investigation

Prepared for

MACTEC Engineering and Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880
Attn: Michael Murphy

Prepared by

PINE & SWALLOW ENVIRONMENTAL
Environmental Field Services

867 Boston Road
Groton, MA 01450
978-448-9511

December 31, 2008
P&S Reference Number: 08209

Pine&Swallow
ENVIRONMENTAL

Vertical Profiling • Direct Push Drilling • Mobile Laboratory • Soil Vapor Surveys • High Pressure Injection

December 31, 2008

Michael Murphy
MACTEC Engineering and Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

RE: Mashapoug Pond Investigation

Dear Mike,

In accordance with the proposal dated November 17, 2008, enclosed is our report on subsurface investigations performed at Mashapoug Pond Investigation. This report summarizes the equipment and procedures employed by P&S for the installation of MicroWells as well as the results of on-site gas chromatographic analyses of water.

We appreciated the opportunity to work with you and thank you for engaging our services for this project. If there are any questions, please do not hesitate to call.

Sincerely yours,
Pine & Swallow Environmental

Gregory Rotondi
Field Chemist

Michael Agonis
Operations Manager

867 Boston Road, Groton, MA 01450 Tel: 978-448-9511 Fax: 978-448-6645 www.pineandswallow.com

Limited Subsurface Investigation
Mashapoug Pond Investigation

I. INTRODUCTION AND PROGRAM SUMMARY

On December 15, 16, 18, 19, 22, 23, 2008, Pine & Swallow Environmental (P&S) conducted limited subsurface investigations of the Mashapoug Pond site. The purpose of P&S's effort was to assist MACTEC Engineering and Consulting, Inc. in assessing groundwater conditions at the site. Details of equipment and procedures for the MicroWell® installation program and the methodology and results of on-site gas chromatographic (GC) analyses of groundwater samples for selected volatile organic compounds are enclosed.

Program Summary

P&S installed ten MicroWells. Eight of the wells were sequentially sampled to permit vertical profiling of groundwater quality. Eighty (80) groundwater samples were analyzed in P&S's field laboratory for chloroethane, vinyl chloride, 1,1-dichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, 1,2- dichloroethane, trichloroethene and tetrachloroethene.

All installation and sampling locations were chosen by MACTEC Engineering and Consulting, Inc. field personnel. All analyses were performed in P&S's field laboratory for compounds determined by MACTEC Engineering and Consulting, Inc.'s program.

® MicroWell and VibraDrill are registered trademarks of Pine & Swallow Associates, Inc.

II. FIELD INVESTIGATION METHODS AND PROCEDURES

GROUNDWATER INVESTIGATION

MicroWell Installation Equipment and Methods

P&S's study included installation of MicroWells for groundwater sampling and water level measurements. MicroWells consist of 0.84-inch, 1.3-inch or 1.9-inch O.D. steam-cleaned steel pipe whose leading end is fitted with a drive point. Screens, manufactured from the same material, consist of a double row of longitudinal slots 0.015-inch wide on the half-inch pipe. Screens in 1.3-inch or 1.9-inch pipe consist of double rows of longitudinal slots 0.015-inch wide. In all cases, each slot is two inches long and is separated from the next slot by 1/4-inch of unslotted pipe.

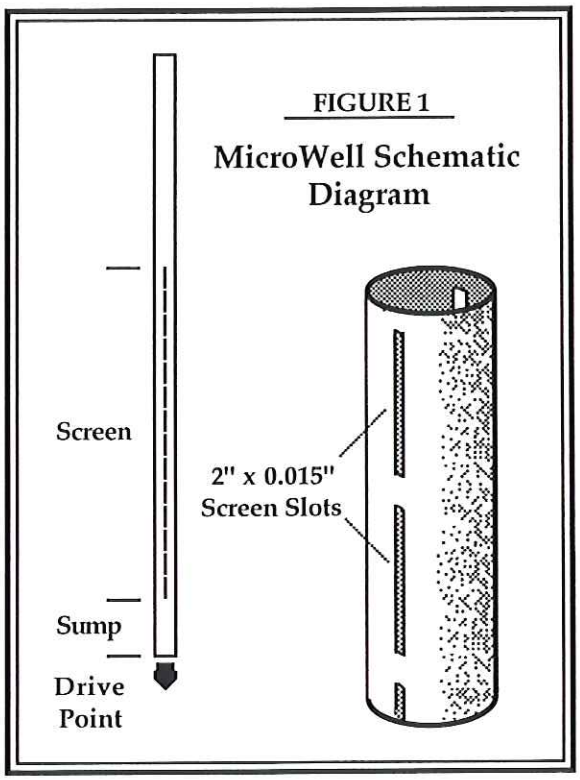


FIGURE 1
MicroWell Schematic Diagram

MicroWells are installed by a high frequency vibratory hammer mounted on a VibraDrill® all terrain drilling machine. VibraDrills are capable of driving 12-foot sections or 21-foot sections of pipe depending upon the model; to drive deeper, additional sections of riser pipe are welded or crimped on by means of an external steel collar.

Immediately after driving is completed a water level measurement is taken with a Slope Indicator water level meter. Wells are then developed with an inertial pump to remove silt and fine sand that has entered through screen slots. Pumping continues until discharge water is free of sediment wherever possible. Samples from MicroWells for VOC analysis are obtained in lab-clean 40 mL vials with septum screw caps using new polyethylene tubing dedicated to each well and sampling interval and following P&S

sampling protocols All re-usable sampling equipment is decontaminated between locations by rinsing with methanol and distilled water.

Sequential sampling is performed by driving the well screen to a predetermined depth and collecting a sample following P&S's standard sampling procedures. A section of riser pipe is then connected, the well driven to the next sampling interval and a subsequent sample taken. At each sampling level, at least three well volumes are removed from the well prior to sampling. Samples are collected in lab-clean 40 mL vials using new polyethylene tubing dedicated to each sampling level. Pump valves are decontaminated with methanol and rinsed with distilled water between samples.

MicroWell Program

A total of ten MicroWells, constructed of 1.32-inch steel pipe, were installed at this site by P&S's VibraDrill H641 at locations chosen by MACTEC Engineering and Consulting, Inc. field personnel. Eight wells were installed with five-foot screens and two were installed with ten-foot screens. MicroWell depths ranged from 8 feet to 72 feet BGS. Five installations were completed with stick ups and locking caps and five were cut below grade, filled with bentonite, capped with plugs and abandoned. MicroWell logs are included in the Appendix.

Wells were sampled with an inertial pump according to P&S's Standard Operating Procedures. Sequential sampling was performed at eight of the MicroWells.

ON-SITE CHEMICAL ANALYSIS

P&S utilizes Hewlett Packard 5890 gas chromatographs and a Tekmar 7000/7050 Static Headspace and Autosampler to analyze soil, water and soil gas matrices for a variety of organic environmental contaminants. Gas chromatography (GC) technology physically separates the components of a contaminated matrix and the contaminants are then identified using compound-specific detectors. P&S's GC instrumentation currently employs three different detection modes. The electron capture detector (ECD) is primarily used to identify electromagnetic molecules such as chlorinated, brominated

and fluorinated compounds. The photoionization detector (PID) is effective in the determination of aromatic and/or aliphatic contaminants such as benzene, toluene, ethylbenzene and xylenes (BTEX). The flame ionization detector (FID) identifies hydrocarbon-containing molecules such as polynuclear aromatic hydrocarbons and petroleum fuel constituents. Analysis is conducted in accordance with P&S's Standard Operating Procedures (SOPs).

For water and soil headspace sample matrices which are analyzed to determine BTEX/MTBE and chlorinated contaminants, field samples undergo preparation steps prior to analysis. For water samples (collected in 40 mL VOA vials), an aliquot of the water sample is removed from the closed sampling vial and transferred to a 22 ml autosampler vial in the lab. PID/ECD detector modes are utilized for compound identification. For soil matrices, an aliquot of soil of approximately 4 to 6 grams is collected in the field and immediately transferred to a 22 mL sampling vial containing organic-free, distilled reagent water with headspace in the vial.

The following are typical autosampler analytical conditions. Auto Sampler: Tekmar 7000/7050 Static Headspace and Autosampler:

Equilibrate:	60°C for 4 min
Vortex Mix:	1.0 min
Stabilize:	2.0 min
Pressurize:	14 psi for 0.3 min
Equilibration:	0.3 min.

An appropriate analytical capillary column is selected for the suite of analytes under study. Once the sample is prepared for analysis and introduced into the GCs heated inlet injection port, it is transported in its gaseous form to the analytical column. As a sample slug migrates through this column, its various components interact with the column film to become temporarily adsorbed and subsequently desorbed. Each compound in the test sample transits the column at a different rate which is temperature controlled and enhanced, hence creating a unique retention time. Each compound also elicits a unique response from the detectors. These responses are translated within the data collection system in the form of peaks which are assigned height and area values relative to analyses of analytical standards. This data is subsequently evaluated to determine concentration of the target analyte within the sample matrix.

The following are typical GC analytical conditions. GC: Hewlett Packard 5890A. Column: Restek RTX-502.2, 30-m, 0.53-µm ID, 2.0/mm film thickness fused silica capillary column.

Carrier Gas:	Helium
Flow Rate:	10-13 ml/min
Initial Column Temperature:	40°C
Initial Column Holding Time:	2 min
Ramp Rate:	10°C/min
Final Temperature:	130°C
Final Hold Time:	1 min
Approximate GC Cool Down Time:	10 min

NOTE: The typical run time under these conditions is 20 minutes.

Identification and quantification of target analytes detected in the sample are achieved by retention time comparisons to reference standards formulated with analytical grade compounds of known concentrations. In this way, unknowns detected during sample analyses can be identified and concentrations calculated.

For all analyses, blank samples from syringes, sampling equipment and reagents are analyzed periodically to ensure sample and method integrity. Daily check standards are run to verify instrument stability, calibration, sensitivity and performance. Duplicate analyses and replicate sample injections are routinely conducted to support method accuracy and analytical precision.

On-site Analysis of Groundwater Samples

Eighty (80) groundwater samples were analyzed for chloroethane, vinyl chloride, 1,1-dichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,1,1- trichloroethane, 1,2- dichloroethane, trichloroethene and tetrachloroetheneby a Hewlett Packard 5890 GC in P&S's field laboratory. Results of groundwater analyses for the compounds selected by MACTEC Engineering and Consulting, Inc. personnel at Mashapoug Pond are tabulated in the Appendix.

This report is submitted subject to the limitations stated in the Appendix.

APPENDIX

Limitations and Conditions

P&S Standard Abbreviations

MicroWell Logs

Analytical Results

LIMITATIONS AND CONDITIONS

1. The observations described in this report were made under the conditions stated. The conclusions presented in the report were based solely upon the services described and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The report has been prepared in accordance with generally accepted hydrogeological and hydrochemical practices. No other warranty, express or implied, is made.

2. Negative findings for the presence of volatile organic compounds using soil atmosphere analysis are not positive or absolute proof that disposal or discharge of chemicals has not occurred in the past at the sampled locations or anywhere else on the site. Negative findings are not positive or absolute proof that migration, seepage or any other movement of chemicals is not occurring at the sampled locations or elsewhere on the site.

3. Chemical conditions reported herein reflect conditions at the locations tested within the limitations of the methods used. Such conditions can vary rapidly from area to area. No warranty is expressed or implied that chemical conditions other than those reported do not exist within the site.

4. At those locations where volatile organic compounds were reported, chemicals other than those reported may be present. Chemical analyses have been performed for specific parameters during this assessment. However, additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.

5. Water level readings have been made in the wells at the times and under the conditions stated on the MicroWell logs. However, fluctuations in the level of groundwater may occur due to variation in rainfall and other factors different from those prevailing at the time measurements were made.

6. This report has been prepared for MACTEC Engineering and Consulting, Inc. solely for use in an environmental evaluation of property at Mashapoug Pond Site.

STANDARD ABBREVIATIONS

Abbreviations which may have been used in this report and in the MicroWell logs.

mg/Kg	milligrams per kilogram
mg/L	milligrams per liter
ppb	parts per billion
ppm	parts per million
µg/g	micrograms per gram
µg/Kg	micrograms per kilogram
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
"	inches (in)
'	feet (ft)
cm	centimeters
m	meters
mL	milliliters
yd	yards

BGS	below ground surface
D-NAPL	dense non-aqueous phase liquid
GC	gas chromatograph
L-NAPL	light non-aqueous phase liquid
OVM	organic vapor meter
Pipe ID	internal diameter of pipe
Pipe OD	external diameter of pipe
Sample ID	sample identification number
TOC	top of casing
Well ID	well identification number
WL	water level

MicroWell Logs

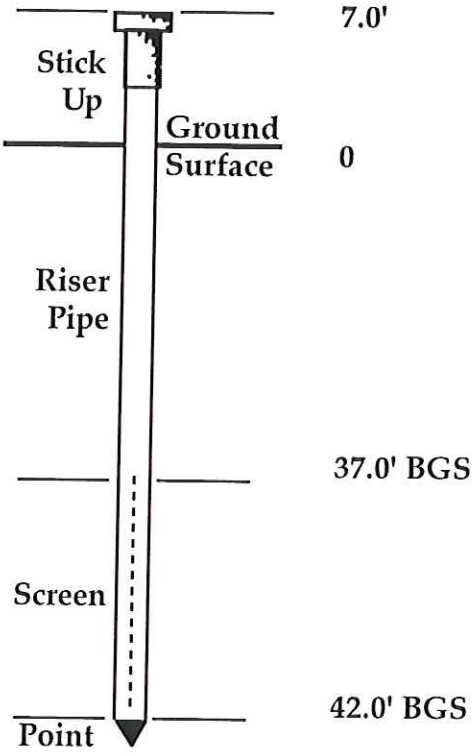
MicroWell® Installation Log

VP-A

Project Name: MACTEC/Providence	**Date:** 12/18/08
PSA Project Number: 08209	**Equipment:** VD H641
Location: Behind Stop & Shop	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
	2.0-7.0 feet BGS
	7.0-12.0 feet BGS
	12.0-17.0 feet BGS
	17.0-22.0 feet BGS
	22.0-27.0 feet BGS
	27.0-32.0 feet BGS
	32.0-37.0 feet BGS
	37.0-42.0 feet BGS

Comments: Left 7-foot stick up to continue to depth.

Materials

Unscreened Pipe:	44 feet	**Additional Tubing:**	236 feet
Screen Length:	5 feet	**Additional Vials:**	8
Points:	1	**Bailers:**	0
Finish:			

Pine & Swallow Environmental

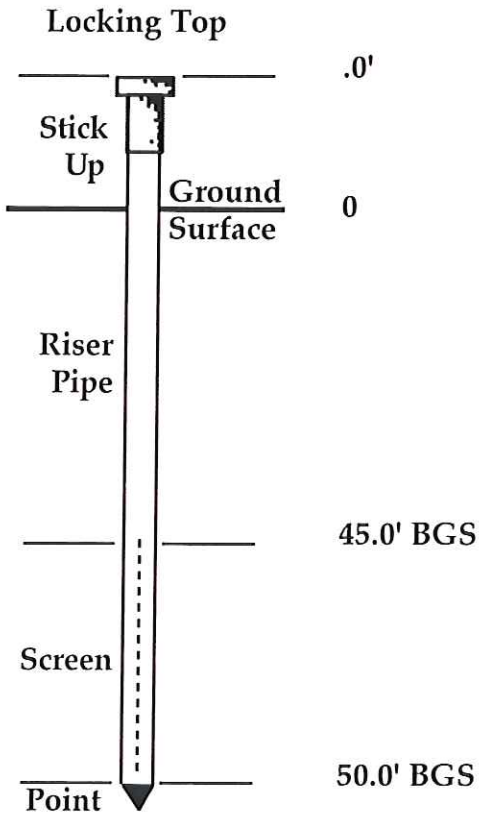
MicroWell® Installation Log

VP-B

Project Name: MACTEC/Providence	**Date:** 12/22/08
PSA Project Number: 08209	**Equipment:** VD H641
Location: Edge of Pond	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
	5-5.0 feet BGS
	5.0-10.0 feet BGS
	10.0-15.0 feet BGS
	15.0-20.0 feet BGS
	20.0-25.0 feet BGS
	25.0-30.0 feet BGS
	30.0-35.0 feet BGS
	35.0-40.0 feet BGS
	40.0-45.0 feet BGS
	45.0-50.0 feet BGS

Comments:

1st attempt well bent @11.5'BGS while driving to 20'. Two couplets 15'-25' and 30'-40'.

Materials

Unscreened Pipe: 45 feet	**Additional Tubing:** 325 feet
Screen Length: 5 feet	**Additional Vials:** 10
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

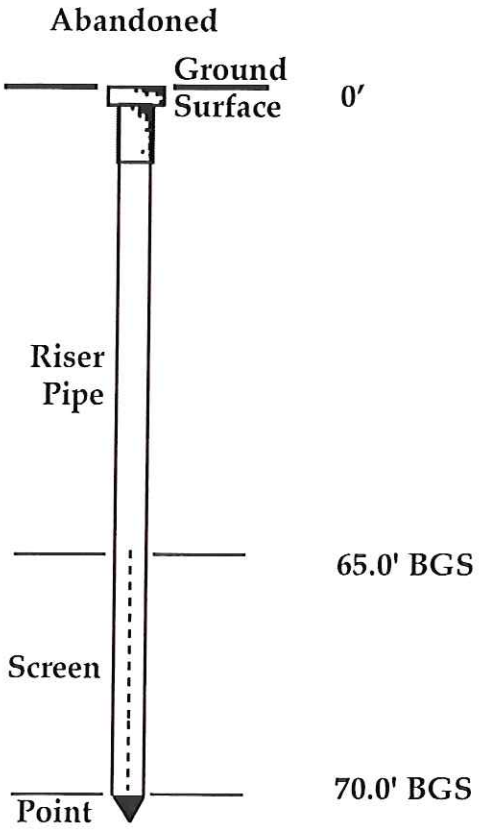
MicroWell® Installation Log

VP-E

Project Name: MACTEC/Providence	Date: 12/16/08
Project Number: 08209	Equipment: VD H641
Location: Mashapoug Pond	PSA Personnel: MC
Pipe ID: 1.05″, Pipe OD: 1.32″ Screen Slot Width: 0.015″	W.L.: 0' BGS (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
	5-5.0 feet BGS
	5.0-10.0 feet BGS
	10.0-15.0 feet BGS
	15.0-20.0 feet BGS
	20.0-25.0 feet BGS
	25.0-30.0 feet BGS
	30.0-35.0 feet BGS
	35.0-40.0 feet BGS
	40.0-45.0 feet BGS
	45.0-50.0 feet BGS
	50.0-55.0 feet BGS
	55.0-65.0 feet BGS
	60.0-65.0 feet BGS

Comments: Last interval not sampled. Filled with bentonite and driven below pond.

Materials

Unscreened Pipe 65 feet	Tubing: 520 feet
Screen Length: 5 feet	Vials: 10
Points: 1	Bailers: 1
Finish: Abandoned	

Pine & Swallow Environmental

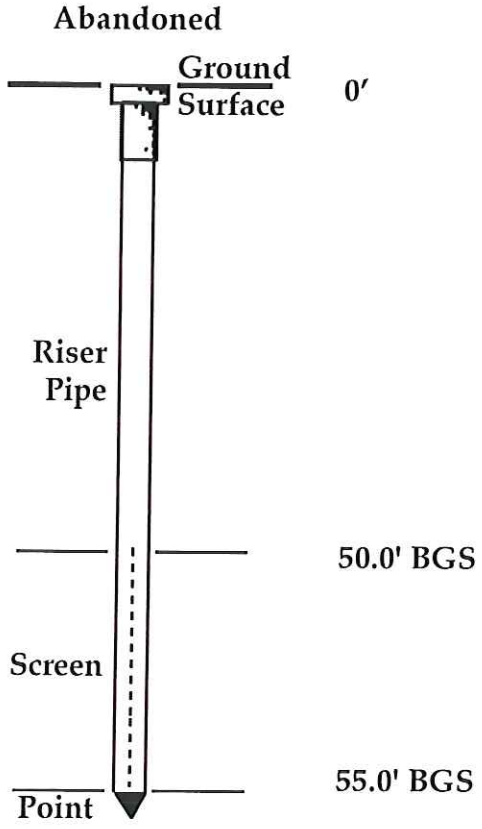
MicroWell® Installation Log

VP-F

Project Name: MACTEC/Providence	Date: 12/15/08
Project Number: 08209	Equipment: VD H641
Location: Mashapoug Pond	PSA Personnel: MC
Pipe ID: 1.05″, Pipe OD: 1.32″ Screen Slot Width: 0.015″	W.L.: 0' BGS (may not be stabilized)

Well Schematic

(not to scale)



Sampling Information

Sample ID	Screened Interval
	5-5.0 feet BGS
	5.0-10.0 feet BGS
	10.0-15.0 feet BGS
	15.0-20.0 feet BGS
	20.0-25.0 feet BGS
	25.0-30.0 feet BGS
	30.0-35.0 feet BGS
	35.0-40.0 feet BGS
	40.0-45.0 feet BGS
	45.0-50.0 feet BGS

Comments: Last interval not sampled. Filled with bentonite and driven below pond.

Materials

Unscreened Pipe: 50 feet	Tubing: 325 feet
Screen Length: 5 feet	Vials: 10
Points: 1	Bailers: 0
Finish: Abandoned	

Pine & Swallow Environmental

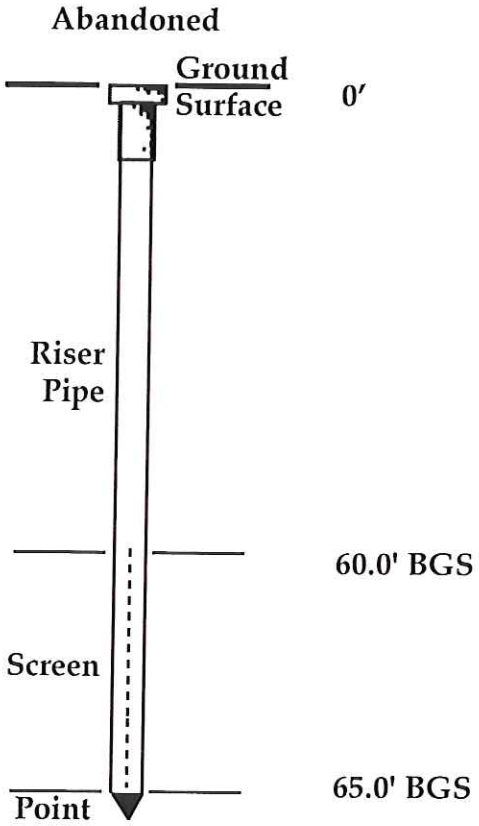
MicroWell® Installation Log

VP-G

Project Name: MACTEC/Providence	Date: 12/18/08
Project Number: 08209	Equipment: VD H641
Location: Mashapoug Pond	PSA Personnel: MC
Pipe ID: 1.05", Pipe OD: 1.32" Screen Slot Width: 0.015"	W.L.: 0' BGS (may not be stabilized)

Well Schematic

(not to scale)



Refusal:

Sampling Information

Sample ID	Screened Interval
	5-5.0 feet BGS
	5.0-10.0 feet BGS
	10.0-15.0 feet BGS
	15.0-20.0 feet BGS
	20.0-25.0 feet BGS
	25.0-30.0 feet BGS
	30.0-35.0 feet BGS
	35.0-40.0 feet BGS
	40.0-45.0 feet BGS
	45.0-50.0 feet BGS
	50.0-55.0 feet BGS

Comments:

Last interval not sampled. Filled with bentonite and driven below pond.

GPS-GIS

N 41° 47' 78.40"
W 071° 25' 28.559"

Materials

Unscreened Pipe: 60 feet
Screen Length: 5 feet
Points: 1
Finish: Abandoned

Tubing: 325 feet
Vials: 10
Bailers: 0

Pine & Swallow Environmental

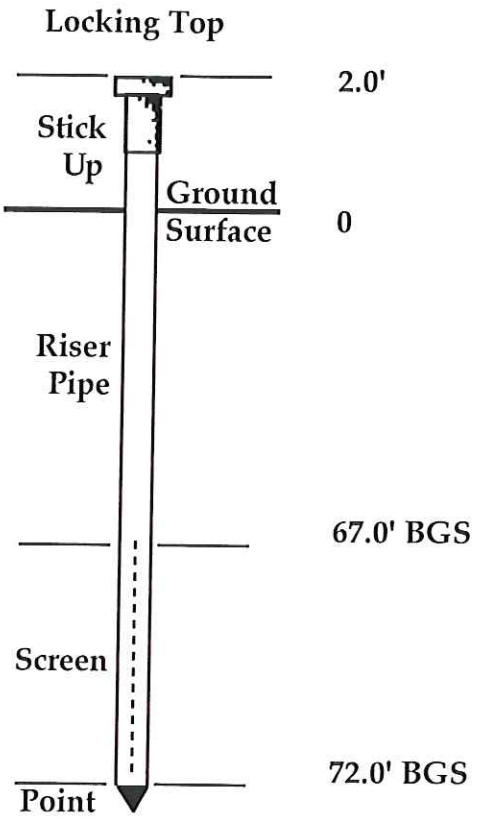
MicroWell® Installation Log

VP-H

Project Name: MACTEC/Providence	**Date:** 12/23/08
PSA Project Number: 08209	**Equipment:** VD H641
Location: Edge of Pond	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.4' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
	2.0-7.0 feet BGS
	7.0-12.0 feet BGS
	12.0-17.0 feet BGS
	17.0-22.0 feet BGS
	22.0-27.0 feet BGS
	27.0-32.0 feet BGS
	32.0-37.0 feet BGS
	37.0-42.0 feet BGS
	42.0-47.0 feet BGS
	47.0-52.0 feet BGS
	52.0-57.0 feet BGS
	57.0-62.0 feet BGS
	62.0-67.0 feet BGS
	67.0-72.0 feet BGS

Comments: Left 2-foot stick up to continue to depth.

Materials

Unscreened Pipe:	**69 feet**	**Additional Tubing:**	**546 feet**
Screen Length:	**5 feet**	**Additional Vials:**	**14**
Points:	**1**	**Bailers:**	**0**
Finish:	**Locking Top**		

Pine & Swallow Environmental

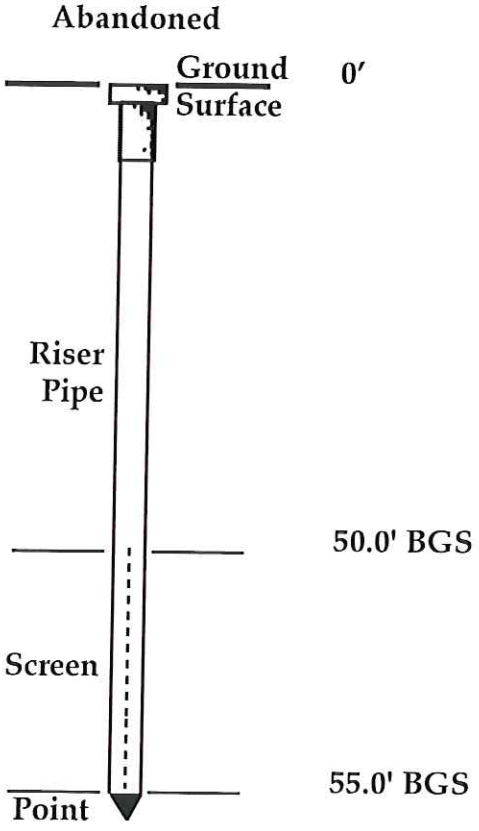
MicroWell® Installation Log

VP-I

Project Name: MACTEC/Providence	Date: 12/18/09
Project Number: 08209	Equipment: VD H641
Location: Mashapoug Pond	PSA Personnel: MC
Pipe ID: 1.05", Pipe OD: 1.32" Screen Slot Width: 0.015"	W.L.: 0' BGS (may not be stabilized)

Well Schematic

(not to scale)



Refusal:

Sampling Information

Sample ID	Screened Interval
	5-5.0 feet BGS
	5.0-10.0 feet BGS
	10.0-15.0 feet BGS
	15.0-20.0 feet BGS
	20.0-25.0 feet BGS
	25.0-30.0 feet BGS
	30.0-35.0 feet BGS
	35.0-40.0 feet BGS
	40.0-45.0 feet BGS
	45.0-50.0 feet BGS

Comments:

Last interval not sampled. Filled with bentonite and driven below pond.

Materials

Unscreened Pipe: 50 feet	Tubing: 325 feet
Screen Length: 5 feet	Vials: 9
Points: 1	Bailers: 0
Finish: Abandoned	

Pine & Swallow Environmental

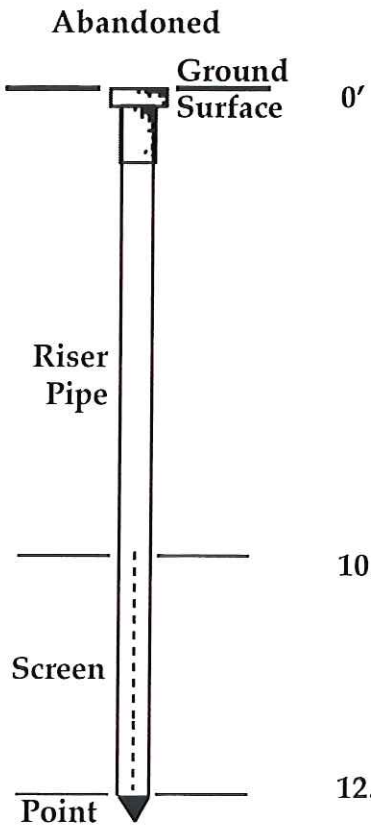
MicroWell® Installation Log

SED-19

Project Name: MACTEC/Providence	Date: 12/19/08
Project Number: 08209	Equipment: VD H641
Location: Mashapoug Pond	PSA Personnel: MC
Pipe ID: 1.05", Pipe OD: 1.32" Screen Slot Width: 0.015"	W.L.: 0' BGS (may not be stabilized)

Well Schematic

(not to scale)



Refusal:

Sampling Information

Sample ID	Screened Interval
	0-2.0 feet BGS
	2.0-4.0 feet BGS
	4.0-6.0 feet BGS
	6.0-8.0 feet BGS

Comments: Last interval not sampled. Filled with bentonite and driven below pond.

Materials

Unscreened Pipe: 10 feet	Tubing: 30 feet
Screen Length: 2 feet	Vials: 10
Points: 1	Bailers: 0
Finish: Abandoned	

Pine & Swallow Environmental

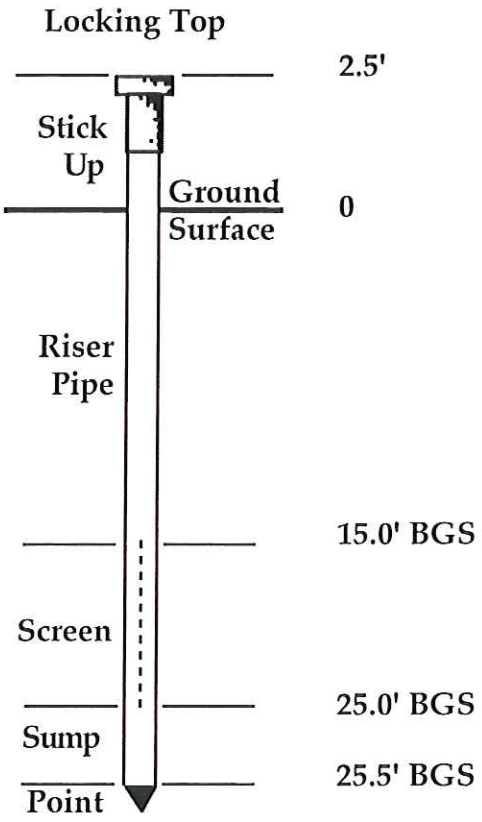
MicroWell® Installation Log

VP-B Shallow Couplet

Project Name: MACTEC/Providence	**Date:** 12/23/08
PSA Project Number: 08209	**Equipment:** VD H641
Location: Edge of Pond	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 18 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

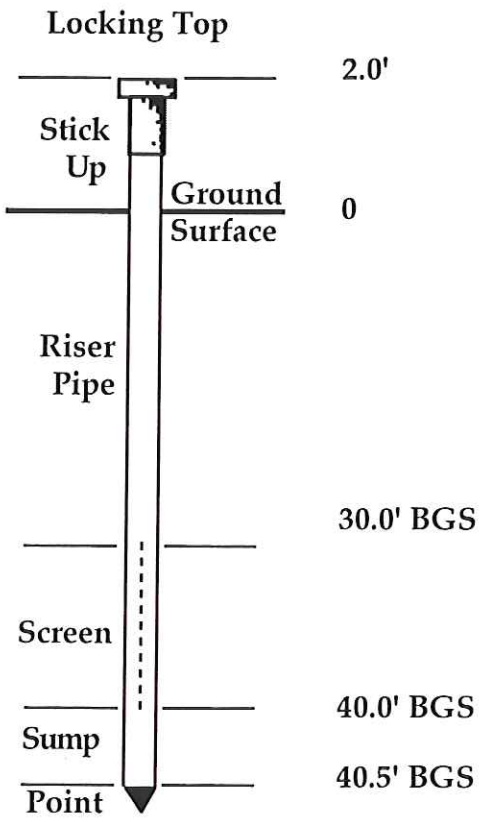
MicroWell® Installation Log

VP-B Deep Couplet

Project Name: MACTEC/Providence	**Date:** 12/23/08
PSA Project Number: 08209	**Equipment:** VD H641
Location: Edge of Pond	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 32.5 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

Analytical Results

Mobile Laboratory Services
Groundwater Analysis
Stop and Shop Barge

(ppb)

Sample ID	COMMMENTS	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
12/15/2008	19:30	POWER UP									
45-50F		U	U	U	U	U	U	U	U	0.4J	U
40-45F		U	1.6	0.4J	U	3.9J	U	U	U	1	U
35-40F		U	12	U	U	3.9J	U	U	U	.0.6J	U
30-35F		U	17	0.3J	3.2J	4.4J	U	U	U	5.4	U
25-30F		U	11	0.3J	4.0J	7.9	U	U	U	14	U
20-25F		U	25	0.4J	3.5J	8.9	U	U	U	17	U
15-20F		U	11	0.5J	3.3J	11	U	U	U	14	U
10-15F		U	14	1.1	3.3J	21	U	0.9J	U	15	U
5-10F	12/19/08	U	13	1.2J	3.4J	25	U	U	U	16	U
0-5F	CK	U	15	1.3	3.3J	18	U	0.7J	12	2.2	U
12/16/2008	10:00										
0-5E		U	U	U	U	4.4J	0.8J	0.8	U	0.8	0.7
5-10E		U	U	U	U	U	12	11	U	2.8	0.6
40-45E	PRI	U	1.4	U	U	4.5J	U	0.4J	U	11	U
10-15E		100	U	U	U	U	U	3.3	U	7.6	0.6
15-20E		U	U	U	U	U	U	1.1	U	5	U
20-25E		U	U	U	U	3.9J	U	1.8	U	9.5	U
25-30E		76	U	1.3	3.2J	4.0J	3.8J	3	U	10	0.5J
30-35E		280	U	4.5	3.4J	5.2	16	21	U	E	0.6
30-35E	X10	U	U	U	U	U	U	20D	U	60D	U
45-50E	PRI	U	1	0.4J	3.2J	4.3J	U	U	U	7.1	U
50-55E	PRI	U	1.6	U	U	4.8J	U	U	U	12	U
35-40E		U	1.5	0.7J	3.2J	4.2J	U	3.5	U	14	U
55-60E		U	2.9	0.5J	U	4.5J	U	U	U	0.8	U
60-65E		U	1.3	U	U	U	U	U	U	U	U
12/18/2008	10:00										
40-45G	PRI	U	U	U	U	U	U	U	U	0.4J	U
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Groundwater Analysis
Stop and Shop Barge

(ppb)

Sample ID	COMMMENTS	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
45-50G	PRI	U	U	U	U	U	U	U	U	U	U
35-40G		U	U	U	U	U	U	U	U	0.6	0.6
50-55G	PRI	U	U	U	U	U	U	U	U	U	U
30-35G		U	1.9	0.6J	3.2J	5.7	3.0J	U	3.1J	22E	0.7
25-30G		U	1.9	0.7J	3.4J	6.3	0.9J	U	U	36E	1.9
30-35G	X10	U	U	U	U	U	U	U	U	26D	U
25-30G	X10	U	U	U	U	U	U	U	U	36D	U
20-25G		U	1.9	1.1	4.3	23	1.2J	U	U	31	1.2
15-20G		U	19	0.9J	3.9J	23	1.8J	U	U	12	0.8
10-15G		U	66	U	3.3J	4.2J	1.4J	U	U	0.4J	0.6
5-10G	ETH?	U	2.3	0.8J	3.2J	4.2J	0.8J	0.3J	3.2J	1	0.8
0-5G		U	1.4	0.4J	3.2J	5.4	U	0.6	U	5.8	4.3
0-5I		U	U	U	U	7	U	0.5	U	1	0.7
5-10I		U	2	0.5J	3.3J	9	U	0.7J	U	8.4	U
10-15I		U	3	U	3.2J	6.7	U	U	U	17	U
15-20I		U	2.7	U	3.2J	5.4	U	U	U	17	U
20-25I		U	3.9	U	U	4.7J	U	U	U	13	U
25-30I		U	2.6	U	U	4.6	U	U	U	21	U
30-35I		U	1.7	0.4J	U	4.2J	U	U	U	11	U
35-40I		U	1.5	U	U	3.9J	U	U	U	5.8	U
40-45I		U	U	U	U	U	U	U	U	0.5	U
45-50I		U	U	U	U	U	U	U	U	0.7	U
12/19/2008	7:00										
5-10F RERUN	12/16/08	U	13	1.2J	3.4J	25	U	U	U	16	U
0-2SED		U	9.3	2.5	3.5J	24	3.7J	3.5	U	5.6	0.6
2-4SED		U	5	3.4	3.5J	18	3.0J	17E	U	E	0.7
2-4SED	X10	U	U	U	U	U	U	28D	U	100D	U
4-6SED		U	6	2.2	3.3J	16	2.2J	8.6	U	44E	0.6
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Groundwater Analysis
Stop and Shop Barge

(ppb)

Sample ID	COMMMENTS	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
6-8SED		U	7.9	1.1	3.3J	18	1.2J	0.7J	U	19	0.6
4-6SED	X10	U	U	U	U	U	U	10D	U	45D	U
2-5A		U	7.9	0.6J	3.3J	3.9J	U	0.3J	U	0.5	0.6
7-12A		U	19	U	U	U	1.7J	0.4J	U	0.6	0.6
12-17A		U	U	U	U	U	U	0.5	U	0.5	U
17-22A		U	U	U	U	U	U	1.8	U	0.6	0.6
22-27A		U	U	U	U	U	U	1.5	U	0.5	0.6
27-32A		U	U	U	U	U	U	0.9J	U	0.5	0.6
37-42A	PRI	U	U	U	U	3.9J	U	0.8	U	0.8	0.6
32-37A		U	U	U	U	4.0J	U	1.5	U	0.9	0.6
12/22/2008	8:00										
0-5B		U	2.2	U	U	U	U	U	U	0.4J	0.6
5-10B		U	U	U	U	5.1	U	U	U	0.4J	U
10-15B		U	4	0.3J	3.4J	4.2J	1.2J	U	U	0.4J	U
15-20B		U	2.3	U	U	13	0.9J	U	U	7.7	1.8
20-25B		U	1.3	0.5J	3.2J	14	U	U	U	11	1.2
25-30B		U	1.5	0.6J	3.3J	23	1.2J	U	U	13	1.2
30-35B		U	1.5	0.6J	3.7J	23	1.0J	U	U	17	0.7
35-40B		U	1.2	0.6J	4.0J	14	1.1J	U	U	12	0.6J
40-45B		U	U	U	U	U	U	U	U	0.4J	U
45-50B		U	U	0.4J	3.2J	5.2	U	U	U	1.3	U
12/23/2008	7:30										
2-7H	10:32	110	1.8	U	U	4.8J	6.9	E	U	1.1	U
2.-7H	X10	U	U	U	U	U	U	60D	U	U	U
7-12H		100	U	0.7J	3.6J	4.1J	12	E	U	1.1	0.5J
7-12H	X10	U	U	U	U	U	U	120D	U	U	U
12-17H		82	1.4	3.1	3.3J	5.8	38	E	U	5	0.6J
12-17H	X10	U	U	U	U	U	U	60D	U	U	U
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Groundwater Analysis
Stop and Shop Barge

(ppb)

Sample ID	COMMMENTS	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
17-22H		U	1.5	1	U	4.4J	11	6.4	U	1.8	0.6J
22-27H	*	U	1.7	2.1	3.3J	U	U	0.4J	U	0.6J	U
27-32H		U	1.6	28	8.6	61	73	U	U	E	E
27-32H	X100	U	U	U	U	U	U	U	U	1200D	100D
32-37H		U	21	28	11	39	81	E	U	E	E
52-57H	PRI	U	4.7	5.4	3.2J	6.3	30	E	U	E	1.2
57-62H	PRI	U	4.7	3.6	3.4J	7.9	21	E	U	E	0.9J
52-57H	X100	U	U	U	U	U	U	180D	U	200D	U
57-62H	X100	U	U	U	U	U	U	140D	U	440D	U
62-67H	PRI	U	5.8	6.4	3.6J	11	31	E	U	E	U
67-72H	PRI	U	8.7	7.1	3.8J	13	U	E	U	E	1
62-67H	X100	U	U	U	U	U	U	130D	U	650D	U
67-72H	X100	U	U	U	U	U	U	150D	U	800D	U
32-37H	X100	U	U	U	U	U	U	550D	U	750D	74D
37-42H		U	26	26	3.3J	28	72	E	U	E	2.1
42-47H		U	22	19	3.6J	21	54	E	U	E	1.6
47-52H		U	14	18	3.8J	15	53	E	U	E	2.3
37-42H	X100	U	U	U	U	U	U	450D	U	220D	U
42-47H	X100	U	U	U	U	U	U	390D	U	180D	U
47-52H	X100	U	U	U	U	U	U	290D	U	230D	U
Detection limits		50	1.0	1.0	5.0	5.0	5.0	1.0	5.0	1.0	1.0

U=Analyte not detected above sample quantitation limit.
E=Concentration of this analytes exceeds the calibration range of instrument.
J=Analyte detected but less than the lowest calibration standard.
D=The positive value is the result of an analysis at a dilution as noted.
*= Short sample

Pine&Swallow
ENVIRONMENTAL

Limited Subsurface Investigation
Providence, Rhode Island

Prepared for

MACTEC Engineering and Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880
Attn: David Heislein

November 24, 2009
P&S Reference Number: 09202

Pine&Swallow ENVIRONMENTAL
867 Boston Road
Groton, MA 01450

Limited Subsurface Investigation
Providence, Rhode Island

Prepared for

MACTEC Engineering and Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880
Attn: David Heislein

Prepared by

PINE & SWALLOW ENVIRONMENTAL
Environmental Field Services

867 Boston Road
Groton, MA 01450
978-448-9511

November 24, 2009
P&S Reference Number: 09202

Pine&Swallow
ENVIRONMENTAL

Vertical Profiling • Direct Push Drilling • Mobile Laboratory • Soil Vapor Surveys • High Pressure Injection

November 24, 2009
David Heislein
MACTEC Engineering and Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

RE: Providence, Rhode Island

Dear Daron,

In accordance with the proposal dated September 24, 2009, enclosed is our report on subsurface investigations performed at the Providence site. This report summarizes the equipment and procedures employed by P&S for the installation of MicroWells as well as the results of on-site gas chromatographic analyses of groundwater.

We appreciated the opportunity to work with you and thank you for engaging our services for this project. If there are any questions, please do not hesitate to call.

Sincerely yours,
Pine & Swallow Environmental

Michael Agonis
Operations Manager/Environmental Scientist

867 Boston Road, Groton, MA 01450 Tel: 978-448-9511 Fax: 978-448-6645 www.pineandswallow.com

Limited Subsurface Investigation
Providence, Rhode Island

I. INTRODUCTION AND PROGRAM SUMMARY

From November 4 through 18, 2009, Pine & Swallow Environmental (P&S) conducted limited subsurface investigations of the Providence site. The purpose of P&S's effort was to assist MACTEC Engineering and Consulting, Inc. in assessing groundwater conditions at the site. Details of equipment and procedures for MicroWell® installation programs and the methodology and results of on-site gas chromatographic (GC) analyses of groundwater samples for selected volatile organic compounds are enclosed.

Program Summary

P&S installed twenty (20) MicroWells and advanced two (2) previously installed MicroWells. Ten (10) of the wells were sequentially sampled to permit vertical profiling of groundwater quality and the remaining twelve (12) wells were installed as couplets to the profiled wells. One hundred two (102) groundwater samples analyzed in P&S's field laboratory for chloroethane, vinyl chloride, 1-1-dichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, 1,2-dichloroethane, trichloroethene and tetrachloroethene.

All installation and sampling locations were chosen by MACTEC Engineering and Consulting, Inc. field personnel. All analyses were performed in P&S's field laboratory for compounds determined by MACTEC Engineering and Consulting, Inc.'s program.

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II. FIELD INVESTIGATION METHODS AND PROCEDURES

GROUNDWATER INVESTIGATION

MicroWell Installation Equipment and Methods

P&S's study included installation of MicroWells for groundwater sampling and water level measurements. MicroWells consist of 0.84-inch, 1.3-inch or 1.9-inch O.D. steam-cleaned steel pipe whose leading end is fitted with a drive point. Screens, manufactured from the same material, consist of a double row of longitudinal slots 0.015-inch wide on the half-inch pipe. Screens in 1.3-inch or 1.9-inch pipe consist of double rows of longitudinal slots 0.015-inch wide. In all cases, each slot is two inches long and is separated from the next slot by 1/4-inch of unslotted pipe.

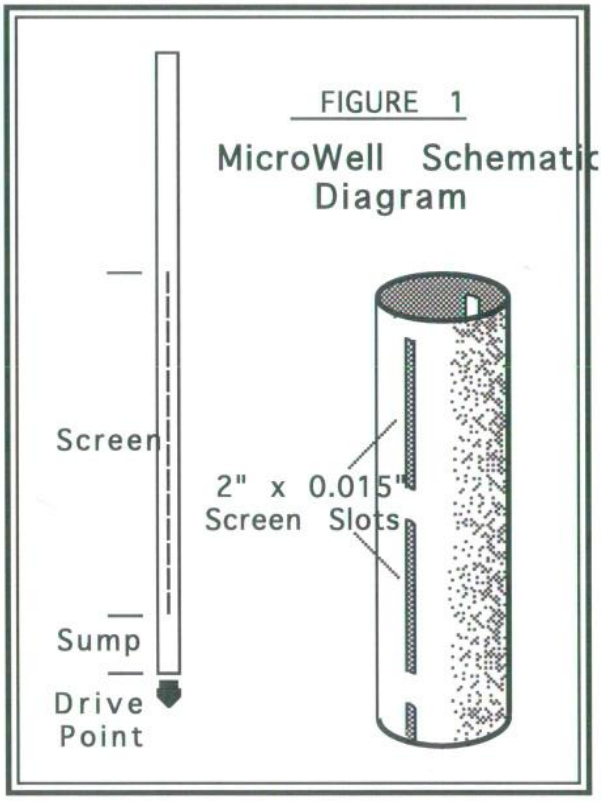


FIGURE 1
MicroWell Schematic Diagram

MicroWells are installed by a high frequency vibratory hammer mounted on a VibraDrill® all terrain drilling machine. VibraDrills are capable of driving 12-foot sections or 21-foot sections of pipe depending upon the model; to drive deeper, additional sections of riser pipe are welded or crimped on by means of an external steel collar.

Immediately after driving is completed a water level measurement is taken with a Slope Indicator water level meter. Wells are then developed with an inertial pump to remove silt and fine sand that has entered through screen slots. Pumping continues until discharge water is free of sediment wherever possible. Samples from MicroWells for VOC analysis are obtained in lab-clean 40 mL vials with septum screw caps using new polyethylene tubing dedicated to each well and sampling interval and following P&S

sampling protocols All re-usable sampling equipment is decontaminated between locations by rinsing with methanol and distilled water.

Sequential sampling is performed by driving the well screen to a predetermined depth and collecting a sample following P&S's standard sampling procedures. A section of riser pipe is then connected, the well driven to the next sampling interval and a subsequent sample taken. At each sampling level, at least three well volumes are removed from the well prior to sampling. Samples are collected in lab-clean 40 mL vials. Pump valves are decontaminated with methanol and rinsed with distilled water between samples.

MicroWell Program

P&S installed twenty (20) MicroWells and advanced two (2) previously installed MicroWells. Ten (10) of the wells were sequentially sampled to permit vertical profiling of groundwater quality and the remaining twelve (12) wells were installed as couplets to the profiled wells. MicroWell depths ranged from fifteen (15) to one hundred and fifteen (115) feet BGS. Eighteen installations were completed with stick ups and locking caps and four were completed flush with grade inside road boxes. MicroWell logs are included in the Appendix

Wells were sampled with an inertial pump according to P&S's Standard Operating Procedures. Sequential sampling was performed at ten of the MicroWells. Each well was sampled with dedicated polyethylene tubing, however sample tubing was re-used for subsequent sampling intervals from each well, at the direction of MACTEC personnel.

ON-SITE CHEMICAL ANALYSIS

P&S utilizes Hewlett Packard 5890 gas chromatographs and a Tekmar 7000/7050 Static Headspace and Autosampler to analyze soil, water and soil gas matrices for a variety of organic environmental contaminants. Gas chromatography (GC) technology physically

separates the components of a contaminated matrix and the contaminants are then identified using compound-specific detectors. P&S's GC instrumentation currently employs three different detection modes. The electron capture detector (ECD) is primarily used to identify electromagnetic molecules such as chlorinated, brominated and fluorinated compounds. The photoionization detector (PID) is effective in the determination of aromatic and/or aliphatic contaminants such as benzene, toluene, ethylbenzene and xylenes (BTEX). The flame ionization detector (FID) identifies hydrocarbon-containing molecules such as polynuclear aromatic hydrocarbons and petroleum fuel constituents. Analysis is conducted in accordance with P&S's Standard Operating Procedures (SOPs).

For water and soil headspace sample matrices which are analyzed to determine BTEX/MTBE and chlorinated contaminants, field samples undergo preparation steps prior to analysis. For water samples (collected in 40 mL VOA vials), an aliquot of the water sample is removed from the closed sampling vial and transferred to a 22 ml autosampler vial in the lab. PID/ECD detector modes are utilized for compound identification. For soil matrices, an aliquot of soil of approximately 4 to 6 grams is collected in the field and immediately transferred to a 22 mL sampling vial containing organic-free, distilled reagent water with headspace in the vial.

The following are typical autosampler analytical conditions. Auto Sampler: Tekmar 7000/7050 Static Headspace and Autosampler:

Equilibrate:	60°C for 4 min
Vortex Mix:	1.0 min
Stabilize:	2.0 min
Pressurize:	14 psi for 0.3 min
Equilibration:	0.3 min.

An appropriate analytical capillary column is selected for the suite of analytes under study. Once the sample is prepared for analysis and introduced into the GCs heated inlet injection port, it is transported in its gaseous form to the analytical column. As a sample slug migrates through this column, its various components interact with the column film to become temporarily adsorbed and subsequently desorbed. Each compound in the test sample transits the column at a different rate which is temperature controlled and enhanced, hence creating a unique retention time. Each compound also elicits a unique response from the detectors. These responses are translated within the

data collection system in the form of peaks which are assigned height and area values relative to analyses of analytical standards. This data is subsequently evaluated to determine concentration of the target analyte within the sample matrix.

The following are typical GC analytical conditions. GC: Hewlett Packard 5890A. Column: Restek RTX-502.2, 30-m, 0.53-µm ID, 2.0/mm film thickness fused silica capillary column.

Carrier Gas:	Helium
Flow Rate:	10-13 ml/min
Initial Column Temperature:	40°C
Initial Column Holding Time:	2 min
Ramp Rate:	10°C/min
Final Temperature:	130°C
Final Hold Time:	1 min
Approximate GC Cool Down Time:	10 min

NOTE: The typical run time under these conditions is 20 minutes.

Identification and quantification of target analytes detected in the sample are achieved by retention time comparisons to reference standards formulated with analytical grade compounds of known concentrations. In this way, unknowns detected during sample analyses can be identified and concentrations calculated.

For all analyses, blank samples from syringes, sampling equipment and reagents are analyzed periodically to ensure sample and method integrity. Daily check standards are run to verify instrument stability, calibration, sensitivity and performance. Duplicate analyses and replicate sample injections are routinely conducted to support method accuracy and analytical precision.

On-site Analysis of Groundwater Samples

One hundred and two (102) groundwater samples were analyzed for chloroethane, vinyl chloride, 1-1-dichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethane, 1,1,1-trichloroethane, 1,2-dichloroethane, trichloroethene and tetrachloroethene by a Hewlett Packard 5890 GC in P&S's field laboratory. Results of groundwater analyses for the compounds selected by MACTEC Engineering and Consulting, Inc. personnel at Providence are tabulated in the Appendix.

This report is submitted subject to the limitations stated in the Appendix.

APPENDIX

Limitations and Conditions

Standard Abbreviations

MicroWell Logs

Analytical Results

LIMITATIONS AND CONDITIONS

1. The observations described in this report were made under the conditions stated. The conclusions presented in the report were based solely upon the services described and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The report has been prepared in accordance with generally accepted hydrogeological and hydrochemical practices. No other warranty, express or implied, is made.

2. Negative findings for the presence of volatile organic compounds using soil atmosphere analysis are not positive or absolute proof that disposal or discharge of chemicals has not occurred in the past at the sampled locations or anywhere else on the site. Negative findings are not positive or absolute proof that migration, seepage or any other movement of chemicals is not occurring at the sampled locations or elsewhere on the site.

3. Chemical conditions reported herein reflect conditions at the locations tested within the limitations of the methods used. Such conditions can vary rapidly from area to area. No warranty is expressed or implied that chemical conditions other than those reported do not exist within the site.

4. At those locations where volatile organic compounds were reported, chemicals other than those reported may be present. Chemical analyses have been performed for specific parameters during this assessment. However, additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.

5. Water level readings have been made in the wells at the times and under the conditions stated on the MicroWell logs. However, fluctuations in the level of groundwater may occur due to variation in rainfall and other factors different from those prevailing at the time measurements were made.

6. This report has been prepared for MACTEC Engineering and Consulting, Inc. solely for use in an environmental evaluation of property at Providence, Rhode Island.

STANDARD ABBREVIATIONS

Abbreviations which may have been used in this report and in the MicroWell logs.

mg/Kg	milligrams per kilogram
mg/L	milligrams per liter
ppb	parts per billion
ppm	parts per million
µg/g	micrograms per gram
µg/Kg	micrograms per kilogram
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
"	inches (in)
'	feet (ft)
cm	centimeters
m	meters
mL	milliliters
yd	yards

BGS	below ground surface
D-NAPL	dense non-aqueous phase liquid
GC	gas chromatograph
L-NAPL	light non-aqueous phase liquid
OVM	organic vapor meter
Pipe ID	internal diameter of pipe
Pipe OD	external diameter of pipe
Sample ID	sample identification number
TOC	top of casing
Well ID	well identification number
WL	water level

MicroWell Logs

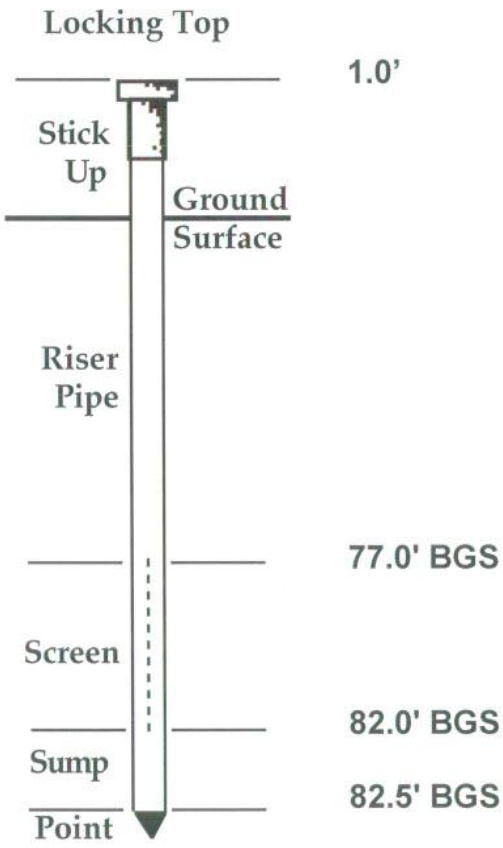
MicroWell® Installation Log

A

Project Name: MacTec/Providence	**Date:** 11/05/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 3.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
Aa	37.0-42.0 feet BGS
Ab	42.0-47.0 feet BGS
Ac	47.0-52.0 feet BGS
Ad	52.0-57.0 feet BGS
Ae	57.0-62.0 feet BGS
Af	62.0-67.0 feet BGS
Ag	67.0-72.0 feet BGS
Ah	72.0-77.0 feet BGS
Ai	77.0-82.0 feet BGS

Comments: Continued existing well.

Materials

Unscreened Pipe: 45 feet
Screen Length: 0 feet
Points: 1
Finish: Locking Top

Additional Tubing: 100' ldpe, 200' hdpe
Additional Vials: 9
Bailers: 0

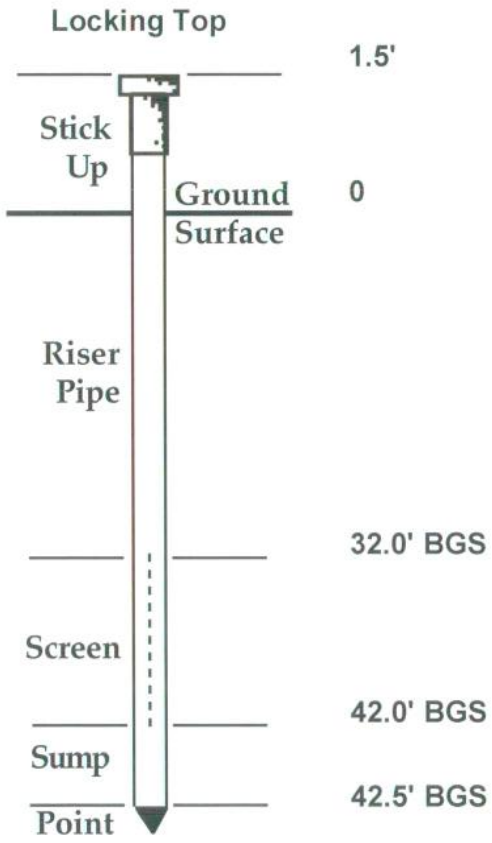
MicroWell® Installation Log

Couplet to A

Project Name: MacTec/Providence	**Date:** 11/06/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

No Sample Taken

Materials

Unscreened Pipe: 34 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

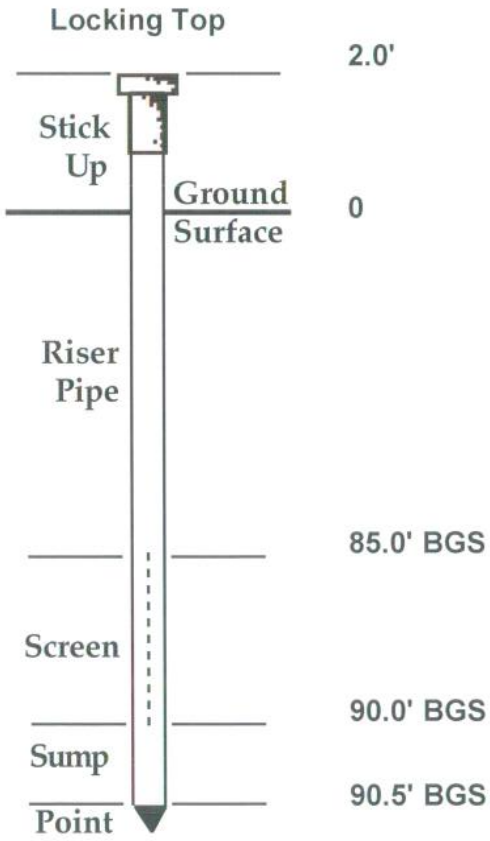
MicroWell® Installation Log

B (new)

Project Name: MacTec/Providence	**Date:** 11/04 & 05/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 3.5' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
Ba	50.0-55.0 feet BGS
Bb	55.0-60.0 feet BGS
Bc	60.0-65.0 feet BGS
Bd	65.0-70.0 feet BGS
Be	70.0-75.0 feet BGS
Bf	75.0-80.0 feet BGS
Bg	80.0-85.0 feet BGS
Bh	85.0-90.0 feet BGS

Comments Continued sampling of new point at depth old point was decommissioned.

Materials

Unscreened Pipe:	87.5 feet	**Additional Tubing:**	100' LDPE, 200' HDPE
Screen Length:	5 feet	**Additional Vials:**	8
Points:	1	**Bailers:**	0
Finish:	Locking Top		

Pine & Swallow Environmental

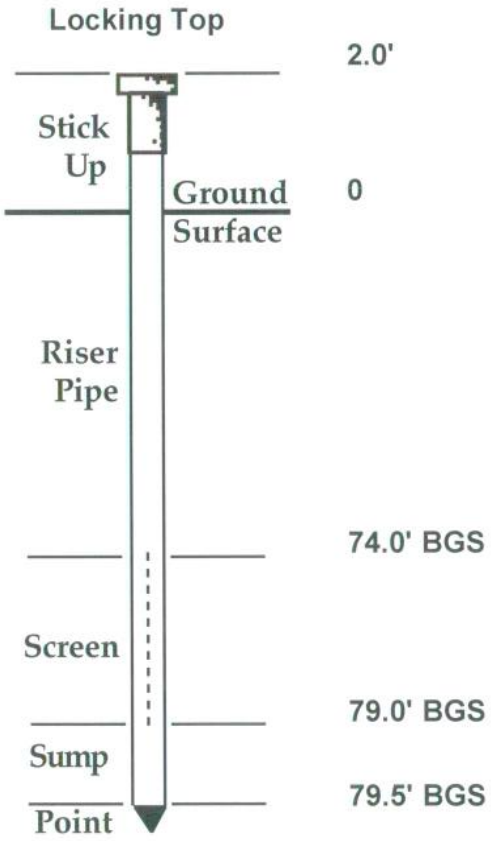
MicroWell® Installation Log

C

Project Name: MacTec/Providence	**Date:** 11/11 & 12/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
Ca	2.0-7.0 feet BGS
Cb	7.0-12.0 feet BGS
Cc	12.0-17.0 feet BGS
Cd	17.0-22.0 feet BGS
Ce	22.0-27.0 feet BGS
Cf	27.0-32.0 feet BGS
Cg	32.0-37.0 feet BGS
Ch	37.0-42.0 feet BGS
Ci	42.0-47.0 feet BGS
Cj	47.0-52.0 feet BGS
Ck	52.0-57.0 feet BGS
(11/12)Cl	57.0-62.0 feet BGS
Cm	62.0-67.0 feet BGS
Cn	67.0-72.0 feet BGS
Co	72.0-77.0 feet BGS

Materials

Unscreened Pipe: 76.5 feet	**Additional Tubing:** 90 ldpe, 90 hdpe
Screen Length: 5 feet	**Additional Vials:** 15
Points: 1	**Bailers:** 1
Finish: Locking Top	

Pine & Swallow Environmental

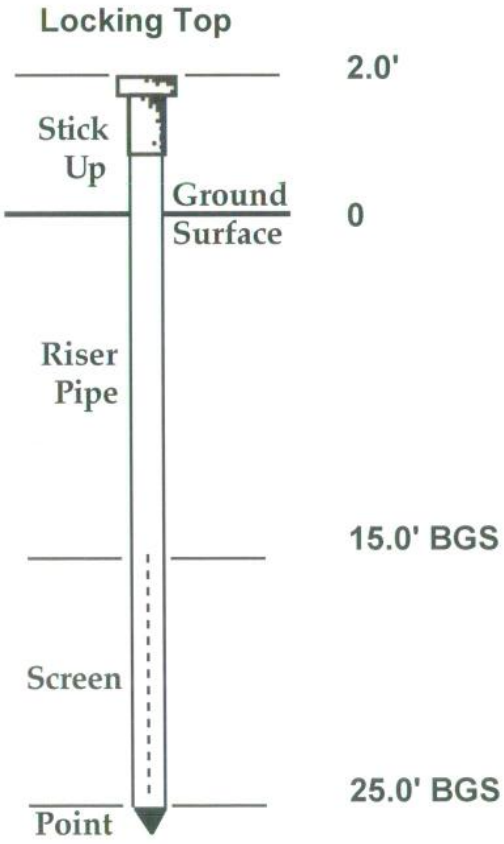
MicroWell® Installation Log

Couplet to C

Project Name: MacTec/Providence	**Date:** 11/17/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.5' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 17 feet
Screen Length: 10 feet
Points: 1
Finish: Locking Top

Additional Tubing: 0 feet
Additional Vials: 0
Bailers: 0

Pine & Swallow Environmental

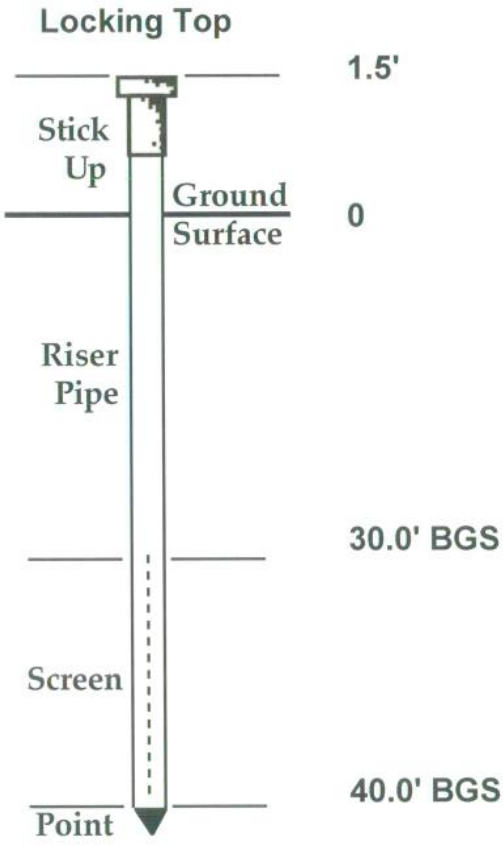
MicroWell® Installation Log

Couplet to C

Project Name: MacTec/Providence	**Date:** 11/17/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.5' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 31.5 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

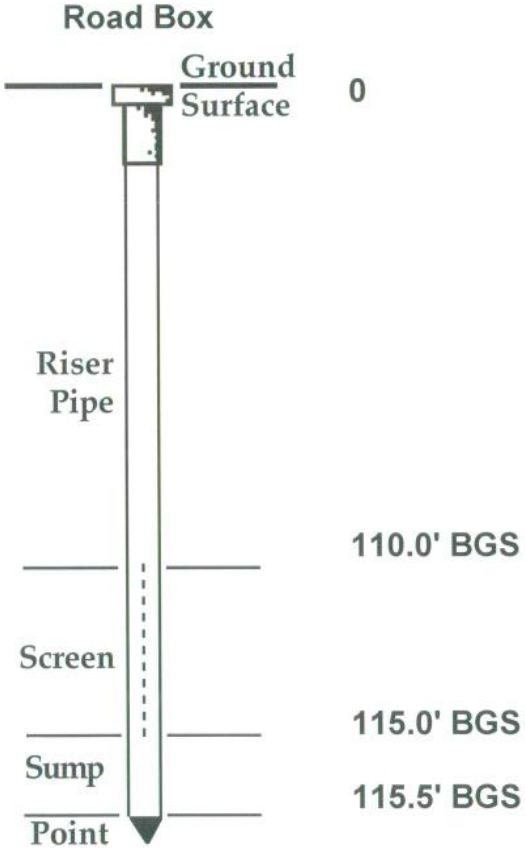
MicroWell® Installation Log

DP-1

Project Name: MacTec/Providence	**Date:** 11/09/09
PSA Project Number: 09202	**Equipment:** VD H641
Location: Parking lot behind old Stop & Shop	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 38.1' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
DP-1a	60.0-65.0 feet BGS
DP-1b	65.0-70.0 feet BGS
DP-1c	70.0-75.0 feet BGS
DP-1d	75.0-80.0 feet BGS
DP-1e	80.0-85.0 feet BGS
DP-1f	85.0-90.0 feet BGS
DP-1g	90.0-95.0 feet BGS
DP-1h	95.0-100.0 feet BGS
DP-1i	100.0-105.0 feet BGS
DP-1J	105.0-110.0 feet BGS
DP-1K	110.0-115.0 feet BGS

Comments: Started sampling @ 60'-65'.

Materials

Unscreened Pipe: 110 feet
Screen Length: 5 feet
Points: 1
Finish: Road Box

Additional Tubing: 150' ldpe, 240' hdpe
Additional Vials: 11
Bailers: 1

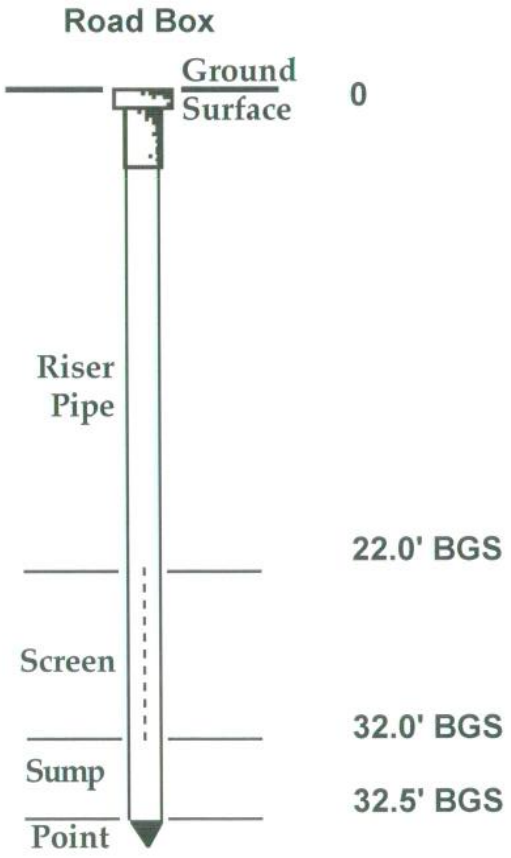
MicroWell® Installation Log

DP-1 (shallow couplet)

Project Name: MacTec/Providence	**Date:** 11/05/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 3.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 22.5 feet	**Additional Tubing:** 0
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Road Box	

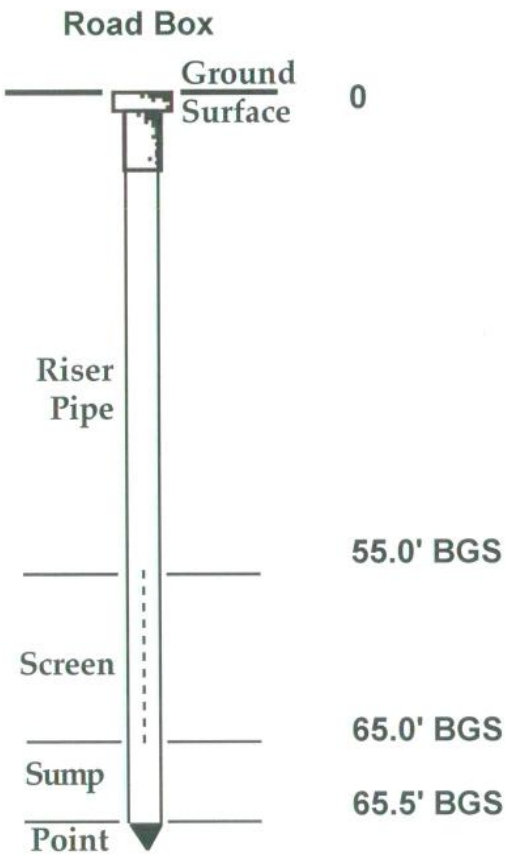
MicroWell® Installation Log

DP-1 (intermediate couplet)

Project Name: MacTec/Providence	**Date:** 11/11/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 24.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 55.5 feet	**Additional Tubing:** 0
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Road Box	

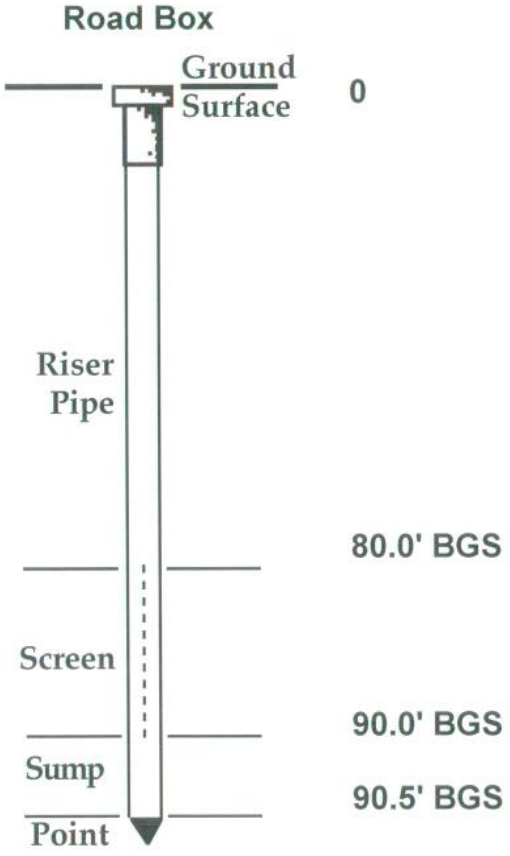
MicroWell® Installation Log

DP-1 (couplet)

Project Name: MacTec/Providence	**Date:** 11/10/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 24.5' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 80.5 feet	**Additional Tubing:** 0
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Road Box	

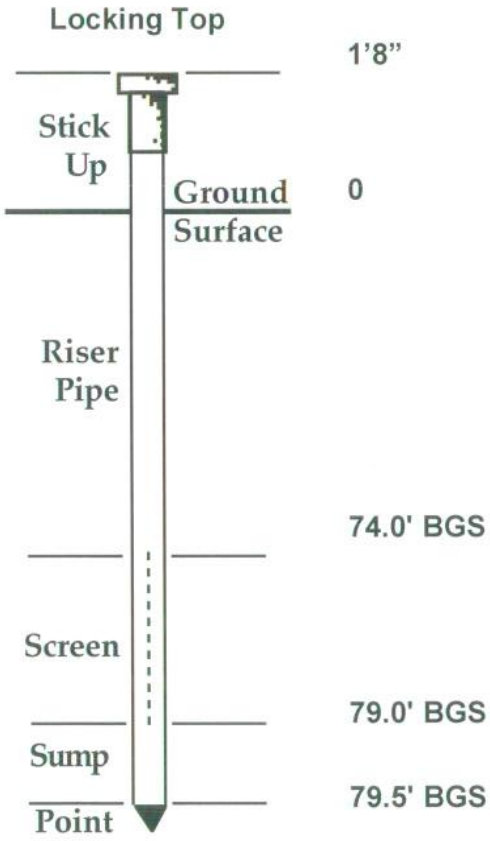
MicroWell® Installation Log

D

Project Name: MacTec/Providence	**Date:** 11/12 & 13/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 4.2'BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
Da	4.0-9.0 feet BGS
Db	9.0-14.0 feet BGS
DD	14.0-19.0 feet BGS
Dd	19.0-24.0 feet BGS
De	24.0-29.0 feet BGS
Df	29.0-34.0 feet BGS
Dg	34.0-39.0 feet BGS
Dh	39.0-44.0 feet BGS
Di	44.0-49.0 feet BGS
Dj	49.0-54.0 feet BGS
(11/13)Dk	54.0-59.0 feet BGS
Dl	59.0-64.0 feet BGS
Dm	64.0-69.0 feet BGS
Dn	69.0-74.0 feet BGS
Do	74.0-79.0 feet BGS

Materials

Unscreened Pipe: 76' 4"
Screen Length: 5 feet
Points: 1
Finish: Locking Top

Additional Tubing: 170 feet HDPE
Additional Vials: 15
Bailers: 1

Pine & Swallow Environmental

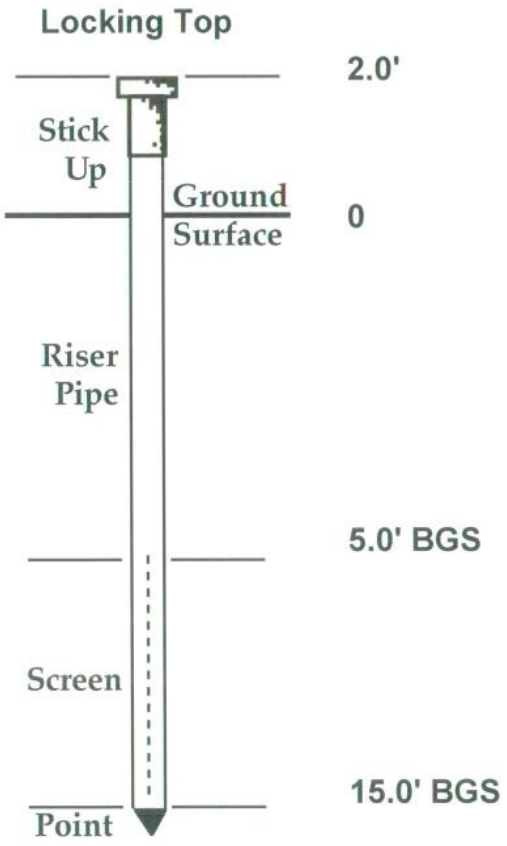
MicroWell® Installation Log

Couplet to D

Project Name: MacTec/Providence	**Date:** 11/17/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 4.2' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 7 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

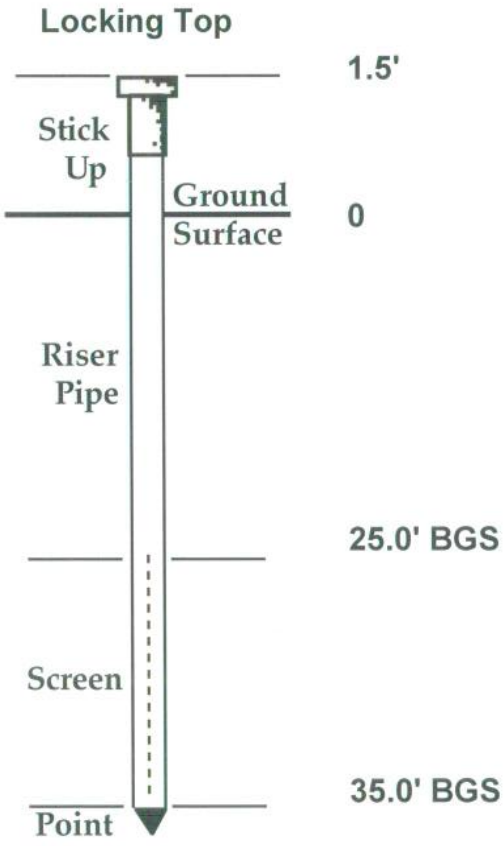
MicroWell® Installation Log

Couplet to D

Project Name: MacTec/Providence	**Date:** 11/17/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 4.2' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 16.5 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

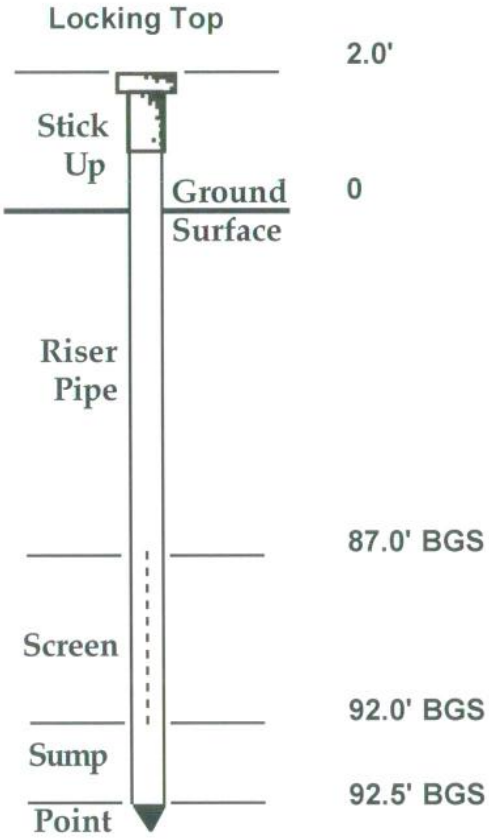
MicroWell® Installation Log

H (continue C)

Project Name: MacTec/Providence	**Date:** 11/04 & 05/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 3.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
Ha	72.0-77.0 feet BGS
Hb	77.0-82.0 feet BGS
Hc	82.0-67.0 feet BGS
Hd	87.0-92.0 feet BGS

Comments Last interval not sampled. Advanced existing well installed in 12/08.

Materials

Unscreened Pipe:	20 feet	**Additional Tubing:**	360 feet
Screen Length:	0 feet	**Additional Vials:**	3
Points:	1	**Bailers:**	0
Finish:	Locking Top		

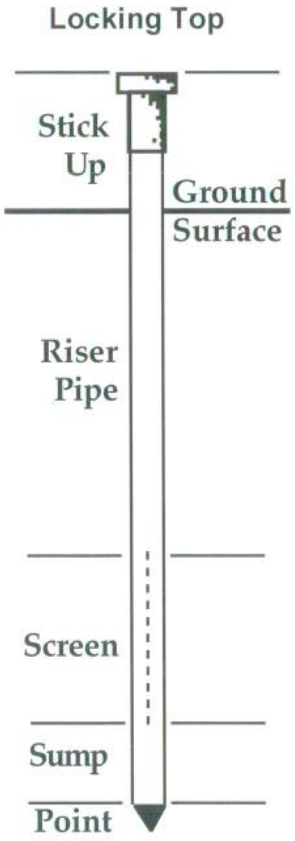
MicroWell® Installation Log

Couplet to H

Project Name: MacTec/Providence	**Date:** 11/05/09
PSA Project Number: 09202	**Equipment:** VD H641
Location: Couplet to H	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 3.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

No Sample Taken

Comments Couplet to H

Materials

Unscreened Pipe:	63 feet	**Additional Tubing:**	0 feet
Screen Length:	10 feet	**Additional Vials:**	0
Points:	1	**Bailers:**	0
Finish:	Locking Top		

Pine & Swallow Environmental

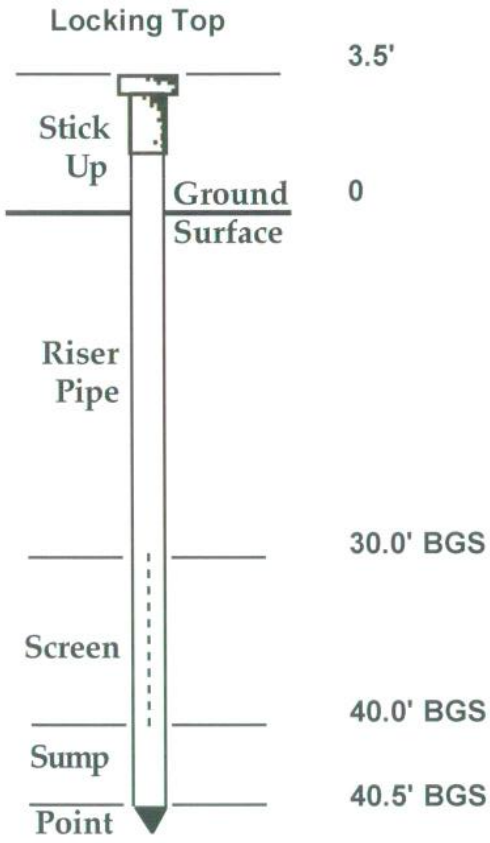
MicroWell® Installation Log

Couplet to H

Project Name: MacTec/Providence	**Date:** 11/05/09
PSA Project Number: 09202	**Equipment:** VD H641
Location: Couplet to H	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 3.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

No Sample Taken

Comments Couplet to H

Materials

Unscreened Pipe:	33.5 feet	**Additional Tubing:**	0 feet
Screen Length:	10 feet	**Additional Vials:**	0
Points:	1	**Bailers:**	0
Finish:	Locking Top		

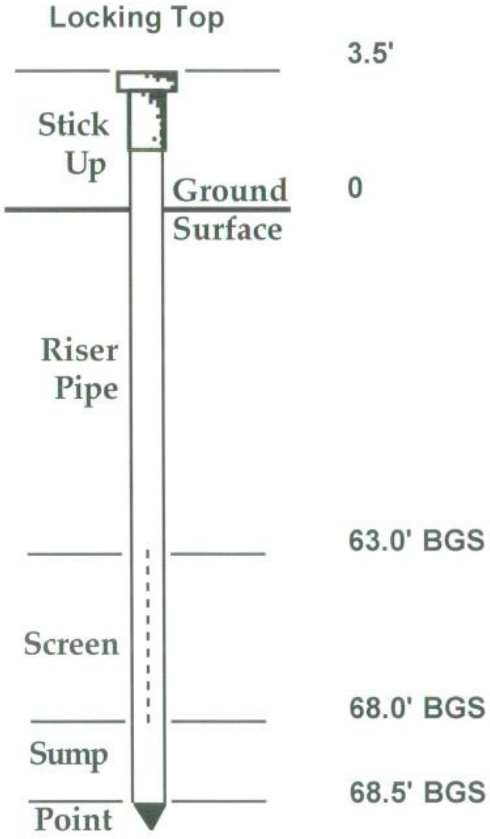
MicroWell® Installation Log

J

Project Name: MacTec/Providence	**Date:** 11/13 & 16/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 4.0' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Samle ID	Screened Interval
Ja	3.0-8.0 feet BGS
Jb	8.0-13.0 feet BGS
JJ	13.0-18.0 feet BGS
JJ	18.0-23.0 feet BGS
Je	23.0-28.0 feet BGS
Jf	28.0-33.0 feet BGS
Jg	33.0-38.0 feet BGS
Jh	38.0-43.0 feet BGS
Ji	43.0-48.0 feet BGS
(11/16)Jj	48.0-53.0 feet BGS
Jk	53.0-58.0 feet BGS
Jl	58.0-63.0 feet BGS
Jm	63.0-68.0 feet BGS

Materials

Unscreened Pipe:	**65.5 feet**	**Additional Tubing:**	**135 feet**
Screen Length:	**5 feet**	**Additional Vials:**	**13**
Points:	**1**	**Bailers:**	**1**
Finish:	**Locking Top**		

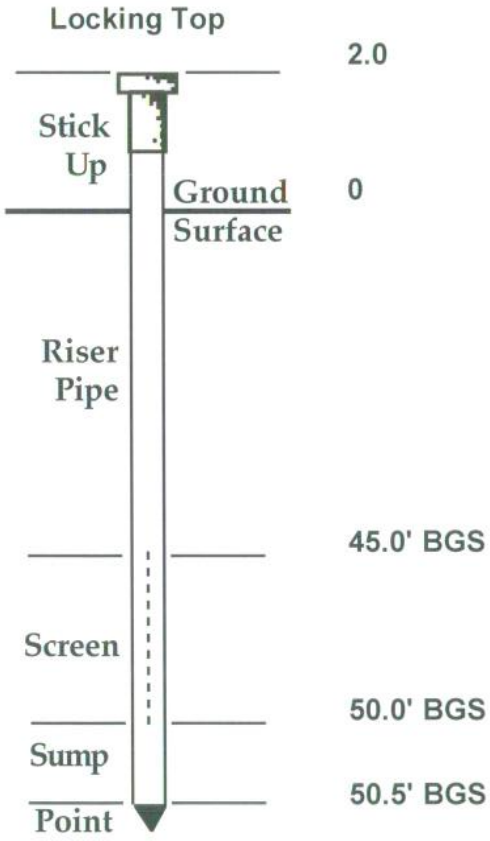
MicroWell® Installation Log

K

Project Name: MacTec/Providence	**Date:** 11/16/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 6' 2" BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sample Information

Sample ID	Screened Interval
Ka	5.0-10.0 feet BGS
Kb	10.0-15.0 feet BGS
KK	15.0-20.0 feet BGS
KK	20.0-25.0 feet BGS
Ke	25.0-30.0 feet BGS
Kf	30.0-35.0 feet BGS
Kg	35.0-40.0 feet BGS
Kh	40.0-45.0 feet BGS
Ki	45.0-50.0 feet BGS

Materials

Unscreened Pipe:	47.5 feet	**Additional Tubing:**	60 feet
Screen Length:	5 feet	**Additional Vials:**	9
Points:	1	**Bailers:**	0
Finish:	Locking Top		

Pine & Swallow Environmental

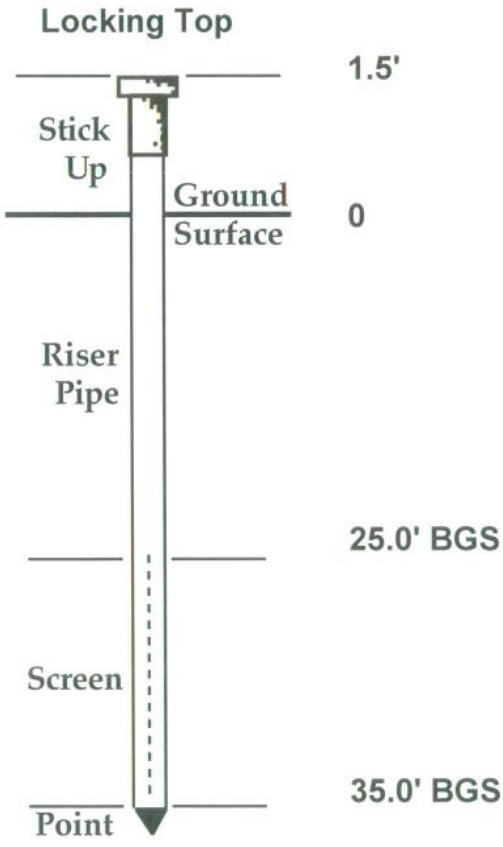
MicroWell® Installation Log

Couplet to K

Project Name: MacTec/Providence	**Date:** 11/17/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 6.2' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 26.5 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

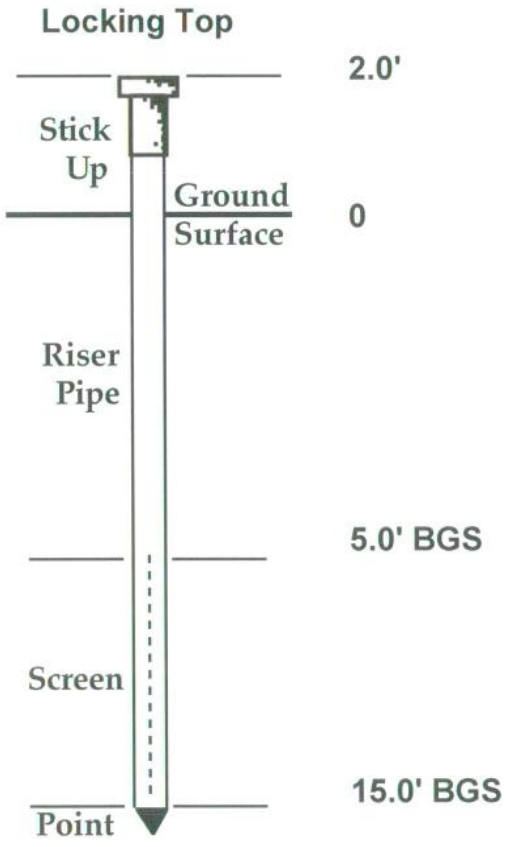
MicroWell® Installation Log

Couplet to K

Project Name: MacTec/Providence	**Date:** 11/17/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 2.5' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Not Sampled

Materials

Unscreened Pipe: 7 feet	**Additional Tubing:** 0 feet
Screen Length: 10 feet	**Additional Vials:** 0
Points: 1	**Bailers:** 0
Finish: Locking Top	

Pine & Swallow Environmental

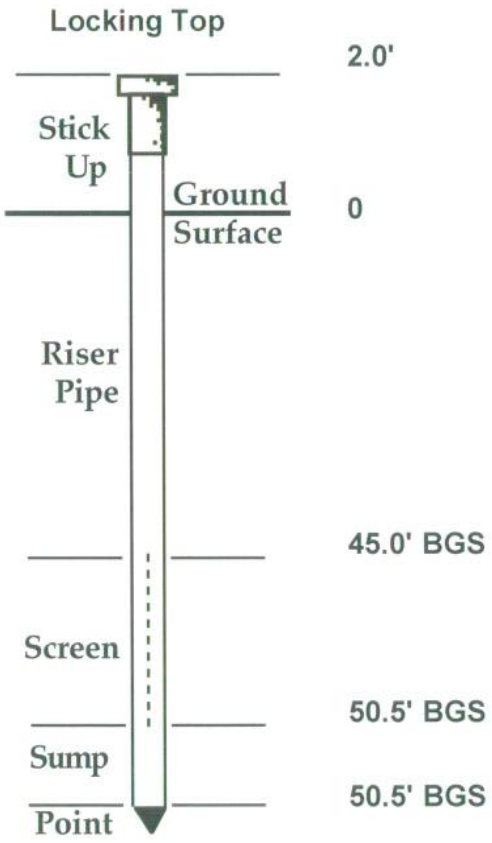
MicroWell® Installation Log

L

Project Name: MacTec/Providence	**Date:** 11/16/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 7.2' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
La	5.0-10.0 feet BGS
LL	10.0-15.0 feet BGS
Lc	15.0-20.0 feet BGS
Ld	20.0-25.0 feet BGS
Le	25.0-30.0 feet BGS
Lf	30.0-35.0 feet BGS
Lg	35.0-40.0 feet BGS
Lh	40.0-45.0 feet BGS
Li	45.0-50.0 feet BGS

Materials

Unscreened Pipe:	47.5 feet	**Additional Tubing:**	60 feet
Screen Length:	5 feet	**Additional Vials:**	9
Points:	1	**Bailers:**	0
Finish:	Locking Top		

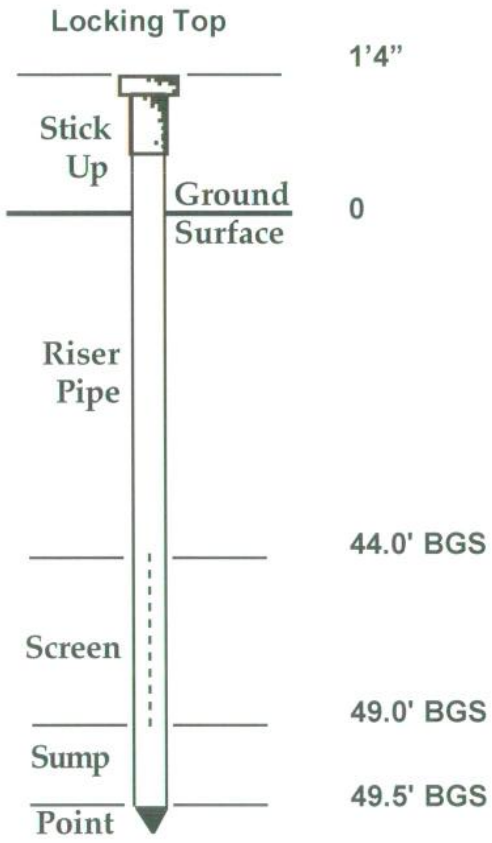
MicroWell® Installation Log

M

Project Name: MacTec/Providence	**Date:** 11/04 & 05/09
PSA Project Number: 09202	**Equipment:** VD H641
Location:	**PSA Personnel:** MC
Pipe ID: 1.05", **Pipe OD:** 1.32" **Screen Slot Width:** 0.015"	**W.L.:** 3.5' BGS, (may not be stabilized)

Well Schematic

(not to scale)



Refusal: No

Sampling Information

Sample ID	Screened Interval
Ma	4.0-9.0 feet BGS
MM	9.0-14.0 feet BGS
Mc	14.0-19 feet BGS
Md	19.0-24.0 feet BGS
Me	24.0-29.0 feet BGS
Mf	29.0-34.0 feet BGS
Mg	34.0-39.0 feet BGS
Mh	39.0-44.0 feet BGS
Mi	44.0-49.0 feet BGS

Materials

Unscreened Pipe:	**45.5 feet**	**Additional Tubing:**	**60 feet**
Screen Length:	**5 feet**	**Additional Vials:**	**9**
Points:	**1**	**Bailers:**	**1**
Finish:	**Locking Top**		

Pine & Swallow Environmental

Analytical Results

Mobile Laboratory Services
Analysis of Groundwater
Providence RI

(ppb)

Sample ID	Comments	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
72-77H	72-77	2.9J	U	U	U	4.4	U	3.2	U	9.5	0.6J
77-82H	77-82	U	U	U	U	U	U	0.8J	U	0.5J	U
82-87H	82-87	U	U	U	U	U	U	0.6J	U	0.4J	U
11/05/09											
37-42A	37-42	3.5J	1.1	U	U	4.1J	U	1.9	U	1.1	0.6J
37-42ADUP	37-42	3.0J	1.2	U	U	4.2J	U	2.2	U	1.2	0.6J
42-47A	42-47	U	2.7	U	U	U	U	0.4J	U	0.9J	0.6J
47-52A	47-52	U	U	U	U	U	U	0.3J	U	U	U
52-57A	52-57	U	U	U	U	U	U	U	U	U	U
57-62A	57-62	U	U	U	U	U	U	U	U	U	U
62-67A	62-67	U	U	U	U	U	U	U	U	U	U
67-72A	67-72	U	U	U	U	U	U	U	U	U	U
72-77A	72-77	U	U	U	U	U	U	U	U	U	U
77-82A	77-82	U	U	U	U	U	U	U	U	U	U
11/06/09											
50-55B	50-55	U	U	U	U	4.9J	U	U	U	U	U
55-60B	55-60	U	U	U	U	4.1J	U	U	U	U	U
60-65B	60-65	U	U	U	U	U	U	U	U	U	U
65-70B	65-70	U	U	U	U	4.0J	U	U	U	0.4J	U
70-75B	70-75	U	U	U	U	U	U	U	U	U	U
75-80B	75-80	U	U	U	U	U	U	U	U	U	U
80-85B	80-85	U	U	U	U	U	U	U	U	U	U
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Analysis of Groundwater
Providence RI

(ppb)

Sample ID	Comments	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
85-90B	85-90	U	U	U	U	U	U	U	U	U	U
11/09/09											
DP-1-60-65	60-65	U	U	25	8.2	57	31	E	U	E	0.6J
DP-1-60-65	X10	U	U	33D	J	J	37D	61	U	E	U
DP-1-60-65	X100	U	U	J	U	U	U	J	U	620	U
DP-1-65-70	65-70	U	U	3.1	3.6J	11	3.7J	5.0	U	E	U
DP-1-65-70	X100	U	U	U	U	U	U	U	U	120D	U
DP-1-70-75	70-75	U	U	U	U	U	U	0.5J	U	1.9	U
DP-1-70-75	70-75DUP	U	U	U	U	U	U	0.6J	U	1.8	U
DP-1-75-80	75-80	U	U	U	U	U	U	0.5J	U	0.8J	U
DP-1-80-85	80-85	U	U	12	7.8	92	0.8J	0.7J	3.3J	E	U
DP-1-80-85	X100	U	U	U	U	U	U	U	U	190D	U
DP-1-85-90	85-90	U	0.4J	28	13	170E	4.7J	3.2	9.2	E	0.7J
DP-1-85-90	X100	U	U	U	U	U	U	U	U	170D	U
DP--185-90	X10	NA	NA	NA	NA	240D	NA	NA	NA	NA	NA
DP-1-90-95	90-95	U	U	7.6	5.1	68	1.5J	1.5	4.2J	11	0.6J
DP-1-95-100	95-100	U	U	0.9J	3.5J	8.3	1.6J	1.2	U	9.0	0.6J
DP-1-100-105	100-105	U	U	U	U	3.9J	U	0.3J	U	0.5J	U
DP-1-105-110	105-110	U	U	U	U	U	U	0.3J	U	1.0	U
DP-1-110-115	110-115	U	U	U	U	U	U	0.4J	U	0.5J	U
11/10/09											
left at 1:15 no samples											
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Analysis of Groundwater
Providence RI

(ppb)

Sample ID	Comments	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
11/11/09											
2-7C	2.0-7.0	U	0.8J	0.4J	3.2J	5.9	1.9J	U	3.2J	0.6J	0.7J
7-12C	7.0-12.0	U	U	U	U	U	U	0.4J	U	7.8	1.4
12-17C	12.0-17.0	U	U	U	U	U	U	0.5J	U	30E	2.0
12-17C	X10	U	U	U	U	U	U	U	U	49D	U
17-22C	17-22	U	U	U	3.2J	4.0J	U	0.5J	U	39E	2.3
17-22C X10	17-22X10	U	U	U	U	U	U	U	U	31D	U
22-27C	22-27	U	U	1.1	3.4J	11.0	U	0.6J	4.0J	E	9.4
27-32Cx10	FIRST	U	U	U	U	U	U	U	U	130D	11D
22-27CX10	22-27X10	U	U	U	U	U	U	U	U	72D	U
27-32C	27-32	U	U	2	3.8J	19	U	0.7J	5.2	E	14
32-37C	32-37	U	U	2	3.9J	28	U	0.4J	U	E	15
32-37CX10	32-37	U	U	U	U	U	U	U	U	230D	13D
37-42C	37-42	U	U	1.1	3.2J	7.1	1.4J	0.3J	U	40E	1.7
37-42CX10	37-42	U	U	U	U	U	U	U	U	36D	U
42-47C	42-47	U	U	1.6J	3.2J	5.4	1.6J	0.3J	U	26	1.4
47-52C	47-52	U	U	0.4J	3.2J	4.8J	U	U	U	20	1.0
52-57C	52-57	U	U	0.3J	U	4.0J	U	U	U	5.8	0.7J
11/12/09											
67-72C	67-72	U	U	U	U	U	U	U	U	U	U
72-77C	72-77	U	U	U	U	U	U	U	U	U	U
62-67C	62-67	U	U	U	U	U	U	U	U	2.1	0.6J
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Analysis of Groundwater
Providence RI

(ppb)

Sample ID	Comments	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
57-62C	57-62	U	U	U	U	U	U	U	U	3.8	0.6J
4-9D	4.0-9.0	U	U	1.5	3.4J	16	U	0.4J	3.2J	E	8.6
4-9D	4-9X10	U	U	U	U	U	U	U	U	170D	9.6D
9-14D	9.0-14	U	U	3.5	3.5J	51	U	0.6J	U	E	8.7
9-14D	9-14X10	U	U	U	U	80D	U	U	U	E	9.8D
9-14D	9-14X100	U	U	U	U	U	U	U	U	1000D	U
14-19D	14-19	U	U	1.4	3.2J	14	U	0.4J	6	E	.0.9J
14-19D	14-19X10	U	U	U	U	U	U	U	U	83D	U
19-24D	19-24	U	U	U	U	5.8	U	U	U	1.8	0.6J
24-29D	24-29	U	U	1.9	3.2J	30	U	U	U	18	0.6J
29-34D	29-34	U	U	0.6J	U	26	U	U	U	16	0.6J
34-39D	34-39	U	U	0.9J	3.2J	30	U	U	U	23	0.6J
39-44D	39-44	U	U	U	U	9.6	U	U	U	3.9	U
44-49D	44-49	U	U	U	U	3.9J	U	U	U	0.9J	U
49-54D	49-54	U	U	U	U	U	U	U	U	0.4J	U
11/13/09											
54-59D	54-59	U	U	0.6J	U	4.0J	U	U	U	2	U
59-64D	59-64	U	U	U	U	U	U	U	U	0.6J	U
64-69D	64-69	U	U	U	U	3.9J	U	U	U	1.8	U
69-74D	69-74	U	U	U	U	U	U	U	U	U	U
74-79D	74-79	U	U	U	U	U	U	U	U	U	U
3-8J	3.0-8.0	U	U	U	U	U	U	U	U	U	U
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Analysis of Groundwater
Providence RI

(ppb)

Sample ID	Comments	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
8-13J	8.0-13	U	U	U	U	U	U	U	U	U	U
13-18J	13-18	U	U	U	U	U	U	U	U	U	U
18-23J	18-23	U	U	U	U	U	U	U	U	U	U
23-28J	23-28	U	U	U	U	U	U	U	U	U	U
28-33J	28-33	U	U	U	U	U	U	U	U	U	U
33-38J	33-38	U	U	U	U	U	U	U	U	U	U
38-43J	38-43	U	U	U	U	U	U	U	U	U	U
43-48J	43-48	U	U	U	U	U	U	U	U	0.5J	U
11/16/09											
48-53J	48-53	U	U	U	3.2J	4.0J	U	U	U	0.5J	U
53-58J	53-58	U	U	U	U	U	U	U	U	U	U
58-63J	58-63	U	U	U	U	U	U	U	U	U	U
63-68J	63-68	U	U	U	U	U	U	U	U	U	U
5-10k	5.0-10.0	U	U	1.1	3.4J	30	U	U	U	E	1.8
10-15k	10.0-15	U	U	0.7J	3.4U	15	U	U	U	21E	3.5
15-20k	15-20	U	U	0.8J	3.3J	12	U	U	U	13	3.2
20-25k	20-25	U	U	0.4J	3.3J	11	U	U	U	12	3
30-35K	30-35	U	U	U	3.3J	9.7	U	U	U	9.6	2
35-40K	35-40	U	U	U	3.3J	9	U	U	U	5	1
25-30K	25-30	U	U	U	3.3J	12	U	U	U	13	4
40-45K	40-45	U	U	U	U	5.8	U	U	U	1.7	0.7J
45-50K	45-50	U	U	U	U	4.7J	U	U	U	1.2	0.7J
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Analysis of Groundwater
Providence RI

(ppb)

Sample ID	Comments	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
5-10L	5.0-10.0	U	U	U	U	U	U	U	U	U	U
10-15kX10	10.0-15X10	U	U	U	U	U	U	U	U	44D	U
10-15L	10.0-15	U	U	U	U	5.7	U	U	U	U	U
15-20L	15-20	U	U	U	U	7	U	U	U	0.4J	U
20-25L	20-25	U	U	U	U	8.6	U	U	U	U	U
25-30L	25-35	U	U	U	U	9.5	U	U	U	0.5J	0.6J
30-35L	30-35	U	U	U	U	8.5	U	U	U	0.5J	0.5J
35-40L	35-40	U	U	U	3.2J	7.1	U	U	U	2.2	0.6J
40-45L	40-45	U	U	U	3.2J	5.6	U	U	U	2.2	U
45-50L	45-50	U	U	U	3.2J	4.9J	U	U	U	1.8	U
11/17/09											
4-9M	4.0-9.0	U	U	U	3.3J	8.2	U	0.4J	U	E	E
9-14M	9.0-14.0	U	U	0.5J	U	12	U	0.5J	U	E	E
14-19M	14-19	U	U	1.9	3.5J	19	1.4J	0.5J	3.5J	E	E
19-24M	19-24	U	0.5J	6.6	3.5J	53	10	0.4J	5.9	E	14E
24-29M	24-29	U	0.5J	4.8	3.2J	36	1.3J	0.4J	5.9	E	3.2
29-34M	29-34	U	U	2.9	3.3J	38	3.6	0.4J	4.8	E	0.9J
34-39M	34-39	16J	U	1.1	3.2J	11	37	0.3J	3.4	19	0.8J
39-43M	39-44	U	U	1.3	3.2J	15	24	U	U	3.3	0.7J
43-49M	44-49	U	U	1.5	3.4J	20	9.6	U	U	8.9	0.6J
9-14MX10	9.0-14.0	NA	NA	NA	NA	NA	NA	NA	NA	95D	62D
14-19MX10	14-19	NA	NA	NA	NA	NA	NA	NA	NA	NA	51D
Detection limits		**50**	**1.0**	**1.0**	**5.0**	**5.0**	**5.0**	**1.0**	**5.0**	**1.0**	**1.0**

Mobile Laboratory Services
Analysis of Groundwater
Providence RI

(ppb)

Sample ID	Comments	Chloroethane	Vinyl Chloride	1,1-Dichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	1,2- Dichloroethane	Trichloroethene	Tetrachloroethene
14-19MX100	14-19	NA	NA	NA	NA	NA	NA	NA	NA	240D	NA
19-24MX10	19-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	26D
19-24MX100	19-24	NA	NA	NA	NA	NA	NA	NA	NA	470D	NA
24-29MX10	24-29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
24-29MX100	24-29	NA	NA	NA	NA	NA	NA	NA	NA	320	NA
29-34MX10	29-34	NA	NA	NA	NA	NA	NA	NA	NA	240D	NA
29-34MX100	29-34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detection limits		50	1.0	1.0	5.0	5.0	5.0	1.0	5.0	1.0	1.0

NA= Not accepted,analyzed
U=Analyte not detected above sample quantitation limit.
E=Concentration of this analytes exceeds the calibration range of instrument.
J=Analyte detected but less than the lowest calibration standard.
D=The positive value is the result of an analysis at a dilution as noted.
*= Short sample

Appendix B

Groundwater Sampling Records

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF ____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11/30/05

WELL ID: MW-2345 | START: 14:10 END: 15:16 | BOTTLE TIME: 15:05

SAMPLE ISIS ID: GWMW2345

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	32 FT (TOR)	HISTORICAL WELL DEPTH	32 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	FT
PROTECTIVE CASING / WELL DIFFERENCE	FT	DEPTH TO WATER	22.40 FT (TOR)	SCREEN LENGTH	10 FT
WELL DIAMETER	2 IN	WELL MATERIAL	Steel	HEIGHT OF WATER COLUMN	FT

☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) x = GAL/VOL

TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (decrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
14:10	Start purge @								
14:20	22.40	150	15.79	9.02	20.4	816	2.61	-156.7	
14:25	22.40	150	15.95	9.78	45.2	812	5.43	-135.7	
14:30	22.40	150	16.01	9.57	28.3	781	4.03	-126.4	
14:35	22.40	150	15.99	9.36	14.1	750	1.82	-98.9	
14:40	22.40	150	15.92	9.23	8.04	737	1.55	-95.9	
14:45	22.40	150	15.98	9.13	5.26	727	1.35	-84.0	
14:50	22.40	150	15.93	9.07	3.72	716	1.25	-77.4	
14:55	22.40	150	15.90	9.01	2.41	713	1.15	-78.0	
15:00	22.40	150	15.91	8.99	1.50	708	1.11	-76.0	
15:05	Sample collected								

EQUIPMENT DOCUMENTATION

PURGING: ☐

SAMPLING: ☑ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3 X 40ml	☑	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU, DO - 10%, Sp. Cond. - 3%, pH - 0.1 unit, ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11/30/09

WELL ID: MW-2375 | START: 11:46 END: 12:55 | BOTTLE TIME: 12:40

SAMPLE ISIS ID: GWMW2375

☑ QC SAMPLES COLLECTED — DUPLICATE ID: GWMW2375DUP; MS ID: GWMW2375MS; MSD ID: GWMW2375MSD

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	23 FT (TOR)	HISTORICAL WELL DEPTH	25 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.4 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	1.90 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	steel

HEIGHT OF WATER COLUMN: ____ FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = ____ GAL/VOL

TOTAL VOLUME PURGED: ____ GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: ____ PPM WELL MOUTH: ____ PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
11:46	start R	e	255 ml	lmin					
11:51	1.55	255	13.53	10.01	53.8	677	1.45	-109.5	
11:56	1.96	255	13.58	10.14	21.6	663	1.18	-116.5	
12:01	1.96	255	13.62	10.03	14.9	645	1.32	-104.5	
12:06	1.96	255	13.62	9.93	13.8	635	1.36	-97.5	
12:11	1.96	255	13.62	9.85	10.5	629	1.11	-92.75	
12:16	1.96	255	13.62	9.81	7.77	623	1.45	-89.0	
12:21	1.96	255	13.63	9.76	7.30	618	1.11	-86.0	
12:26	1.96	255	13.62	9.72	5.50	613	1.33	-88.7	
12:31	1.96	255	13.62	9.67	5.10	610	1.25	-85.1	
12:36	1.96	255	13.62	9.63	4.53	605	1.21	-86.1	
12:41	1.96	255	13.60	9.59	3.96	605	1.15	-85.7	
12:46	1.96	255	13.54	9.57	3.74	603	1.07	-83.1	

EQUIPMENT DOCUMENTATION

PURGING: ☐

SAMPLING: ☑ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐ VOC	8260B	—	HCl	3x40ml	☑	/ /
☐					☐	/ /
☐					☐	/ /
☐					☐	/ /
☐					☐	/ /
☐					☐	/ /
☐					☐	/ /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU, DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit, ORP - 10 n

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF 2

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11.30.09

WELL ID: MW-236S | START: 1010 END: 1140 | BOTTLE TIME: 1135

SAMPLE ISIS ID:

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	16.9 FT (TOR)	HISTORICAL WELL DEPTH	16.9 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.9 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	4.76 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN) — TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml — AMBIENT AIR: PPM — WELL MOUTH: PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. mS/cm (~~umhos/cm~~)	D.O. (mg/L)	ORP (mV)	Comments
1025	Begin	purging	@ 250	mL/min					
1030	7.37	200							
1034	7.46	200	13.52	7.39	387	768	4.27	-161.0	
1039	7.73	200	13.51	7.55	~~946~~ 752	943	1.02	-235.7	
1044	7.93	200	13.53	7.50	79.5 (DUP)	1038	0.88	-279.0	
1049	7.83	200	13.54	7.45	69.9	1075	0.70	-277.1	
1054	7.85	200	13.56	7.44	64.3	1075	0.68	-268.8	
1059	8.19	200	13.64	7.40	63.1	1156	0.72	-248.2	
1104	8.30	200	13.67	7.38	62.8	1135	0.69	-243.9	
1109	8.26	200	13.65	7.36	55.1	1124	0.69	-240.2	
1114	8.15	200	13.55	7.34	49.5	1111	0.73	-231.2	
1119	8.01	200	13.52	7.33	46.7	1113	0.73	-229.3	

EQUIPMENT DOCUMENTATION

PURGING: ☒

SAMPLING: ☒ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3x40mL	☒	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals withe the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU, DO - 10%, Sp. Cond. - 3%, pH - 0.1 unit, ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC.

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11.30.09

WELL ID: MW-2365 | START: 1010 END: 1140 | BOTTLE TIME: 1135

SAMPLE ISIS ID:

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	16.9 FT (TOR)	HISTORICAL WELL DEPTH	16.9 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.9 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	4.76 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.15 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = GAL/VOL | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. ~~(uMhos/cm)~~ mS/cm	D.O. (mg/L)	ORP (mV)	Comments
1124	8.30	200	13.45	7.32	36.4	1138	0.68	-220.0	
1127	8.30	200	13.45	7.31	34.7	1162	0.70	-218.6	
1130	8.30	200	13.44	7.31	34.9	1144	0.75	-215.2	
1135	Collect	Sample	GWMW2365						

EQUIPMENT DOCUMENTATION

PURGING: ☒

SAMPLING: ☒ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE - Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3x40mL	☒	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: [signature]

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF ____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11.30.09

WELL ID: MW-237D | START: 1145 END: 1 | BOTTLE TIME: 1255

SAMPLE ISIS ID:

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	36.5 FT (TOR)	HISTORICAL WELL DEPTH	40 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.3 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	1.68 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	4 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: ____ FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = ____ GAL/VOL ☐ 1.5 GAL/FT (6 IN)

TOTAL VOLUME PURGED: ____ GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uS/cm)	D.O. (mg/L)	ORP (mV)	Comments
1151	Begin	Purging @	200 mL/min						
1158	1.83	200	12.92	7.61		761	3.25	-270.5	
~~1210~~ ~~1205~~ (1)	1.81	240	13.20	7.51	26.4	814	0.76	-247.8	
1215	1.81	240	13.29	7.50	13.5	817	0.66	-334.7	
1220	1.83	240	13.30	7.46	13.2	821	0.56	-379.9	
1225	1.83	240	13.28	7.43	13.0	824	0.51	-373.0	
1230	1.83	240	13.28	7.38	13.9	825	0.49	-385.3	
1235	1.83	240	13.27	7.35	15.2	826	0.49	-357.8	
1240	1.83	240	13.26	7.34	13.7	827	0.53	-361.6	
1245	1.83	240	13.24	7.33	12.0	826	0.47	-342.6	
1248	1.83	240	13.23	7.29	11.7	827	0.52	-349.0	
1251	1.83	240	13.23	7.28	11.1	828	0.49	-338.1	

EQUIPMENT DOCUMENTATION

1255 collect Sample GWMW237D

PURGING: [X]

SAMPLING: [X] PERISTALTIC PUMP; [ ] SUBMERSIBLE PUMP; [ ] BLADDER PUMP; [ ] PVC/SILICON TUBING; [ ] TEFLON/SILICON TUBING; [ ] WATTERA; [ ] IN LINE FILTER; [ ] PRESS/VAC FILTER; [ ] _____

DECON FLUIDS USED: [ ] METHANOL; [ ] LIQUINOX; [ ] POTABLE WATER; [ ] DEIONIZED WATER; [ ] HEXANE; [ ] NITRIC ACID; [X] NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: [X] ELECTRIC COND. PROBE; [ ] FLOAT ACTIVATED; [ ] KECK INTERFACE PROBE; [ ] _____

NUMBER OF FILTERS USED: ____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[X]	VOC	8260B	N	HCl	3x 40 mL	[X]	/ / /
[ ]						[ ]	/ / /
[ ]						[ ]	/ / /
[ ]						[ ]	/ / /
[ ]						[ ]	/ / /
[ ]						[ ]	/ / /
[ ]						[ ]	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %, Turbidity 10% > than 1 NTU, DO - 10%, Sp. Cond. - 3%, pH - 0.1 unit, ORP - 10 mV

SIGNATURE: [signature]

RECEIVED BY: ____

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PAGE 1 OF ____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11/30/07

WELL ID: MW-236D | START: 10:36 END: 11:25 | BOTTLE TIME: 11:20

SAMPLE ISIS ID: GWMW236D

☐ QC SAMPLES COLLECTED | DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	28.3 FT (TOR)	HISTORICAL WELL DEPTH	35 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.5 FT	PROTECTIVE CASING / WELL DIFFERENCE	FT
DEPTH TO WATER	4.45 FT (TOR)	SCREEN LENGTH	FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.15 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN) | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: PPM | WELL MOUTH: PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
Start purge @ 10:36		@ 330 ml/min							
10:45	4.45	330	13.40	10.49	49.7	572	2.52	-139.1	
10:50	4.45	330	13.35	10.52	34.7	524	1.67	-121.9	
10:55	4.45	330	13.38	10.43	22.5	510	1.19	-113.9	
11:00	4.45	330	13.38	10.36	21.9	506	1.13	-111.4	
11:05	4.45	330	13.37	10.33	19.9	506	1.12	-106.5	
11:10	4.45	330	13.30	10.32	19.7	505	1.18	-106.5	
11:15	4.45	330	13.31	10.30	18.5	504	1.14	-104.5	
11:20 - Sample well									

EQUIPMENT DOCUMENTATION

PURGING: ☑

SAMPLING: ☑ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☐ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ____

NUMBER OF FILTERS USED: ____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3x40ml	☒	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU, DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: [signature]

RECEIVED BY: ____

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PAGE ____ OF ____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 1/30/09

WELL ID: MW-23S | START: 09:15 END: 10:10 | BOTTLE TIME: 10:05

SAMPLE ISIS ID: GWMW23SD

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	36.0 FT (TOR)	HISTORICAL WELL DEPTH	FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.9 FT
PROTECTIVE CASING / WELL DIFFERENCE	FT	DEPTH TO WATER	4.24 FT (TOR)	SCREEN LENGTH	FT
WELL DIAMETER	1 IN	WELL MATERIAL	Steel		

HEIGHT OF WATER COLUMN: FT × ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = GAL/VOL

TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
09:15	start purge @	200 ml/m							
09:20	4.45	200	12.60	8.18	189	399	3.19	-35.7	
09:25	4.45	200	12.58	8.41	57.1	389	2.01	-101.7	
	4.45	200		8.64	71.8	384	1.74	-104.1	
09:35	4.45	200	12.61	9.04	59.4	383	1.55	-104.1	
09:40	4.45	200	12.63	9.46	33.4	382	1.45	-106.1	
09:45	4.45	200	12.63	9.70	25.4	381	1.34	-99.1	
09:50	4.45	200	12.62	9.95	22.1	380	1.30	-89.5	
09:55	4.45	200	12.63	10.04	22.5	380	1.27	-88.1	
10:00	4.45	200	12.65	10.15	22.6	380	1.22	-88.5	
10:05	Sample	well							

EQUIPMENT DOCUMENTATION

PURGING: ☑

SAMPLING: ☑ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE

NUMBER OF FILTERS USED: ____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	N	HCl	3x 40 ml	☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals withat the following limits:

Temp - 3%; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: [signature]

RECEIVED BY: ____

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FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11.30.09

WELL ID: MW-2355 | START: 0850 END: 1005 | BOTTLE TIME: 0955

SAMPLE ISIS ID: GWMW2355

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH (TOP)	~~16.7~~ 17.0 FT (TOR)	HISTORICAL WELL DEPTH	16.9 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.90 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	5.08 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	steel

HEIGHT OF WATER COLUMN: FT × ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN) | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. ~~(uhmos/cm)~~ mS/cm	D.O. (mg/L)	ORP (mV)	Comments
0912	Begin	Purging @	240		mL/min				
0916	5.14	240	12.86	6.83	55.3	315	6.35	-78.0	
0921	5.14	240	12.92	7.55	32.0	411	1.20	-100.7	
0926	5.14	240	12.91	7.58	19.1	414	0.95	-97.9	
0931	5.14	240	12.94	7.56	13.3	419	0.64	-94.0	
0936	5.14	240	12.96	7.55	8.75	422	0.61	-75.1	
0941	5.14	240	12.99	7.55	4.99	424	0.61	-58.5	
0946	5.14	240	13.05	7.53	4.72	425	0.55	-62.4	
0951	5.14	240	13.05	7.53	3.60	426	0.60	-62.4	
0955	Collect Sample	GWMW2355							

EQUIPMENT DOCUMENTATION

PURGING: ☒

SAMPLING: ☒ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3x40mL	☒	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

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FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11.30.09

WELL ID: MW-234I | START: 1400 END: | BOTTLE TIME:

SAMPLE ISIS ID: GWMW234I

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	HISTORICAL WELL DEPTH	PROTECTIVE CASING STICKUP (FROM GROUND)	PROTECTIVE CASING / WELL DIFFERENCE
60.9 FT (TOR)	61.47 65 mm FT (TOR)	— FT	Flushmount −0.47 FT

DEPTH TO WATER	SCREEN LENGTH	WELL DIAMETER	WELL MATERIAL
22.90 FT (TOR)	10 FT	1 IN	steel

HEIGHT OF WATER COLUMN: FT × ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN)

TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. ~~(uhmos/cm)~~ µS/cm	D.O. (mg/L)	ORP (mV)	Comments
1411	Begin	Purging @	160	ml/min					
1419	23.17	160	14.56	6.31	85.1	781	5.60	-272.5	
1424	23.17	180	14.93	7.68	83.7	780	0.99	-294.4	
1429	23.17	180	15.02	7.53	46.7	778	0.71	-343.7	
1435	23.17	180	15.03	7.42	40.1	767	0.59	-377.8	
1440	23.17	180	15.01	7.40	31.4	765	0.60	-377.6	
1445	23.17	180	14.86	7.36	22.2	760	0.57	-364.5	
1450	23.17	180	14.83	7.34	19.2	753	0.51	-367.7	
1455	23.17	180	14.86	7.31	14.5	751	0.50	-365.7	
1500	23.17	180	14.86	7.29	12.0	747	0.48	-359.9	
1505	23.17	180	14.86	7.26	9.43	746	0.46	-354.0	
1510	23.17	180	14.87	7.25	8.52	746	0.46	-352.3	

EQUIPMENT DOCUMENTATION

PURGING: ☒

SAMPLING: ☒ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3x40mL	☒	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: Mary Ann

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 2 OF 2

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 11.30.09

WELL ID: MW-234I | START: 1400 END: | BOTTLE TIME:

SAMPLE ISIS ID: GWMW234I

☐ QC SAMPLES COLLECTED | DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	HISTORICAL WELL DEPTH	PROTECTIVE CASING STICKUP (FROM GROUND)	PROTECTIVE CASING / WELL DIFFERENCE
60.9 FT (TOR)	61.47 FT (TOR)	— FT	-0.47 FT

freshmount

DEPTH TO WATER	SCREEN LENGTH	WELL DIAMETER	WELL MATERIAL
22.96 FT (TOR)	10 FT	1 IN	steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN) | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. ~~(uhmos/cm)~~ mS/cm	D.O. (mg/L)	ORP (mV)	Comments
1515	23.17	180	14.84	7.24	7.17	745	0.49	-323.8	
1520	23.17	180	14.74	7.24	6.26	744	0.48	-297.6	
1525	23.17	180	14.69	7.20	5.10	743	0.44	-330.4	
1530	23.17	180	14.75	7.21	4.75	743	0.49	-314.3	
1533	23.17	180	14.80	7.18	4.61	744	0.43	-322.5	
1536	23.17	180	14.73	7.19	4.68	744	0.43	-323.0	
1540	Collect Sample GWMW234I								

EQUIPMENT DOCUMENTATION

PURGING: ☒

SAMPLING: ☒ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3x40mL	☒	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU, DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 12/1/09

WELL ID: MW-231S

START: 08:10 END: 09:55 | BOTTLE TIME: 09:47

SAMPLE ISIS ID: GWMW231S

☐ QC SAMPLES COLLECTED — DUPLICATE ID: ___ MS ID: ___ MSD ID: ___

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	22.5 FT (TOR)	HISTORICAL WELL DEPTH	25 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	2.8 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	3.15 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN ___ FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = ☐ 1.5 GAL/FT (6 IN) ___ GAL/VOL   TOTAL VOLUME PURGED ___ GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml   AMBIENT AIR — PPM   WELL MOUTH — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
Start purge @ 8:10 - Has is silty, turbid. Will purge until									@ 700 ml/min
09:22	4.55	400	13.52	9.00	7100	496	1.39	-92.1	
09:27	4.55	400	13.91	9.51	52.4	495	1.13	-96.1	
09:32	4.55	400	13.92	9.50	17.5	489	1.06	-89.3	
09:37	4.55	400	13.80	9.53	20.5	491	0.94	-89.3	
09:42	4.55	400	13.89	9.53	18.5	494	0.88	-92.2	
09:47	~~4.55~~ Sample rcv								

EQUIPMENT DOCUMENTATION

PURGING / SAMPLING:
- [x] [x] PERISTALTIC PUMP
- [ ] [ ] SUBMERSIBLE PUMP
- [ ] [ ] BLADDER PUMP
- [ ] [ ] PVC/SILICON TUBING
- [ ] [ ] TEFLON/SILICON TUBING
- [ ] [ ] WATTERA
- [ ] [ ] IN LINE FILTER
- [ ] [ ] PRESS/VAC FILTER

DECON FLUIDS USED:
- [ ] METHANOL
- [ ] LIQUINOX
- [ ] POTABLE WATER
- [ ] DEIONIZED WATER
- [ ] HEXANE
- [ ] NITRIC ACID
- [x] NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED:
- [x] ELECTRIC COND. PROBE
- [ ] FLOAT ACTIVATED
- [ ] KECK INTERFACE PROBE

NUMBER OF FILTERS USED ___

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260	—	HCl	3x40ml	☑	

NOTES AND SAMPLE OBSERVATIONS

Purge 3 well volumes Then start taking readings.

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals within the following limits:
Temp - 3%; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: [signature]

RECEIVED BY: ___

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 12.1.09

WELL ID: MW-231D | START: 0730 END: 1005 | BOTTLE TIME: 1000

SAMPLE ISIS ID: GWMW231D

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	36 FT (TOR)	HISTORICAL WELL DEPTH	42.35 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	2.35 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	2.71 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = GAL/VOL | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. ~~(uhmos/cm)~~ uS/cm	D.O. (mg/L)	ORP (mV)	Comments
0811	Begin	Purging	— very silty			220 mL/min			
0818	10.60	220							
0824	15.30	160							
0932	19.52	160	12.51	9.95	71000	730	0.81	-192.4	
0937	19.52	160	12.35	9.56	71000	731	0.65	-194.1	
0942	19.37	160	12.41	9.92	71000	732	0.51	-205.6	
0950	19.35	160	12.31	10.07	71000	726	0.37	-208.3	
0954	19.35	160	12.46	10.13	71000	723	0.36	-210.4	
0957	19.35	160	12.45	10.12	71000	725	0.31	-209.8	
1000	Collect Sample GWMW231D								

EQUIPMENT DOCUMENTATION

PURGING: ☒

SAMPLING: ☒ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ☐ _____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	No	HCl	3x40mL	☒	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 12.1.09

WELL ID: MW-2325 | START: 1015 END: | BOTTLE TIME: 1110

SAMPLE ISIS ID: GWMW2325

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	43.6 36.2 FT (TOR) (PM)	HISTORICAL WELL DEPTH	43.00 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	3.00 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	4.02 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN) — TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml — AMBIENT AIR: — PPM — WELL MOUTH: — PPM

PURGE DATA

mS/cm

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (~~µmhos/cm~~)	D.O. (mg/L)	ORP (mV)	Comments
1030	Begin	Purging @	250 mL/ min						
1037	4.10	250	12.45	8.50	28.0	841	1.92	-86.6	
1042	4.10	250	12.86	8.87	15.2	845	0.99	-99.0	
1047	4.10	250	13.07	9.05	8.57	851	0.73	-103.0	
1052	4.10	250	13.02	9.10	6.22	852	0.55	-103.9	
1057	4.10	250	13.04	9.10	4.10	852	0.56	-105.5	
1102	4.10	250	12.95	9.11	3.83	853	0.54	-105.2	
1107	4.10	250	13.15	9.11	3.55	853	0.53	-105.8	
1110	Collect Sample	GWMW2325							

EQUIPMENT DOCUMENTATION

PURGING: [X]

SAMPLING: [X] PERISTALTIC PUMP; [ ] SUBMERSIBLE PUMP; [ ] BLADDER PUMP; [ ] PVC/SILICON TUBING; [ ] TEFLON/SILICON TUBING; [ ] WATTERA; [ ] IN LINE FILTER; [ ] PRESS/VAC FILTER; [ ] _____

DECON FLUIDS USED: [ ] METHANOL; [ ] LIQUINOX; [ ] POTABLE WATER; [ ] DEIONIZED WATER; [ ] HEXANE; [ ] NITRIC ACID; [X] NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: [X] ELECTRIC COND. PROBE; [ ] FLOAT ACTIVATED; [ ] KECK INTERFACE PROBE; [ ] _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[X] VOC	8260	No	HCl	3 x 40mL	[X]	

NOTES AND SAMPLE OBSERVATIONS

Tubing intake @ 35' (TOR) (PM) bgs because tubing could not be pushed past 36.2' (TOR). Tubing removed from well. New tubing will be needed for next sampling round.

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU, DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: Philip J. Clark

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 36500500041.22 | DATE: 12/1/05

WELL ID: MW-232D | START: 10:45 END: 11:40 | BOTTLE TIME: 11:35

SAMPLE ISIS ID: GwMW232D

☐ QC SAMPLES COLLECTED | DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH: 68.71 FT (TOR) | HISTORICAL WELL DEPTH: 72.45 / 70 FT (TOR) | PROTECTIVE CASING STICKUP (FROM GROUND): 2.45 FT | PROTECTIVE CASING / WELL DIFFERENCE: ——— FT

DEPTH TO WATER: 3.82 FT (TOR) | SCREEN LENGTH: 10 FT | WELL DIAMETER: 1 IN | WELL MATERIAL: Steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = GAL/VOL | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: ——— PPM | WELL MOUTH: PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
10:45	start purge @	220	ml/min						
10:50	3.70	220	13.29	8.86	28.5	1031	1.81	-104.3	
10:55	3.70	220	13.43	9.06	25.3	1020	1.21	-115.1	
11:00	3.70	220	13.45	9.03	22.9	1013	1.05	-103.2	
11:05	3.70	220	13.66	8.75	15.5	1013	1.10	-95.1	
11:10	3.70	220	13.66	8.61	21.0	1013	1.11	-81.2	
11:15	3.70	220	13.49	8.54	22.6	1015	0.96	-72.1	
11:20	3.70	220	13.11	8.47	16.8	1019	0.95	-67.5	
11:25	3.70	220	13.45	8.42	14.5	1015	0.95	-66.5	
11:30	3.70	220	13.30	8.37	16.4	1010	0.95	-65.5	
11:35	Sample hr	11							

EQUIPMENT DOCUMENTATION

PURGING: ☑ | SAMPLING: ☑ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ———

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☑ NONE- Dedicated Tubing

WATER LEVEL ECUIPMENT USED: ☐ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ ———

NUMBER OF FILTERS USED: ———

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260	—	HCl	3x40ml	☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: ———

RECEIVED BY: ———

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FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 36500500041.22 | DATE: 12.1.09

WELL ID: MW-233 | START: 1150 END: | BOTTLE TIME: 1255

SAMPLE ISIS ID: GW MW 233

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	FT (TOR)	HISTORICAL WELL DEPTH	13.40 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	1.40 FT	PROTECTIVE CASING / WELL DIFFERENCE	— FT
DEPTH TO WATER	2.64 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: FT x ☐ 0.15 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN) | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. ~~uhmos/cm~~ uS/cm	D.O. (mg/L)	ORP (mV)	Comments
1205	Begin	Purging @	180		mL/min				
1211	2.74	180	11.26	7.73	25.4	960	9.64	-131.2	
1216	2.74	220	11.87	8.77	18.2	920	1.22	-135.0	
1221	2.74	220	12.03	8.88	13.3	896	0.83	-121.4	
1226	2.74	220	12.10	8.78	9.52	877	0.64	-108.6	
1231	2.74	220	12.08	8.68	9.27	869	0.58	-99.8	
1236	2.74	220	12.02	8.57	9.04	858	0.51	-93.6	
1241	2.74	220	12.19	8.50	9.52	855	0.49	-89.2	
1246	2.74	220	12.21	8.49	9.94	855	0.50	-90.3	
1251	2.74	220	12.31	8.47	9.72	852	0.48	-90.7	
1255	Collect	GW MW233							

EQUIPMENT DOCUMENTATION

PURGING: [X]

SAMPLING: [X] PERISTALTIC PUMP; [ ] SUBMERSIBLE PUMP; [ ] BLADDER PUMP; [ ] PVC/SILICON TUBING; [ ] TEFLON/SILICON TUBING; [ ] WATTERA; [ ] IN LINE FILTER; [ ] PRESS/VAC FILTER

DECON FLUIDS USED: [ ] METHANOL; [ ] LIQUINOX; [ ] POTAELE WATER; [ ] DEIONIZED WATER; [ ] HEXANE; [ ] NITRIC ACID; [X] NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: [X] ELECTRIC COND. PROBE; [ ] FLOAT ACTIVATED; [ ] KECK INTERFACE PROBE; [ ] _____

NUMBER OF FILTERS USED: _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[X]	VOC	8260B	N	HCl	3x40mL	[X]	

NOTES AND SAMPLE OBSERVATIONS

Black oily product on tubing.

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU, DO - 10%, Sp. Cond. - 3%, pH - 0.1 unit, ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF ____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 12.1.09

WELL ID: MW-230D | START: 1315 END: 15:45 | BOTTLE TIME: 15:30

SAMPLE ISIS ID: GWMW230D

☐ QC SAMPLES COLLECTED | DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	HISTORICAL WELL DEPTH	PROTECTIVE CASING STICKUP (FROM GROUND)	PROTECTIVE CASING / WELL DIFFERENCE
FT (TOR)	FT (TOR)	FT	FT

DEPTH TO WATER	SCREEN LENGTH	WELL DIAMETER	WELL MATERIAL
23.52 FT (TOR)	10 FT	2 IN	PVC

HEIGHT OF WATER COLUMN: ____ FT x ☑ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) ☐ 1.5 GAL/FT (6 IN) = ____ GAL/VOL

TOTAL VOLUME PURGED: ____ GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
1328	Begin purging			w/ bonded tubing					
1400	Stop purging and try inserting 1/4" OD LDPE tubing								
1420	LDPE tubing is unable to reach well screen								
1425	Continue purging w/ bonded tubing								
14:52	23.55	150	11.49	7.11	18.3	504	2.46	66.9	
14:57	23.55	150	11.58	7.06	11.7	502	1.62	68.0	
15:02	23.55	150	11.63	7.02	7.61	501	1.35	71.5	
15:07	23.55	150	11.55	6.96	6.43	500	1.12	72.1	
15:12	23.55	150	11.12	6.96	5.25	498	0.86	75.5	
15:17	23.55	150	10.46	6.85	6.10	498	0.80	77.6	
15:22	23.55	150	10.00	6.97	6.31	499	0.79	79.0	
15:27	23.55	150	9.78	6.89	6.67	500	0.77	79.7	

EQUIPMENT DOCUMENTATION

PURGING: ☒

SAMPLING: ☒ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☐ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER; ____

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ____

NUMBER OF FILTERS USED: ____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3x40mL	☒	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 365005004122 | DATE: 12/2/09

WELL ID: MW-2305 | START: 10 20 END: | BOTTLE TIME: 1040

SAMPLE ISIS ID: GWMW2305

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	29.6 FT (TOR)	HISTORICAL WELL DEPTH	FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	FT	PROTECTIVE CASING / WELL DIFFERENCE	0.4 FT
DEPTH TO WATER	23.19 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL ☐ 1.5 GAL/FT (6 IN) — TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml — AMBIENT AIR: — PPM — WELL MOUTH: — PPM

PURGE DATA

mS/cm

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (~~uhmos/cm~~)	D.O. (mg/L)	ORP (mV)	Comments
1024	Begin Purging								
1033	—	varies	14.21	6.86	71000	743	6.10	208.9	
1035	—	varies	14.90	6.63	71000	733	3.36	205.2	
1040	Collect Sample			GWMW2305					

EQUIPMENT DOCUMENTATION

PURGING	SAMPLING	
☐	☐	PERISTALTIC PUMP
☐	☐	SUBMERSIBLE PUMP
☐	☐	BLADDER PUMP
☐	☐	PVC/SILICON TUBING
☐	☐	TEFLON/SILICON TUBING
☒	☒	WATTERA
☐	☐	IN LINE FILTER
☐	☐	PRESS/VAC FILTER
☐	☐	

DECON FLUIDS USED
- ☐ METHANOL
- ☐ LIQUINOX
- ☐ POTABLE WATER
- ☐ DEIONIZED WATER
- ☐ HEXANE
- ☐ NITRIC ACID
- ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED
- ☒ ELECTRIC COND. PROBE
- ☐ FLOAT ACTIVATED
- ☐ KECK INTERFACE PROBE
- ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3x40mL	☒	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /
☐						☐	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals within the following limits:
Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV

SIGNATURE: _____

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF ____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 12 2 09

WELL ID: MW-234D | START: 0925 END: 09 50 | BOTTLE TIME: 09 45

SAMPLE ISIS ID: GWMW234D

☐ QC SAMPLES COLLECTED | DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	FT (TOR)	HISTORICAL WELL DEPTH	89.7 40.5 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	- FT	PROTECTIVE CASING / WELL DIFFERENCE	-0.30 FT
DEPTH TO WATER	22.3 FT (TOR)	SCREEN LENGTH	10 FT	WELL DIAMETER	1 IN	WELL MATERIAL	Steel

HEIGHT OF WATER COLUMN: ~~67.7~~ 68.0 FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = GAL/VOL | ☐ 1.5 GAL/FT (6 IN) | TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml | AMBIENT AIR: — PPM | WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. ~~(uhmos/cm)~~ mS/cm	D.O. (mg/L)	ORP (mV)	Comments
0925	Begin Purging								
0931		varies	11.67	7.85	71000	645	8.03	32.6	turbid
09 40		varies	11.25	8.87	71000	665	2.73	-21.5	turbid
09 45	Sample well - GWMW234D								
									final depth to water 32.91

EQUIPMENT DOCUMENTATION

PURGING: ☐ ☐ ☐ ☐ ☐ ☒ ☐ ☐ ☐

SAMPLING: ☐ PERISTALTIC PUMP; ☐ SUBMERSIBLE PUMP; ☐ BLADDER PUMP; ☐ PVC/SILICON TUBING; ☐ TEFLON/SILICON TUBING; ☒ WATTERA; ☐ IN LINE FILTER; ☐ PRESS/VAC FILTER

DECON FLUIDS USED: ☐ METHANOL; ☐ LIQUINOX; ☐ POTABLE WATER; ☐ DEIONIZED WATER; ☐ HEXANE; ☐ NITRIC ACID; ☒ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☒ ELECTRIC COND. PROBE; ☐ FLOAT ACTIVATED; ☐ KECK INTERFACE PROBE; ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

		METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☒	VOC	8260B	N	HCl	3 x 40 mL	☒	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	
☐						☐	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min intervals within the following limits:
Temp. - 3%, Turbidity 10% > than 1 NTU, DO - 10%, Sp. Cond. - 3%, pH - 0.1 unit, ORP - 10 mV

SIGNATURE: [signature]

RECEIVED BY: _____

MACTEC ENGINEERING & CONSULTING, INC.

PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 2/12/10

WELL ID: MW-C | START: 10:40 END: 12:00 | BOTTLE TIME: 11:55

SAMPLE ISIS ID: GWMWC

☐ QC SAMPLES COLLECTED — DUPLICATE ID: | MS ID: | MSD ID:

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	~~24.1~~ 34.0 (max) FT (TOR)	HISTORICAL WELL DEPTH	FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	— FT
PROTECTIVE CASING / WELL DIFFERENCE	— FT	DEPTH TO WATER	24.1 FT (TOR)	SCREEN LENGTH	FT
WELL DIAMETER	2 IN	WELL MATERIAL	PVC	HEIGHT OF WATER COLUMN	FT x ☐ 0.16 GAL/FT (2 IN) ☐ 0.65 GAL/FT (4 IN) = ☐ 1.5 GAL/FT (6 IN) GAL/VOL
TOTAL VOLUME PURGED	GAL				

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: NA PPM | WELL MOUTH: NA PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
10:40 -	start purge @	265 ml/min							
10:56	24.2	265	11.47	6.26	105	556	0.67	192.7	
10:58	24.2	265	11.70	6.15	81.6	570	0.44	188.2	
11:08	24.2	265	11.61	6.09	60.3	586	0.39	164.1	
11:18	24.2	265	11.66	6.06	25.6	592	0.31	142.1	
11:28	24.2	265	11.57	6.07	15.7	597	0.24	129.9	
11:36	24.2	265	11.66	6.06	13.4	607	0.20	117.1	
11:41	24.2	265	11.67	6.05	6.40	605	0.19	115.1	
11:46	24.2	265	11.25	6.05	6.77	608	0.22	114.1	
11:51	24.2	265	11.52	6.03	6.51	611	0.27	113.1	
11:55 -	Sample well								

EQUIPMENT DOCUMENTATION

PURGING: ☐ ☐ ☑ ☐ ☐ ☐ ☐ ☐ ☐

SAMPLING: ☐ PERISTALTIC PUMP ☐ SUBMERSIBLE PUMP ☑ BLADDER PUMP ☐ PVC/SILICON TUBING ☐ TEFLON/SILICON TUBING ☐ WATTERA ☐ IN LINE FILTER ☐ PRESS/VAC FILTER

DECON FLUIDS USED: ☐ METHANOL ☐ LIQUINOX ☐ POTABLE WATER ☑ DEIONIZED WATER ☐ HEXANE ☐ NITRIC ACID ☐ NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: ☑ ELECTRIC COND. PROBE ☐ FLOAT ACTIVATED ☐ KECK INTERFACE PROBE ☐ _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ VOC	8260B	—	HCl	3x40ml	☒	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /
☐					☐	/ / /

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 1 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV.

SIGNATURE: _____

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MACTEC ENGINEERING & CONSULTING, INC. PAGE 1 OF 1

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Gorham Cover Groundwater Monitoring | 3650050041.22 | DATE: 2/19/10

WELL ID: MW-D | START: 10:00 END: 10:45 | BOTTLE TIME: 10:40

SAMPLE ISIS ID: GWMWD

[x] QC SAMPLES COLLECTED — DUPLICATE ID: ——— MS ID: ——— MSD ID: ———

WATER LEVEL / WELL DATA

MEASURED WELL DEPTH	33.6 FT (TOR)	HISTORICAL WELL DEPTH	32 FT (TOR)	PROTECTIVE CASING STICKUP (FROM GROUND)	FT	PROTECTIVE CASING / WELL DIFFERENCE	FT
DEPTH TO WATER	20.88 FT (TOR)	SCREEN LENGTH	16 FT	WELL DIAMETER	2 IN	WELL MATERIAL	PVC

HEIGHT OF WATER COLUMN: 12.72 FT x [x] 0.16 GAL/FT (2 IN) [ ] 0.65 GAL/FT (4 IN) [ ] 1.5 GAL/FT (6 IN) = 2.03 GAL/VOL

TOTAL VOLUME PURGED: GAL

Total purge volume = (ml per min.) x time (min.) x 0.00026 gal/ml

AMBIENT AIR: — PPM WELL MOUTH: — PPM

PURGE DATA

TIME	DEPTH TO WATER (ft)	PURGE RATE (mL/min)	TEMP. (degrees C)	pH (units)	TURBIDITY (NTU)	SPEC. COND. (uhmos/cm)	D.O. (mg/L)	ORP (mV)	Comments
10:00	Start Purge @ 300 ml/min. YSI hookup								
10:06	20.90	300	11.19	6.00	13.9	754	0.51	150	
10:11	20.90	300	11.20	6.16	7.69	722	0.66	150	
10:16	20.90	300	11.00	6.00	7.19	712	0.62	143	
10:21	20.90	300	10.86	6.10	4.78	705	0.55	128	
10:26	20.90	300	10.75	6.26	3.93	703	0.49	110	
10:31	20.90	300	10.52	5.97	3.44	696	0.46	108	
10:36	20.90	300	10.80	5.95	2.31	694	0.43	107	
10:40	Sample well								

EQUIPMENT DOCUMENTATION

PURGING: [x]

SAMPLING: [x] PERISTALTIC PUMP [ ] SUBMERSIBLE PUMP [ ] BLADDER PUMP [ ] PVC/SILICON TUBING [ ] TEFLON/SILICON TUBING [ ] WATTERA [ ] IN LINE FILTER [ ] PRESS/VAC FILTER [ ] _____

DECON FLUIDS USED: [ ] METHANOL [ ] LIQUINOX [ ] POTABLE WATER [ ] DEIONIZED WATER [ ] HEXANE [ ] NITRIC ACID [x] NONE- Dedicated Tubing

WATER LEVEL EQUIPMENT USED: [x] ELECTRIC COND. PROBE [ ] FLOAT ACTIVATED [ ] KECK INTERFACE PROBE [ ] _____

NUMBER OF FILTERS USED _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] VOCs	8260	—	HCl	3x40ml	[x]	

NOTES AND SAMPLE OBSERVATIONS

Stabilization is considered achieved when three consecutive readings are taken at 3 to 5 min. intervals within the following limits:

Temp. - 3 %; Turbidity 10% > than 5 NTU; DO - 10%; Sp. Cond. - 3%; pH - 0.1 unit; ORP - 10 mV.

SIGNATURE: _____

RECEIVED BY: _____

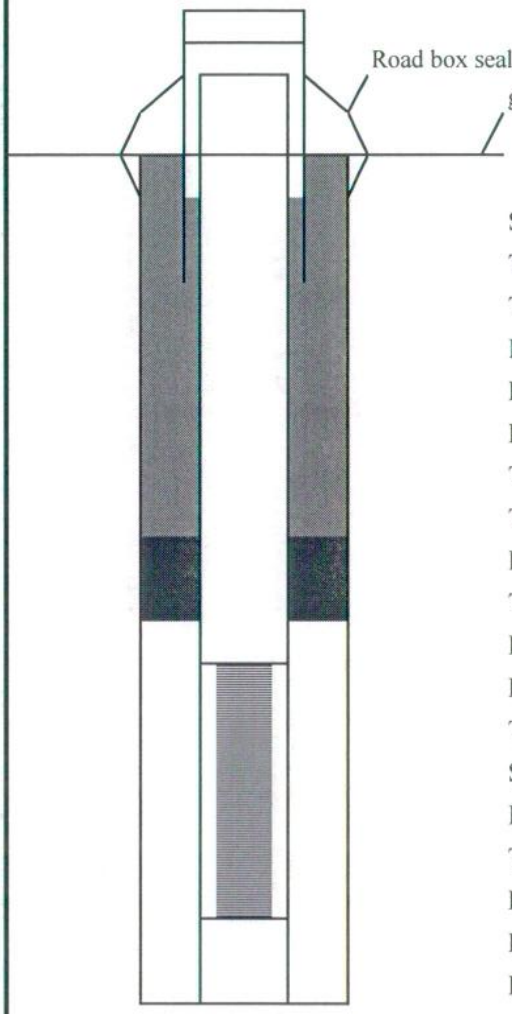
Appendix C

Parcel C Well Development Records

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-231S (Location B)
Date Installed:	12/23/2008	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	PJM	**Development Method:**	Surge & Purge w/check valve



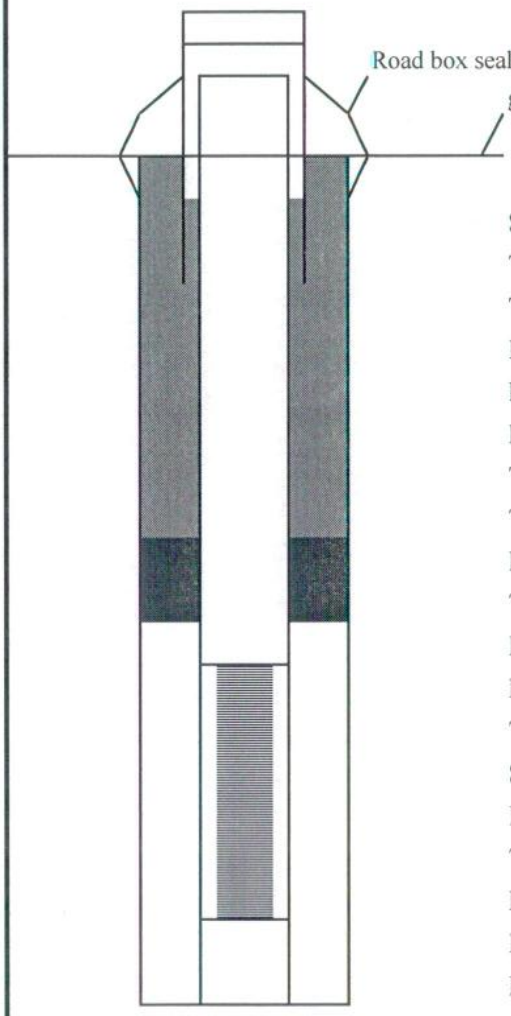
Stick-up of Casing Above Ground Surface: 2.80'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 15'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 25'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 25.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-231D (Location B)
Date Installed:	12/23/2008	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	PJM	**Development Method:**	Surge & Purge w/check valve



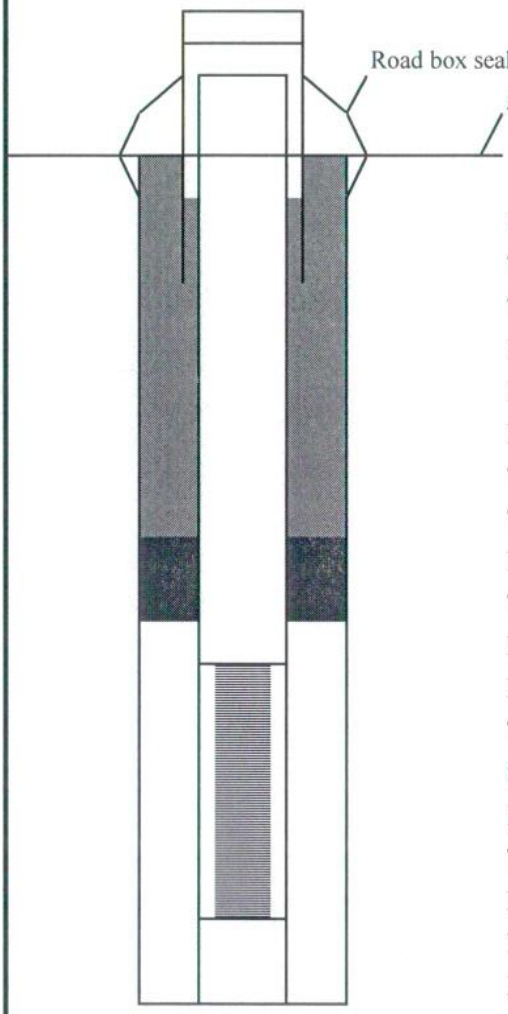
Stick-up of Casing Above Ground Surface: 1.40'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 30'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 40'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 40.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-232S (Location H)
Date Installed:	11/5/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



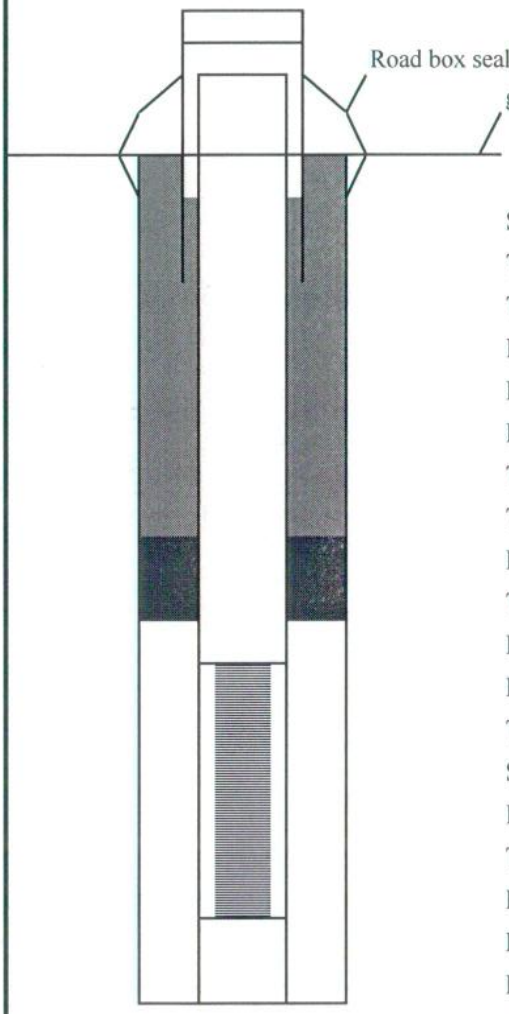
Stick-up of Casing Above Ground Surface: 1.40'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 30'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 40'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 40.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-232D (Location H)
Date Installed:	11/5/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



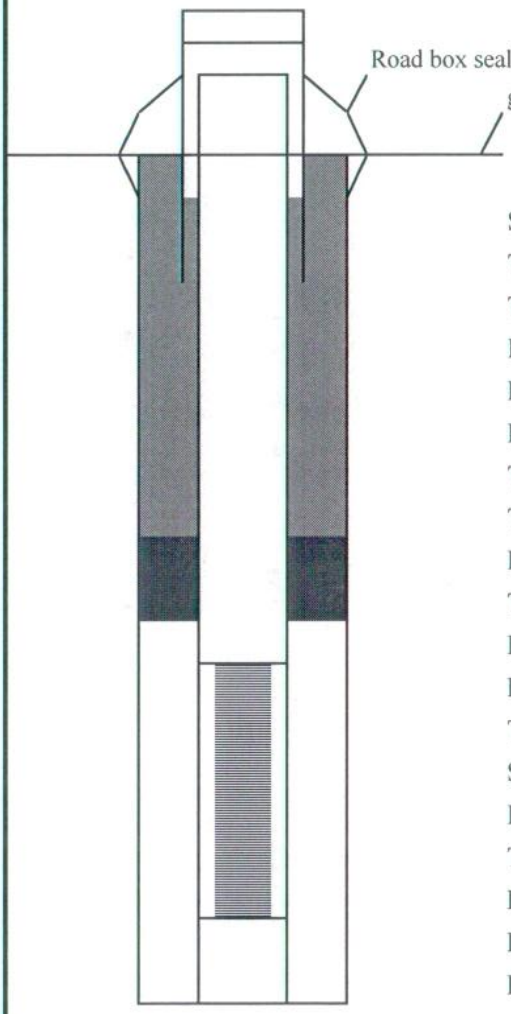
Stick-up of Casing Above Ground Surface: 2.35'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 60'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 70'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 70.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-233 (Location A)
Date Installed:	11/5/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



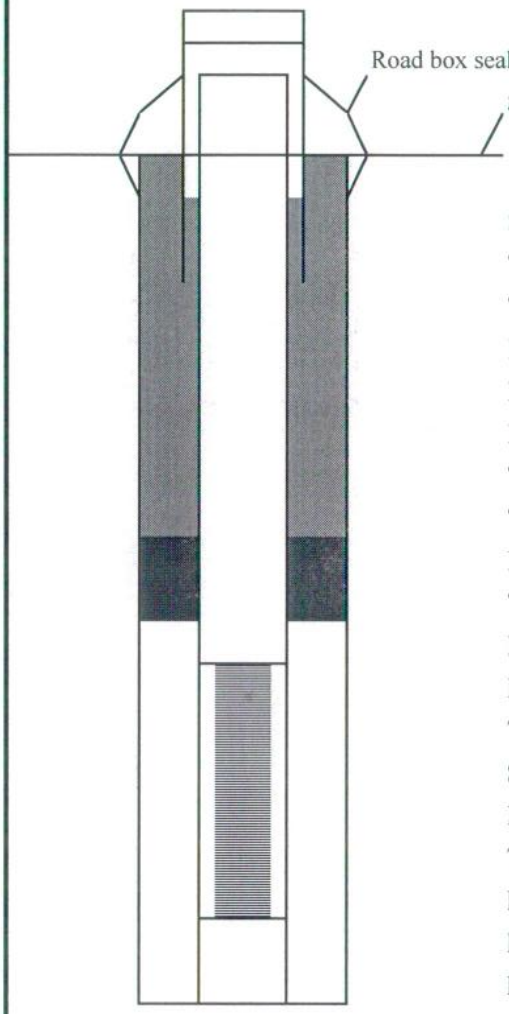
Stick-up of Casing Above Ground Surface: 1.40'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 32'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 42'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 42.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-234S (DP-1)
Date Installed:	11/11/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



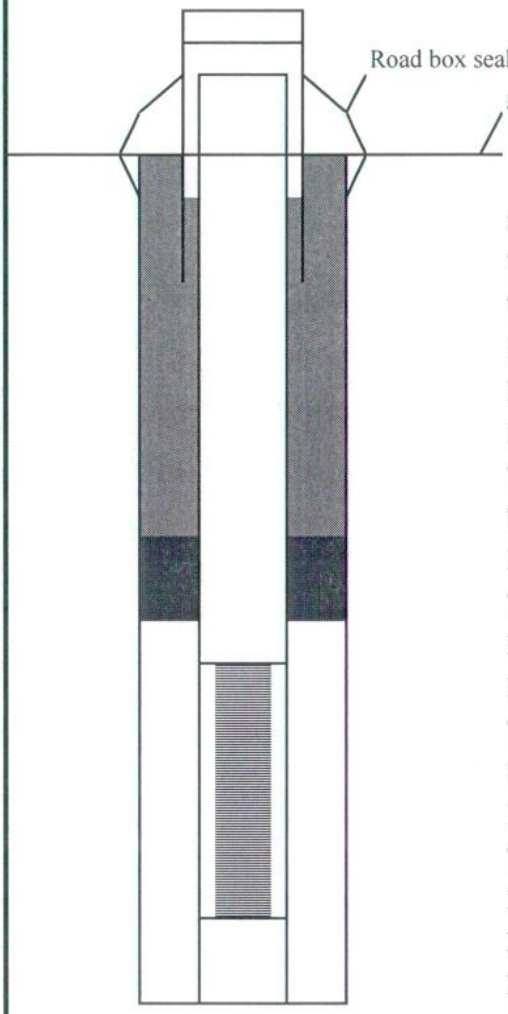
Stick-up of Casing Above Ground Surface: N/A
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 22'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 32'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 32.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-234I (DP-1)
Date Installed:	11/11/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



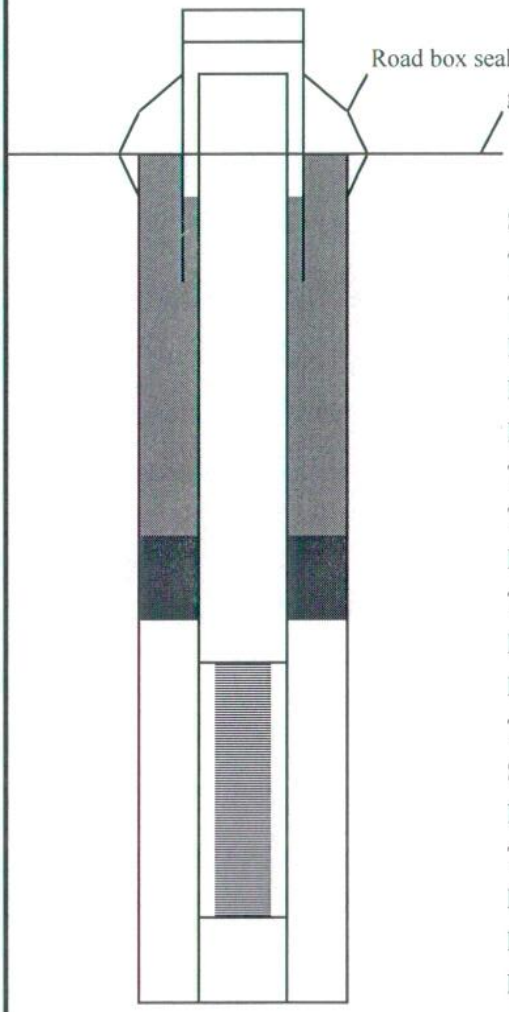
Stick-up of Casing Above Ground Surface: N/A
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 55'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 65'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 65.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-234D (DP-1)
Date Installed:	11/10/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



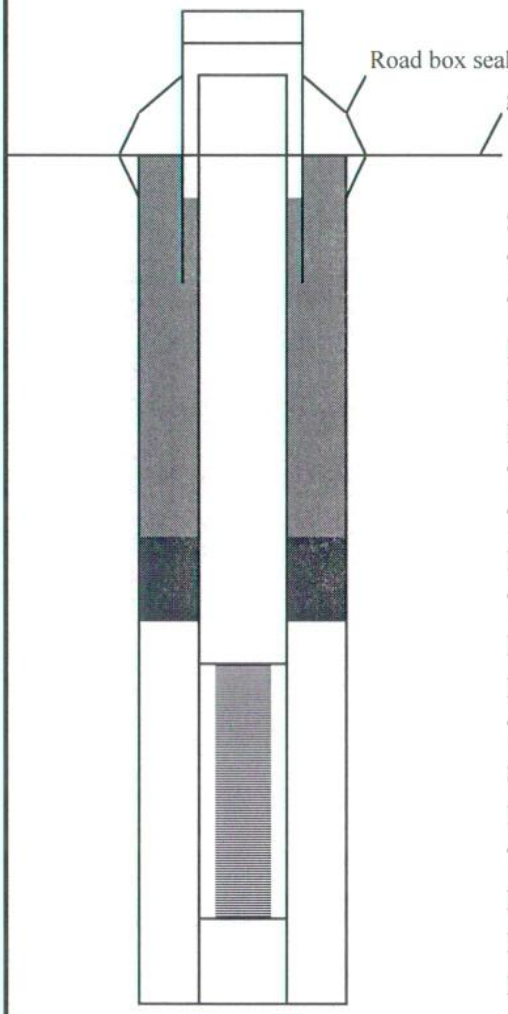
Stick-up of Casing Above Ground Surface: N/A
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 80'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 90'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 90.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-235S (Location K)
Date Installed:	11/17/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



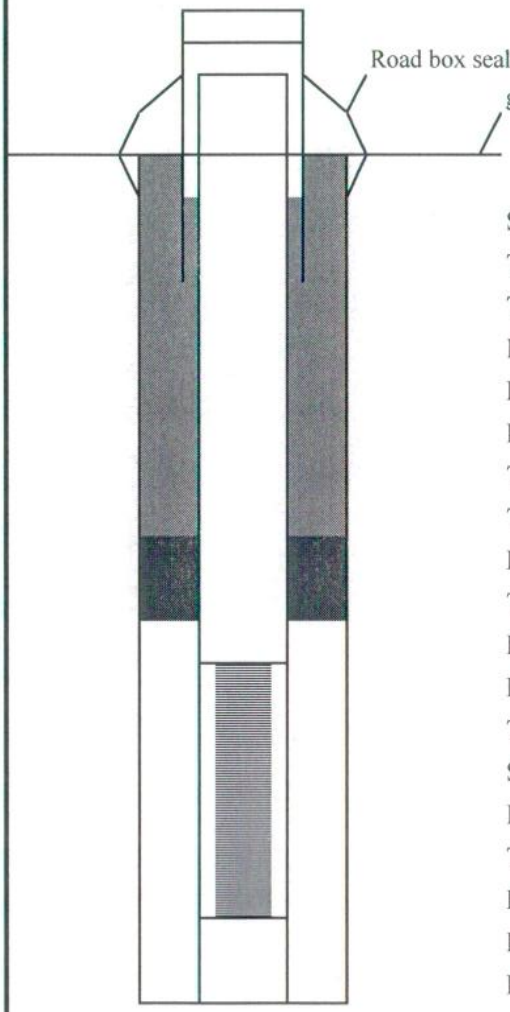
Stick-up of Casing Above Ground Surface: 1.50'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 5'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 15'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 15.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-235D (Location K)
Date Installed:	11/17/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



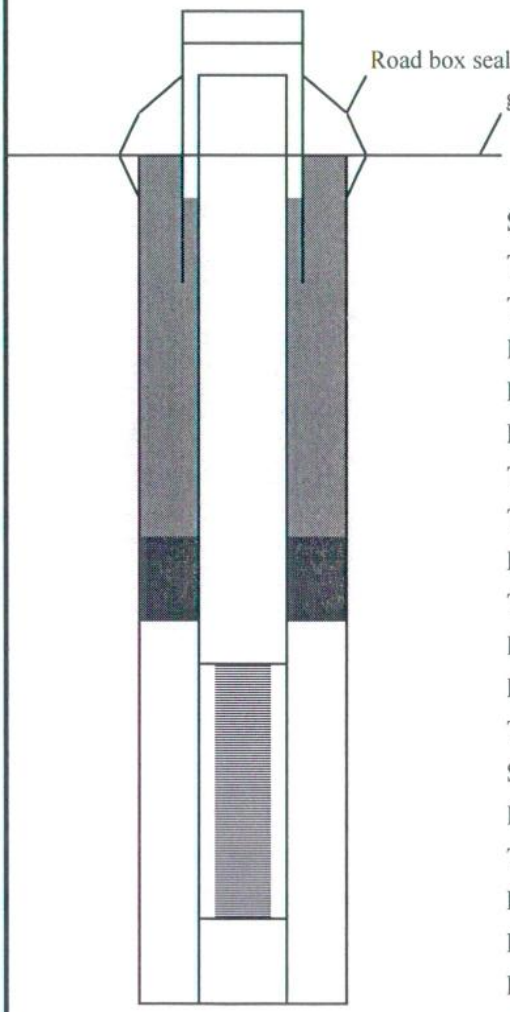
Stick-up of Casing Above Ground Surface: 1.90
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 25'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 35'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 35'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-236S (Location D)
Date Installed:	11/17/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



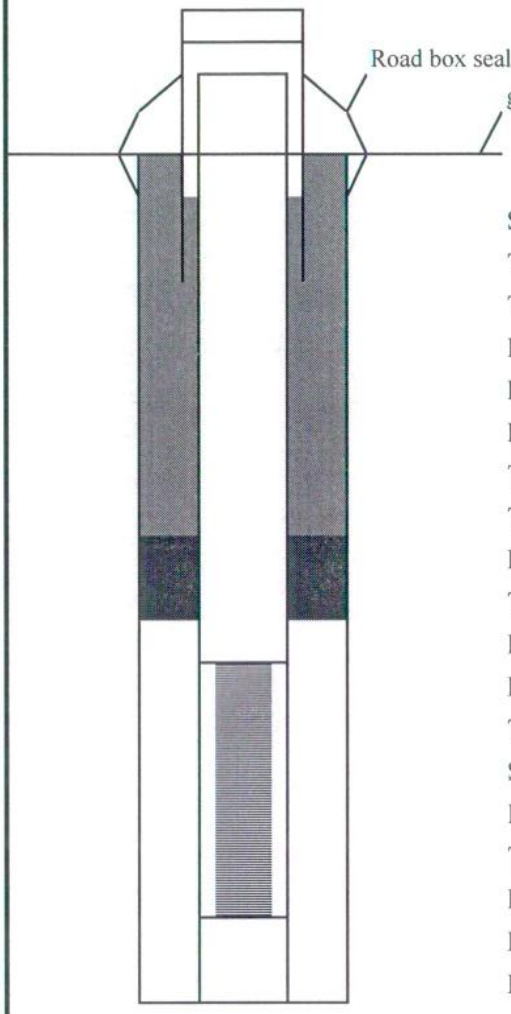
Stick-up of Casing Above Ground Surface: 1.90
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 5'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 15'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 15.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-236D (Location D)
Date Installed:	11/17/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



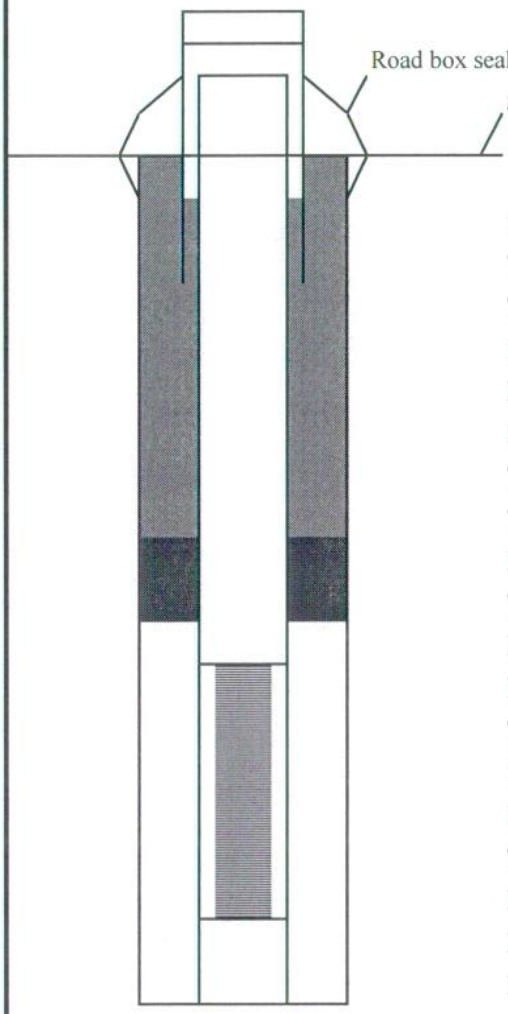
Stick-up of Casing Above Ground Surface: 1.50'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 25'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 35'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 35.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-237S (Location C)
Date Installed:	11/17/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



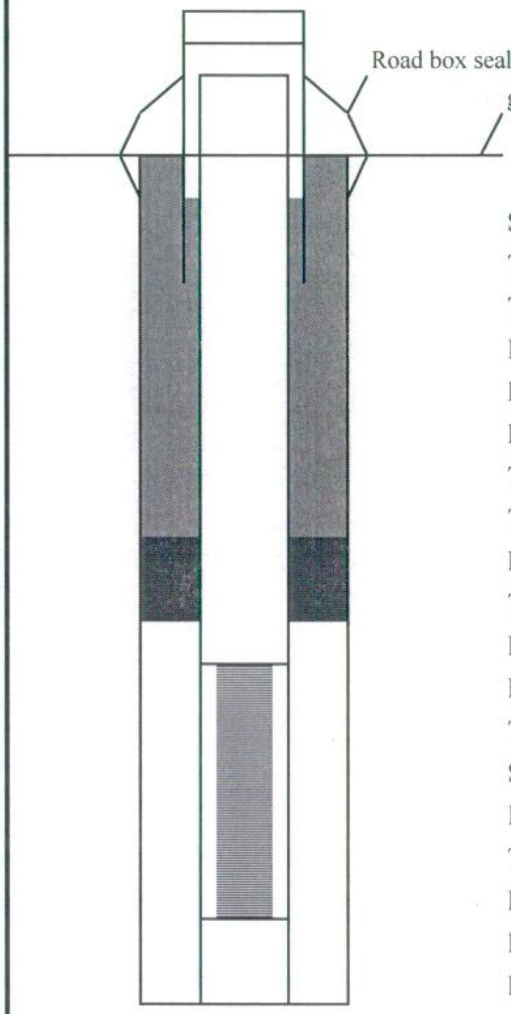
Stick-up of Casing Above Ground Surface: 1.30'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 15'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 25'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 25.5'

Completed by : MAM
Checked by : DLC

MACTEC Engineering & Consulting, Inc.

MONITORING WELL DIAGRAM

Project Name:	Textron/Gorham	**Boring No:**	MW-237D (Location C)
Date Installed:	11/17/2009	**Contractor:**	Pine & Swallow
Project No.:	3650050041 .22	**Drilling Method:**	Direct Push
Field Geologist:	MAM	**Development Method:**	Surge & Purge w/check valve



Stick-up of Casing Above Ground Surface: 1.90'
Type of Surface Seal/Other Protection: None
Type of Surface Casing: Protection Cap
ID of Surface Casing: N/A
Diameter of Borehole: N/A
Riser Pipe ID: 1.05"
Type of Riser Pipe: Steel Rod
Type of Backfill: None
Depth of Top Seal: N/A
Type of Seal: N/A
Depth of Top of Sand: N/A
Depth of Top of Screen: 30'
Type of Screen: Stainless Steel
Slot Size x Length: 0.015" x 10'
ID of Screen: N/A
Type of Sandpack: N/A
Depth of Bottom of Screen: 40'
Depth of Sediment Sump with Plug: N/A
Depth of Bottom of Borehole: 40.5'

Completed by : MAM
Checked by : DLC

Appendix D

ESS Laboratory Reports

CERTIFICATE OF ANALYSIS

CHECKED FOR COMPLETENESS
OF PARAMETERS ORDERED BY:

David Heislein
MACTEC Engineering & Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

RE: Textron Gorham (3650050041-21)
ESS Laboratory Work Order Number: 0911321

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Digitally signed by Melissa Pagliarini
Date: 2009.12.22 12:55:43 -05'00'

Laurel Stoddard
Laboratory Director

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

SAMPLE RECEIPT

The following samples were received on November 30, 2009 for the analyses specified on the enclosed Chain of Custody Record.

ESS Laboratory Sample IDs 0911321-07 and 0911321-08 were not used.

This Project has been Revised to include J-Flag Results for Volatile Organics.

Lab Number	SampleName	Matrix	Analysis
0911321-01	GWMW235S	Ground Water	8260B
0911321-02	GWMW235D	Ground Water	8260B
0911321-03	GWMW236D	Ground Water	8260B
0911321-04	GWMW236S	Ground Water	8260B
0911321-05	GWMW237S	Ground Water	8260B
0911321-06	GWMW237S Dup	Ground Water	8260B
0911321-09	GWMW237D	Ground Water	8260B
0911321-10	GWMW234S	Ground Water	8260B
0911321-11	GWMW234I	Ground Water	8260B
0911321-12	Trip Blank	Aqueous	8260B

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

PROJECT NARRATIVE

8260B Volatile Organic Compounds

BL90309-BS1	**Blank Spike recovery is above upper control limit (B+).**
	Acetone (134% @ 70-130%)
BL90309-MS1	**Matrix Spike recovery is below lower control limit (M-).**
	Acetone (69% @ 70-130%), Trichloroethene (47% @ 70-130%), Trichlorofluoromethane (68% @ 70-130%)
BL90309-MSD1	**Matrix Spike recovery is below lower control limit (M-).**
	Trichloroethene (51% @ 70-130%)
BL90309-MSD1	**Relative percent difference for duplicate is outside of criteria (D+).**
	Acetone (31%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW235S
Date Sampled: 11/30/09 09:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 12:38	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 12:38	BSL0027	BL90309
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
1,1-Dichloroethene	**0.0011** (0.0010)	0.0003	0.007	1	12/03/09 12:38	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 12:38	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 12:38	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 12:38	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 12:38	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 12:38	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 12:38	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 12:38	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 12:38	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 12:38	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 12:38	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 12:38	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 12:38	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 12:38	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 12:38	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 12:38	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 12:38	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001	0.005	1	12/03/09 12:38	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 12:38	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW235S
Date Sampled: 11/30/09 09:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 12:38	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 12:38	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 12:38	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 12:38	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0332** (0.0010)	0.0002	0.07	1	12/03/09 12:38	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 12:38	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 12:38	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 12:38	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 12:38	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 12:38	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 12:38	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 12:38	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 12:38	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:38	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Tetrachloroethene	**0.0069** (0.0010)	0.0002	0.005	1	12/03/09 12:38	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 12:38	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 12:38	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW235S
Date Sampled: 11/30/09 09:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0003** (0.0010)	0.0003	0.1	1	12/03/09 12:38	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 12:38	BSL0027	BL90309
Trichloroethene	**0.0672** (0.0010)	0.0002	0.005	1	12/03/09 12:38	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 12:38	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 12:38	BSL0027	BL90309
Vinyl Chloride	**0.0021** (0.0010)	0.0002	0.002	1	12/03/09 12:38	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 12:38	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 12:38	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 12:38		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 12:38		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*93 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW235D
Date Sampled: 11/30/09 10:05
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 13:10	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 13:10	BSL0027	BL90309
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	12/03/09 13:10	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 13:10	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 13:10	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 13:10	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 13:10	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 13:10	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 13:10	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 13:10	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 13:10	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 13:10	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 13:10	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 13:10	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 13:10	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 13:10	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 13:10	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 13:10	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 13:10	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001	0.005	1	12/03/09 13:10	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 13:10	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW235D
Date Sampled: 11/30/09 10:05
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 13:10	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 13:10	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 13:10	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 13:10	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0119** (0.0010)	0.0002	0.07	1	12/03/09 13:10	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 13:10	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 13:10	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 13:10	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 13:10	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 13:10	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 13:10	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 13:10	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 13:10	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:10	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Tetrachloroethene	**0.0057** (0.0010)	0.0002	0.005	1	12/03/09 13:10	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 13:10	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 13:10	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW235D
Date Sampled: 11/30/09 10:05
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/03/09 13:10	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 13:10	BSL0027	BL90309
Trichloroethene	**0.0195** (0.0010)	0.0002	0.005	1	12/03/09 13:10	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 13:10	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 13:10	BSL0027	BL90309
Vinyl Chloride	**J 0.0009** (0.0010)	0.0002	0.002	1	12/03/09 13:10	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 13:10	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 13:10	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 13:10		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 13:10		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*94 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236D
Date Sampled: 11/30/09 11:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 13:42	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
1,1,2-Trichloroethane	**J 0.0009** (0.0010)	0.0002	0.005	1	12/03/09 13:42	BSL0027	BL90309
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
1,1-Dichloroethene	**0.0010** (0.0010)	0.0003	0.007	1	12/03/09 13:42	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 13:42	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 13:42	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 13:42	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 13:42	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 13:42	BSL0027	BL90309
1,2-Dichloroethane	**J 0.0005** (0.0010)	0.0002	0.005	1	12/03/09 13:42	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 13:42	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 13:42	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 13:42	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 13:42	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 13:42	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 13:42	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 13:42	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 13:42	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 13:42	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 13:42	BSL0027	BL90309
Benzene	**J 0.0004** (0.0010)	0.0001	0.005	1	12/03/09 13:42	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 13:42	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236D
Date Sampled: 11/30/09 11:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 13:42	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 13:42	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 13:42	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 13:42	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0709** (0.0010)	0.0002	0.07	1	12/03/09 13:42	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 13:42	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 13:42	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 13:42	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 13:42	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 13:42	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 13:42	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 13:42	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 13:42	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 13:42	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/03/09 13:42	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 13:42	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 13:42	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236D
Date Sampled: 11/30/09 11:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/03/09 13:42	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 13:42	BSL0027	BL90309
Trichloroethene	**0.0518** (0.0010)	0.0002	0.005	1	12/03/09 13:42	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 13:42	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 13:42	BSL0027	BL90309
Vinyl Chloride	**0.0034** (0.0010)	0.0002	0.002	1	12/03/09 13:42	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 13:42	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 13:42	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 13:42		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 13:42		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*93 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*91 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S
Date Sampled: 11/30/09 11:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 14:14	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
1,1,2-Trichloroethane	**0.0026** (0.0010)	0.0002	0.005	1	12/03/09 14:14	BSL0027	BL90309
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
1,1-Dichloroethene	**0.0059** (0.0010)	0.0003	0.007	1	12/03/09 14:14	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 14:14	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 14:14	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 14:14	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 14:14	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 14:14	BSL0027	BL90309
1,2-Dichloroethane	**0.0017** (0.0010)	0.0002	0.005	1	12/03/09 14:14	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 14:14	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 14:14	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 14:14	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 14:14	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 14:14	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 14:14	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 14:14	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 14:14	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 14:14	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 14:14	BSL0027	BL90309
Benzene	**J 0.0006** (0.0010)	0.0001	0.005	1	12/03/09 14:14	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 14:14	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S
Date Sampled: 11/30/09 11:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 14:14	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 14:14	BSL0027	BL90309
Chlorobenzene	**J 0.0007** (0.0010)	0.0001	0.1	1	12/03/09 14:14	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 14:14	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0886** (0.0010)	0.0002	0.07	1	12/03/09 14:14	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 14:14	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 14:14	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 14:14	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 14:14	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 14:14	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 14:14	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 14:14	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 14:14	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:14	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Tetrachloroethene	**0.0153** (0.0010)	0.0002	0.005	1	12/03/09 14:14	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 14:14	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 14:14	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW236S
Date Sampled: 11/30/09 11:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0007** (0.0010)	0.0003	0.1	1	12/03/09 14:14	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 14:14	BSL0027	BL90309
Trichloroethene	**1.07** (0.0200)	0.0040	0.005	20	12/04/09 12:27	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 14:14	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 14:14	BSL0027	BL90309
Vinyl Chloride	**0.0017** (0.0010)	0.0002	0.002	1	12/03/09 14:14	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 14:14	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 14:14	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 14:14		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 14:14		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*93 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*89 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237S
Date Sampled: 11/30/09 12:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
1,1,1-Trichloroethane	**J 0.0002** (0.0010)	0.0002	0.2	1	12/03/09 14:46	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 14:46	BSL0027	BL90309
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	12/03/09 14:46	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 14:46	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 14:46	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 14:46	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 14:46	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 14:46	BSL0027	BL90309
1,2-Dichloroethane	**J 0.0002** (0.0010)	0.0002	0.005	1	12/03/09 14:46	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 14:46	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 14:46	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 14:46	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 14:46	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 14:46	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 14:46	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 14:46	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 14:46	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 14:46	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 14:46	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001	0.005	1	12/03/09 14:46	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 14:46	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237S
Date Sampled: 11/30/09 12:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 14:46	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 14:46	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 14:46	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 14:46	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0012** (0.0010)	0.0002	0.07	1	12/03/09 14:46	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 14:46	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 14:46	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 14:46	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 14:46	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 14:46	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 14:46	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 14:46	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
sec-Butylbenzene	**J 0.0002** (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 14:46	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 14:46	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Tetrachloroethene	**0.0050** (0.0010)	0.0002	0.005	1	12/03/09 14:46	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 14:46	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 14:46	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237S
Date Sampled: 11/30/09 12:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/03/09 14:46	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 14:46	BSL0027	BL90309
Trichloroethene	**0.0511** (0.0010)	0.0002	0.005	1	12/03/09 14:46	BSL0027	BL90309
Trichlorofluoromethane	**0.0075** (0.0010)	0.0004		1	12/03/09 14:46	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 14:46	BSL0027	BL90309
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	12/03/09 14:46	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 14:46	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 14:46	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 14:46		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 14:46		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*96 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*94 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237S Dup
Date Sampled: 11/30/09 12:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 15:18	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 15:18	BSL0027	BL90309
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	12/03/09 15:18	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 15:18	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 15:18	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 15:18	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 15:18	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 15:18	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 15:18	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 15:18	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 15:18	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 15:18	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 15:18	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 15:18	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 15:18	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 15:18	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 15:18	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 15:18	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 15:18	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001	0.005	1	12/03/09 15:18	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 15:18	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237S Dup
Date Sampled: 11/30/09 12:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 15:18	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 15:18	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 15:18	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 15:18	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0012** (0.0010)	0.0002	0.07	1	12/03/09 15:18	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 15:18	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 15:18	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 15:18	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 15:18	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 15:18	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 15:18	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 15:18	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
sec-Butylbenzene	**J 0.0002** (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 15:18	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:18	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Tetrachloroethene	**0.0049** (0.0010)	0.0002	0.005	1	12/03/09 15:18	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 15:18	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 15:18	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237S Dup
Date Sampled: 11/30/09 12:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/03/09 15:18	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 15:18	BSL0027	BL90309
Trichloroethene	**0.0499** (0.0010)	0.0002	0.005	1	12/03/09 15:18	BSL0027	BL90309
Trichlorofluoromethane	**0.0063** (0.0010)	0.0004		1	12/03/09 15:18	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 15:18	BSL0027	BL90309
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	12/03/09 15:18	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 15:18	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 15:18	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 15:18		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 15:18		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*95 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*89 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237D
Date Sampled: 11/30/09 12:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 15:50	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
1,1,2-Trichloroethane	**0.0018** (0.0010)	0.0002	0.005	1	12/03/09 15:50	BSL0027	BL90309
1,1-Dichloroethane	**J 0.0003** (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
1,1-Dichloroethene	**0.0033** (0.0010)	0.0003	0.007	1	12/03/09 15:50	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 15:50	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 15:50	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 15:50	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 15:50	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 15:50	BSL0027	BL90309
1,2-Dichloroethane	**0.0015** (0.0010)	0.0002	0.005	1	12/03/09 15:50	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 15:50	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 15:50	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 15:50	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 15:50	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 15:50	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 15:50	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 15:50	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 15:50	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 15:50	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 15:50	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001	0.005	1	12/03/09 15:50	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 15:50	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237D
Date Sampled: 11/30/09 12:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 15:50	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 15:50	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 15:50	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 15:50	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0710** (0.0010)	0.0002	0.07	1	12/03/09 15:50	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 15:50	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 15:50	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 15:50	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 15:50	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 15:50	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 15:50	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 15:50	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 15:50	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 15:50	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Tetrachloroethene	**0.0367** (0.0010)	0.0002	0.005	1	12/03/09 15:50	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 15:50	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 15:50	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW237D
Date Sampled: 11/30/09 12:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**0.0027** (0.0010)	0.0003	0.1	1	12/03/09 15:50	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 15:50	BSL0027	BL90309
Trichloroethene	**0.617** (0.0100)	0.0020	0.005	10	12/04/09 11:55	BSL0027	BL90309
Trichlorofluoromethane	**0.0016** (0.0010)	0.0004		1	12/03/09 15:50	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 15:50	BSL0027	BL90309
Vinyl Chloride	**0.0015** (0.0010)	0.0002	0.002	1	12/03/09 15:50	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 15:50	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 15:50	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 15:50		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 15:50		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*93 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*89 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234S
Date Sampled: 11/30/09 15:05
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-10
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
1,1,1-Trichloroethane	**1.06** (0.0200)	0.0040	0.2	20	12/04/09 12:59	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 16:22	BSL0027	BL90309
1,1-Dichloroethane	**0.166** (0.0200)	0.0040		20	12/04/09 12:59	BSL0027	BL90309
1,1-Dichloroethene	**0.0371** (0.0010)	0.0003	0.007	1	12/03/09 16:22	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 16:22	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 16:22	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 16:22	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 16:22	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 16:22	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 16:22	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 16:22	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 16:22	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 16:22	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 16:22	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 16:22	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 16:22	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 16:22	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 16:22	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 16:22	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 16:22	BSL0027	BL90309
Benzene	**J 0.0001** (0.0010)	0.0001	0.005	1	12/03/09 16:22	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 16:22	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234S
Date Sampled: 11/30/09 15:05
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-10
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 16:22	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 16:22	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 16:22	BSL0027	BL90309
Chloroethane	**0.0031** (0.0020)	0.0004		1	12/03/09 16:22	BSL0027	BL90309
Chloroform	**J 0.0002** (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.100** (0.0200)	0.0040	0.07	20	12/04/09 12:59	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 16:22	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 16:22	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 16:22	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 16:22	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 16:22	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 16:22	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 16:22	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 16:22	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:22	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Tetrachloroethene	**0.0026** (0.0010)	0.0002	0.005	1	12/03/09 16:22	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 16:22	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 16:22	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234S
Date Sampled: 11/30/09 15:05
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-10
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0004** (0.0010)	0.0003	0.1	1	12/03/09 16:22	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 16:22	BSL0027	BL90309
Trichloroethene	**0.489** (0.0200)	0.0040	0.005	20	12/04/09 12:59	BSL0027	BL90309
Trichlorofluoromethane	**0.0071** (0.0010)	0.0004		1	12/03/09 16:22	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 16:22	BSL0027	BL90309
Vinyl Chloride	**J 0.0005** (0.0010)	0.0002	0.002	1	12/03/09 16:22	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 16:22	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 16:22	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 16:22		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 16:22		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*97 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234I
Date Sampled: 11/30/09 15:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-11
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
1,1,1-Trichloroethane	**0.0085** (0.0010)	0.0002	0.2	1	12/03/09 16:54	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
1,1,2-Trichloroethane	**0.0010** (0.0010)	0.0002	0.005	1	12/03/09 16:54	BSL0027	BL90309
1,1-Dichloroethane	**0.0042** (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
1,1-Dichloroethene	**0.0134** (0.0010)	0.0003	0.007	1	12/03/09 16:54	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 16:54	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 16:54	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 16:54	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 16:54	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 16:54	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 16:54	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 16:54	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 16:54	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 16:54	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 16:54	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 16:54	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 16:54	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 16:54	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 16:54	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 16:54	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 16:54	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001	0.005	1	12/03/09 16:54	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 16:54	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234I
Date Sampled: 11/30/09 15:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-11
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 16:54	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 16:54	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 16:54	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 16:54	BSL0027	BL90309
Chloroform	**J 0.0002** (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0221** (0.0010)	0.0002	0.07	1	12/03/09 16:54	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 16:54	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 16:54	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 16:54	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 16:54	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 16:54	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 16:54	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 16:54	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 16:54	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 16:54	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/03/09 16:54	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 16:54	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 16:54	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234I
Date Sampled: 11/30/09 15:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-11
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0008** (0.0010)	0.0003	0.1	1	12/03/09 16:54	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 16:54	BSL0027	BL90309
Trichloroethene	**0.0208** (0.0010)	0.0002	0.005	1	12/03/09 16:54	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 16:54	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 16:54	BSL0027	BL90309
Vinyl Chloride	**J 0.0006** (0.0010)	0.0002	0.002	1	12/03/09 16:54	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 16:54	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 16:54	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 16:54		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 16:54		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*96 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*91 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: Trip Blank
Date Sampled: 11/30/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-12
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,1-Dichloroethene	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010		1	12/03/09 12:06	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 12:06	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 12:06	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 12:06	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 12:06	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 12:06	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 12:06	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: Trip Blank
Date Sampled: 11/30/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-12
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 12:06	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 12:06	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
cis-1,2-Dichloroethene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Tetrachloroethene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 12:06	BSL0027	BL90309
Toluene	**J 0.0002** (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: Trip Blank
Date Sampled: 11/30/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0911321
ESS Laboratory Sample ID: 0911321-12
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003		1	12/03/09 12:06	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0005)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Trichloroethene	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 12:06	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 12:06	BSL0027	BL90309
Vinyl Chloride	ND (0.0010)	0.0002		1	12/03/09 12:06	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001		1	12/03/09 12:06	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002		1	12/03/09 12:06	BSL0027	BL90309

	%Recovery	*Qualifier*	*Limits*
Surrogate: 1,2-Dichloroethane-d4	*93 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*88 %*		*70-130*
Surrogate: Toluene-d8	*94 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0236*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0227*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Toluene-d8	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.68		ug/L	10.00		97	70-130			
1,1,1-Trichloroethane	9.49		ug/L	10.00		95	70-130			
1,1,2,2-Tetrachloroethane	9.54		ug/L	10.00		95	70-130			
1,1,2-Trichloroethane	9.67		ug/L	10.00		97	70-130			
1,1-Dichloroethane	10.1		ug/L	10.00		101	70-130			
1,1-Dichloroethene	9.80		ug/L	10.00		98	70-130			
1,1-Dichloropropene	9.48		ug/L	10.00		95	70-130			
1,2,3-Trichlorobenzene	12.0		ug/L	10.00		120	70-130			
1,2,3-Trichloropropane	9.56		ug/L	10.00		96	70-130			
1,2,4-Trichlorobenzene	10.9		ug/L	10.00		109	70-130			
1,2,4-Trimethylbenzene	9.72		ug/L	10.00		97	70-130			
1,2-Dibromo-3-Chloropropane	10.1		ug/L	10.00		101	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
1,2-Dibromoethane	9.67		ug/L	10.00		97	70-130			
1,2-Dichlorobenzene	9.87		ug/L	10.00		99	70-130			
1,2-Dichloroethane	9.69		ug/L	10.00		97	70-130			
1,2-Dichloropropane	10.0		ug/L	10.00		100	70-130			
1,3,5-Trimethylbenzene	9.74		ug/L	10.00		97	70-130			
1,3-Dichlorobenzene	9.65		ug/L	10.00		96	70-130			
1,3-Dichloropropane	9.87		ug/L	10.00		99	70-130			
1,4-Dichlorobenzene	9.78		ug/L	10.00		98	70-130			
1,4-Dioxane - Screen	336		ug/L	200.0		168	0-332			
1-Chlorohexane	9.13		ug/L	10.00		91	70-130			
2,2-Dichloropropane	9.37		ug/L	10.00		94	70-130			
2-Butanone	58.9		ug/L	50.00		118	70-130			
2-Chlorotoluene	9.72		ug/L	10.00		97	70-130			
2-Hexanone	54.1		ug/L	50.00		108	70-130			
4-Chlorotoluene	9.85		ug/L	10.00		98	70-130			
4-Isopropyltoluene	9.68		ug/L	10.00		97	70-130			
4-Methyl-2-Pentanone	47.8		ug/L	50.00		96	70-130			
Acetone	67.2		ug/L	50.00		134	70-130			B+
Benzene	9.85		ug/L	10.00		98	70-130			
Bromobenzene	10.0		ug/L	10.00		100	70-130			
Bromochloromethane	9.73		ug/L	10.00		97	70-130			
Bromodichloromethane	9.88		ug/L	10.00		99	70-130			
Bromoform	9.26		ug/L	10.00		93	70-130			
Bromomethane	9.51		ug/L	10.00		95	70-130			
Carbon Disulfide	10.7		ug/L	10.00		107	70-130			
Carbon Tetrachloride	9.55		ug/L	10.00		96	70-130			
Chlorobenzene	9.90		ug/L	10.00		99	70-130			
Chloroethane	10.8		ug/L	10.00		108	70-130			
Chloroform	9.83		ug/L	10.00		98	70-130			
Chloromethane	10.3		ug/L	10.00		103	70-130			
cis-1,2-Dichloroethene	9.74		ug/L	10.00		97	70-130			
cis-1,3-Dichloropropene	9.76		ug/L	10.00		98	70-130			
Dibromochloromethane	9.47		ug/L	10.00		95	70-130			
Dibromomethane	9.20		ug/L	10.00		92	70-130			
Dichlorodifluoromethane	9.49		ug/L	10.00		95	70-130			
Diethyl Ether	10.2		ug/L	10.00		102	70-130			
Di-isopropyl ether	9.91		ug/L	10.00		99	70-130			
Ethyl tertiary-butyl ether	9.29		ug/L	10.00		93	70-130			
Ethylbenzene	9.76		ug/L	10.00		98	70-130			
Hexachlorobutadiene	11.0		ug/L	10.00		110	70-130			
Hexachloroethane	10.0		ug/L	10.00		100	70-130			
Isopropylbenzene	8.13		ug/L	10.00		81	70-130			
Methyl tert-Butyl Ether	9.46		ug/L	10.00		95	70-130			
Methylene Chloride	10.5		ug/L	10.00		105	70-130			
Naphthalene	10.2		ug/L	10.00		102	70-130			
n-Butylbenzene	10.3		ug/L	10.00		103	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
n-Propylbenzene	9.43		ug/L	10.00		94	70-130			
sec-Butylbenzene	9.94		ug/L	10.00		99	70-130			
Styrene	9.86		ug/L	10.00		99	70-130			
tert-Butylbenzene	9.45		ug/L	10.00		94	70-130			
Tertiary-amyl methyl ether	9.43		ug/L	10.00		94	70-130			
Tetrachloroethene	9.73		ug/L	10.00		97	70-130			
Tetrahydrofuran	10.1		ug/L	10.00		101	70-130			
Toluene	9.83		ug/L	10.00		98	70-130			
trans-1,2-Dichloroethene	10.4		ug/L	10.00		104	70-130			
trans-1,3-Dichloropropene	8.62		ug/L	10.00		86	70-130			
Trichloroethene	9.52		ug/L	10.00		95	70-130			
Trichlorofluoromethane	10.3		ug/L	10.00		103	70-130			
Vinyl Acetate	9.72		ug/L	10.00		97	70-130			
Vinyl Chloride	10.0		ug/L	10.00		100	70-130			
Xylene O	9.90		ug/L	10.00		99	70-130			
Xylene P,M	19.7		ug/L	20.00		99	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0237*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0233*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Toluene-d8	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.35		ug/L	10.00		94	70-130	3	25	
1,1,1-Trichloroethane	9.20		ug/L	10.00		92	70-130	3	25	
1,1,2,2-Tetrachloroethane	9.73		ug/L	10.00		97	70-130	2	25	
1,1,2-Trichloroethane	9.67		ug/L	10.00		97	70-130	0	25	
1,1-Dichloroethane	9.77		ug/L	10.00		98	70-130	3	25	
1,1-Dichloroethene	9.59		ug/L	10.00		96	70-130	2	25	
1,1-Dichloropropene	9.32		ug/L	10.00		93	70-130	2	25	
1,2,3-Trichlorobenzene	10.6		ug/L	10.00		106	70-130	12	25	
1,2,3-Trichloropropane	10.0		ug/L	10.00		100	70-130	5	25	
1,2,4-Trichlorobenzene	9.30		ug/L	10.00		93	70-130	16	25	
1,2,4-Trimethylbenzene	9.42		ug/L	10.00		94	70-130	3	25	
1,2-Dibromo-3-Chloropropane	9.61		ug/L	10.00		96	70-130	5	25	
1,2-Dibromoethane	9.52		ug/L	10.00		95	70-130	2	25	
1,2-Dichlorobenzene	9.40		ug/L	10.00		94	70-130	5	25	
1,2-Dichloroethane	9.87		ug/L	10.00		99	70-130	2	25	
1,2-Dichloropropane	9.70		ug/L	10.00		97	70-130	3	25	
1,3,5-Trimethylbenzene	9.49		ug/L	10.00		95	70-130	3	25	
1,3-Dichlorobenzene	9.51		ug/L	10.00		95	70-130	1	25	
1,3-Dichloropropane	9.91		ug/L	10.00		99	70-130	0.4	25	
1,4-Dichlorobenzene	9.45		ug/L	10.00		94	70-130	3	25	
1,4-Dioxane - Screen	247		ug/L	200.0		124	0-332	31	200	
1-Chlorohexane	9.11		ug/L	10.00		91	70-130	0.2	25	
2,2-Dichloropropane	9.15		ug/L	10.00		92	70-130	2	25	
2-Butanone	51.8		ug/L	50.00		104	70-130	13	25	
2-Chlorotoluene	9.33		ug/L	10.00		93	70-130	4	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
2-Hexanone	51.7		ug/L	50.00		103	70-130	5	25	
4-Chlorotoluene	9.35		ug/L	10.00		94	70-130	5	25	
4-Isopropyltoluene	8.99		ug/L	10.00		90	70-130	7	25	
4-Methyl-2-Pentanone	48.4		ug/L	50.00		97	70-130	1	25	
Acetone	64.2		ug/L	50.00		128	70-130	5	25	
Benzene	9.55		ug/L	10.00		96	70-130	3	25	
Bromobenzene	9.70		ug/L	10.00		97	70-130	3	25	
Bromochloromethane	9.54		ug/L	10.00		95	70-130	2	25	
Bromodichloromethane	9.68		ug/L	10.00		97	70-130	2	25	
Bromoform	8.98		ug/L	10.00		90	70-130	3	25	
Bromomethane	9.04		ug/L	10.00		90	70-130	5	25	
Carbon Disulfide	10.4		ug/L	10.00		104	70-130	3	25	
Carbon Tetrachloride	9.14		ug/L	10.00		91	70-130	4	25	
Chlorobenzene	9.52		ug/L	10.00		95	70-130	4	25	
Chloroethane	10.6		ug/L	10.00		106	70-130	2	25	
Chloroform	9.52		ug/L	10.00		95	70-130	3	25	
Chloromethane	10.0		ug/L	10.00		100	70-130	3	25	
cis-1,2-Dichloroethene	9.36		ug/L	10.00		94	70-130	4	25	
cis-1,3-Dichloropropene	9.52		ug/L	10.00		95	70-130	2	25	
Dibromochloromethane	9.31		ug/L	10.00		93	70-130	2	25	
Dibromomethane	9.31		ug/L	10.00		93	70-130	1	25	
Dichlorodifluoromethane	9.37		ug/L	10.00		94	70-130	1	25	
Diethyl Ether	10.1		ug/L	10.00		101	70-130	2	25	
Di-isopropyl ether	9.72		ug/L	10.00		97	70-130	2	25	
Ethyl tertiary-butyl ether	9.19		ug/L	10.00		92	70-130	1	25	
Ethylbenzene	9.41		ug/L	10.00		94	70-130	4	25	
Hexachlorobutadiene	10.3		ug/L	10.00		103	70-130	7	25	
Hexachloroethane	9.17		ug/L	10.00		92	70-130	9	25	
Isopropylbenzene	7.96		ug/L	10.00		80	70-130	2	25	
Methyl tert-Butyl Ether	9.23		ug/L	10.00		92	70-130	2	25	
Methylene Chloride	10.3		ug/L	10.00		103	70-130	2	25	
Naphthalene	9.30		ug/L	10.00		93	70-130	9	25	
n-Butylbenzene	9.33		ug/L	10.00		93	70-130	9	25	
n-Propylbenzene	9.03		ug/L	10.00		90	70-130	4	25	
sec-Butylbenzene	9.34		ug/L	10.00		93	70-130	6	25	
Styrene	9.45		ug/L	10.00		94	70-130	4	25	
tert-Butylbenzene	9.03		ug/L	10.00		90	70-130	5	25	
Tertiary-amyl methyl ether	9.15		ug/L	10.00		92	70-130	3	25	
Tetrachloroethene	9.51		ug/L	10.00		95	70-130	2	25	
Tetrahydrofuran	10.2		ug/L	10.00		102	70-130	0.6	25	
Toluene	9.57		ug/L	10.00		96	70-130	3	25	
trans-1,2-Dichloroethene	9.91		ug/L	10.00		99	70-130	5	25	
trans-1,3-Dichloropropene	8.34		ug/L	10.00		83	70-130	3	25	
Trichloroethene	9.38		ug/L	10.00		94	70-130	1	25	
Trichlorofluoromethane	9.15		ug/L	10.00		92	70-130	12	25	
Vinyl Acetate	9.59		ug/L	10.00		96	70-130	1	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Vinyl Chloride	9.73		ug/L	10.00		97	70-130	3	25	
Xylene O	9.51		ug/L	10.00		95	70-130	4	25	
Xylene P,M	18.8		ug/L	20.00		94	70-130	5	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0233*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0228*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Toluene-d8	*0.0239*		mg/L	*0.02500*		*96*	*70-130*			
Matrix Spike Source: 0911321-05										
1,1,1,2-Tetrachloroethane	9.86		ug/L	10.00	ND	99	70-130			
1,1,1-Trichloroethane	10.2		ug/L	10.00	0.220	100	70-130			
1,1,2,2-Tetrachloroethane	10.0		ug/L	10.00	ND	100	70-130			
1,1,2-Trichloroethane	9.84		ug/L	10.00	ND	98	70-130			
1,1-Dichloroethane	10.2		ug/L	10.00	ND	102	70-130			
1,1-Dichloroethene	10.3		ug/L	10.00	0.160	102	70-130			
1,1-Dichloropropene	9.97		ug/L	10.00	ND	100	70-130			
1,2,3-Trichlorobenzene	9.70		ug/L	10.00	ND	97	70-130			
1,2,3-Trichloropropane	10.0		ug/L	10.00	ND	100	70-130			
1,2,4-Trichlorobenzene	9.47		ug/L	10.00	ND	95	70-130			
1,2,4-Trimethylbenzene	10.2		ug/L	10.00	ND	102	70-130			
1,2-Dibromo-3-Chloropropane	10.2		ug/L	10.00	ND	102	70-130			
1,2-Dibromoethane	9.62		ug/L	10.00	ND	96	70-130			
1,2-Dichlorobenzene	9.99		ug/L	10.00	ND	100	70-130			
1,2-Dichloroethane	10.4		ug/L	10.00	0.220	102	70-130			
1,2-Dichloropropane	10.5		ug/L	10.00	ND	105	70-130			
1,3,5-Trimethylbenzene	10.2		ug/L	10.00	ND	102	70-130			
1,3-Dichlorobenzene	9.88		ug/L	10.00	ND	99	70-130			
1,3-Dichloropropane	10.4		ug/L	10.00	ND	104	70-130			
1,4-Dichlorobenzene	9.80		ug/L	10.00	ND	98	70-130			
1,4-Dioxane - Screen	181		ug/L	200.0	ND	90	0-332			
1-Chlorohexane	10.4		ug/L	10.00	ND	104	70-130			
2,2-Dichloropropane	9.54		ug/L	10.00	ND	95	70-130			
2-Butanone	45.1		ug/L	50.00	ND	90	70-130			
2-Chlorotoluene	10.1		ug/L	10.00	ND	101	70-130			
2-Hexanone	50.5		ug/L	50.00	ND	101	70-130			
4-Chlorotoluene	10.2		ug/L	10.00	ND	102	70-130			
4-Isopropyltoluene	9.77		ug/L	10.00	ND	98	70-130			
4-Methyl-2-Pentanone	49.3		ug/L	50.00	ND	99	70-130			
Acetone	34.5		ug/L	50.00	ND	69	70-130			M-
Benzene	10.2		ug/L	10.00	ND	102	70-130			
Bromobenzene	10.2		ug/L	10.00	ND	102	70-130			
Bromochloromethane	9.54		ug/L	10.00	ND	95	70-130			
Bromodichloromethane	10.7		ug/L	10.00	ND	107	70-130			
Bromoform	8.94		ug/L	10.00	ND	89	70-130			
Bromomethane	9.01		ug/L	10.00	ND	90	70-130			
Carbon Disulfide	10.9		ug/L	10.00	ND	109	70-130			
Carbon Tetrachloride	10.2		ug/L	10.00	ND	102	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Chlorobenzene	9.87		ug/L	10.00	ND	99	70-130			
Chloroethane	11.2		ug/L	10.00	ND	112	70-130			
Chloroform	10.1		ug/L	10.00	0.100	100	70-130			
Chloromethane	10.6		ug/L	10.00	ND	106	70-130			
cis-1,2-Dichloroethene	10.9		ug/L	10.00	1.24	97	70-130			
cis-1,3-Dichloropropene	9.69		ug/L	10.00	ND	97	70-130			
Dibromochloromethane	9.55		ug/L	10.00	ND	96	70-130			
Dibromomethane	9.33		ug/L	10.00	ND	93	70-130			
Dichlorodifluoromethane	10.4		ug/L	10.00	ND	104	70-130			
Diethyl Ether	10.2		ug/L	10.00	ND	102	70-130			
Di-isopropyl ether	10.0		ug/L	10.00	ND	100	70-130			
Ethyl tertiary-butyl ether	9.65		ug/L	10.00	ND	96	70-130			
Ethylbenzene	10.1		ug/L	10.00	ND	101	70-130			
Hexachlorobutadiene	10.6		ug/L	10.00	ND	106	70-130			
Hexachloroethane	10.5		ug/L	10.00	ND	105	70-130			
Isopropylbenzene	8.84		ug/L	10.00	ND	88	70-130			
Methyl tert-Butyl Ether	9.64		ug/L	10.00	ND	96	70-130			
Methylene Chloride	10.5		ug/L	10.00	ND	105	70-130			
Naphthalene	9.65		ug/L	10.00	ND	96	70-130			
n-Butylbenzene	10.8		ug/L	10.00	ND	108	70-130			
n-Propylbenzene	10.2		ug/L	10.00	ND	102	70-130			
sec-Butylbenzene	10.9		ug/L	10.00	0.210	106	70-130			
Styrene	9.90		ug/L	10.00	ND	99	70-130			
tert-Butylbenzene	10.2		ug/L	10.00	ND	102	70-130			
Tertiary-amyl methyl ether	9.53		ug/L	10.00	ND	95	70-130			
Tetrachloroethene	14.9		ug/L	10.00	4.97	99	70-130			
Tetrahydrofuran	9.09		ug/L	10.00	ND	91	70-130			
Toluene	10.1		ug/L	10.00	ND	101	70-130			
trans-1,2-Dichloroethene	10.4		ug/L	10.00	0.0900	104	70-130			
trans-1,3-Dichloropropene	8.44		ug/L	10.00	ND	84	70-130			
Trichloroethene	55.8		ug/L	10.00	51.1	47	70-130			M-
Trichlorofluoromethane	14.3		ug/L	10.00	7.50	68	70-130			M-
Vinyl Acetate	8.64		ug/L	10.00	ND	86	70-130			
Vinyl Chloride	10.7		ug/L	10.00	ND	107	70-130			
Xylene O	9.86		ug/L	10.00	ND	99	70-130			
Xylene P,M	20.2		ug/L	20.00	ND	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0233*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0234*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0228*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Toluene-d8	*0.0241*		mg/L	*0.02500*		*96*	*70-130*			
Matrix Spike Dup **Source: 0911321-05**										
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.00	ND	97	70-130	2	30	
1,1,1-Trichloroethane	10.5		ug/L	10.00	0.220	103	70-130	3	30	
1,1,2,2-Tetrachloroethane	9.80		ug/L	10.00	ND	98	70-130	2	30	
1,1,2-Trichloroethane	10.1		ug/L	10.00	ND	101	70-130	3	30	
1,1-Dichloroethane	10.5		ug/L	10.00	ND	105	70-130	3	30	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
1,1-Dichloroethene	10.5		ug/L	10.00	0.160	103	70-130	2	30	
1,1-Dichloropropene	10.2		ug/L	10.00	ND	102	70-130	3	30	
1,2,3-Trichlorobenzene	10.4		ug/L	10.00	ND	104	70-130	7	30	
1,2,3-Trichloropropane	9.84		ug/L	10.00	ND	98	70-130	2	30	
1,2,4-Trichlorobenzene	9.71		ug/L	10.00	ND	97	70-130	3	30	
1,2,4-Trimethylbenzene	9.84		ug/L	10.00	ND	98	70-130	4	30	
1,2-Dibromo-3-Chloropropane	10.2		ug/L	10.00	ND	102	70-130	0.2	30	
1,2-Dibromoethane	9.45		ug/L	10.00	ND	94	70-130	2	30	
1,2-Dichlorobenzene	9.71		ug/L	10.00	ND	97	70-130	3	30	
1,2-Dichloroethane	10.4		ug/L	10.00	0.220	102	70-130	0.1	30	
1,2-Dichloropropane	10.4		ug/L	10.00	ND	104	70-130	0.8	30	
1,3,5-Trimethylbenzene	9.98		ug/L	10.00	ND	100	70-130	2	30	
1,3-Dichlorobenzene	9.55		ug/L	10.00	ND	96	70-130	3	30	
1,3-Dichloropropane	9.93		ug/L	10.00	ND	99	70-130	4	30	
1,4-Dichlorobenzene	9.80		ug/L	10.00	ND	98	70-130	0	30	
1,4-Dioxane - Screen	239		ug/L	200.0	ND	119	0-332	27	200	
1-Chlorohexane	9.87		ug/L	10.00	ND	99	70-130	5	30	
2,2-Dichloropropane	9.75		ug/L	10.00	ND	98	70-130	2	30	
2-Butanone	47.1		ug/L	50.00	ND	94	70-130	4	30	
2-Chlorotoluene	10.0		ug/L	10.00	ND	100	70-130	1	30	
2-Hexanone	49.9		ug/L	50.00	ND	100	70-130	1	30	
4-Chlorotoluene	9.71		ug/L	10.00	ND	97	70-130	5	30	
4-Isopropyltoluene	9.57		ug/L	10.00	ND	96	70-130	2	30	
4-Methyl-2-Pentanone	51.7		ug/L	50.00	ND	103	70-130	5	30	
Acetone	47.4		ug/L	50.00	ND	95	70-130	31	30	D+
Benzene	10.2		ug/L	10.00	ND	102	70-130	0.2	30	
Bromobenzene	9.86		ug/L	10.00	ND	99	70-130	3	30	
Bromochloromethane	9.72		ug/L	10.00	ND	97	70-130	2	30	
Bromodichloromethane	10.7		ug/L	10.00	ND	107	70-130	0.4	30	
Bromoform	8.81		ug/L	10.00	ND	88	70-130	1	30	
Bromomethane	9.61		ug/L	10.00	ND	96	70-130	6	30	
Carbon Disulfide	11.4		ug/L	10.00	ND	114	70-130	4	30	
Carbon Tetrachloride	10.2		ug/L	10.00	ND	102	70-130	0.6	30	
Chlorobenzene	9.90		ug/L	10.00	ND	99	70-130	0.3	30	
Chloroethane	11.4		ug/L	10.00	ND	114	70-130	2	30	
Chloroform	10.2		ug/L	10.00	0.100	101	70-130	1	30	
Chloromethane	10.8		ug/L	10.00	ND	108	70-130	2	30	
cis-1,2-Dichloroethene	11.0		ug/L	10.00	1.24	98	70-130	1	30	
cis-1,3-Dichloropropene	9.81		ug/L	10.00	ND	98	70-130	1	30	
Dibromochloromethane	9.16		ug/L	10.00	ND	92	70-130	4	30	
Dibromomethane	9.55		ug/L	10.00	ND	96	70-130	2	30	
Dichlorodifluoromethane	10.6		ug/L	10.00	ND	106	70-130	1	30	
Diethyl Ether	10.4		ug/L	10.00	ND	104	70-130	2	30	
Di-isopropyl ether	10.4		ug/L	10.00	ND	104	70-130	3	30	
Ethyl tertiary-butyl ether	9.80		ug/L	10.00	ND	98	70-130	2	30	
Ethylbenzene	10.2		ug/L	10.00	ND	102	70-130	0.7	30	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Hexachlorobutadiene	10.2		ug/L	10.00	ND	102	70-130	3	30	
Hexachloroethane	9.69		ug/L	10.00	ND	97	70-130	8	30	
Isopropylbenzene	8.57		ug/L	10.00	ND	86	70-130	3	30	
Methyl tert-Butyl Ether	9.92		ug/L	10.00	ND	99	70-130	3	30	
Methylene Chloride	10.8		ug/L	10.00	ND	108	70-130	3	30	
Naphthalene	9.71		ug/L	10.00	ND	97	70-130	0.6	30	
n-Butylbenzene	10.3		ug/L	10.00	ND	103	70-130	5	30	
n-Propylbenzene	9.80		ug/L	10.00	ND	98	70-130	4	30	
sec-Butylbenzene	10.6		ug/L	10.00	0.210	104	70-130	3	30	
Styrene	9.91		ug/L	10.00	ND	99	70-130	0.1	30	
tert-Butylbenzene	9.92		ug/L	10.00	ND	99	70-130	2	30	
Tertiary-amyl methyl ether	9.71		ug/L	10.00	ND	97	70-130	2	30	
Tetrachloroethene	14.8		ug/L	10.00	4.97	98	70-130	0.5	30	
Tetrahydrofuran	9.95		ug/L	10.00	ND	100	70-130	9	30	
Toluene	10.4		ug/L	10.00	ND	104	70-130	3	30	
trans-1,2-Dichloroethene	10.7		ug/L	10.00	0.0900	106	70-130	3	30	
trans-1,3-Dichloropropene	8.63		ug/L	10.00	ND	86	70-130	2	30	
Trichloroethene	56.2		ug/L	10.00	51.1	51	70-130	8	30	M-
Trichlorofluoromethane	14.7		ug/L	10.00	7.50	72	70-130	6	30	
Vinyl Acetate	8.81		ug/L	10.00	ND	88	70-130	2	30	
Vinyl Chloride	11.0		ug/L	10.00	ND	110	70-130	3	30	
Xylene O	9.99		ug/L	10.00	ND	100	70-130	1	30	
Xylene P,M	20.2		ug/L	20.00	ND	101	70-130	0.1	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0242*		mg/L	*0.02500*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0237*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0234*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: Toluene-d8	*0.0240*		mg/L	*0.02500*		*96*	*70-130*			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

Notes and Definitions

U	Analyte included in the analysis, but not detected
M-	Matrix Spike recovery is below lower control limit (M-).
J	Reported between MDL and MRL; Estimated value.
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
B+	Blank Spike recovery is above upper control limit (B+).
ND	Analyte NOT DETECTED above the detection limit (LOD for DoD Reports)
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
LOD	Limit of Detection
[CALC]	Calculated Analyte

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0911321

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: A-179
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine Potable and Non Potable Water: RI002
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited)Potable and Non PotableWater, Solid and Hazardous Waste: 242405
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture Soil Permit: S-54210

Maryland Potable Water: 301
http://www.mde.state.md.us/assets/document/WSP_labs-2009apr20.pdf

South Carolina Volatile Organic Compounds in Potable Water: 78003

CHEMISTRY

A2LA Accredited: Testing Cert # 2864.01
Lead in Paint, Phthalates, Lead in Children's Metals Products (Including Jewelry)
http://www.A2LA.org/dirsearchnew/newsearch.cfm

CPSC ID# 1141
Lead Paint, Lead in Children's Metals Jewelry
http://www.cpsc.gov/cgi-bin/labapplist.aspx

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: Client

ESS Project ID: 09110321
Date Project Due: 12/7/09
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **0.8**		16. Are ESS labels on correct containers?	Yes | No
Iced With: **Icepacks**		17. Were samples received intact?	Yes | No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL
2	Yes	40 ml - VOA	3	HCL
3	Yes	40 ml - VOA	3	HCL
4	Yes	40 ml - VOA	3	HCL
5	Yes	40 ml - VOA	9	HCL
6	Yes	40 ml - VOA	3	HCL
7	Yes	40 ml - VOA	3	HCL
8	Yes	40 ml - VOA	3	HCL
9	Yes	40 ml - VOA	3	HCL
10	Yes	40 ml - VOA	3	HCL
11	Yes	40 ml - VOA	3	HCL
12	Yes	40 ml - VOA	2	HCL

Completed By: _____ Date/Time: 11/30/09
Reviewed By: _____ Date/Time: 12/3/09

09110321-7
Preservative: HCL
0100000000345100

09110321-7
Preservative: HCL
0100000000345102

09110321-8
Preservative: HCL
0100000000345104

09110321-7
Preservative: HCL
0100000000345101

09110321-8
Preservative: HCL
0100000000345103

09110321-8
Preservative: HCL
0100000000345105

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: ✓ Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RI GW-A
ESS LAB PROJECT ID: 091321
Electronic Deliverable: ✓ Yes ___ No
Format: Excel ✓ Access ___ PDF ___ Other EDD

Co. Name	Project #	Project Name (20 Char. or less)
MACTEC Engineering & Consulting	3650050041	Textron - Gorham

Contact Person	Address
Dave Heislein (PM)	107 Audubon Rd Bld 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeislein@macteclcom

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis
01	11/30/09	09:55		X	GW	GWMW235S	2	3	✓	X
02	11/30/09	10:05				GWMW235D	2	3	✓	Y
03	11/30/09	11:20				GWMW236D	2	3	✓	X
04	11/30/09	11:35				GWMW236S	2	3	✓	X
05	11/30/09	12:45				GWMW237S	2	3	✓	X
06	11/30/09	12:45				GWMW237S DUP	2	3	✓	X
~~07~~ 05	11/30/09	12:45				GWMW237SMS	2	3	✓	X
~~08~~ 06	11/30/09	12:45				GWMW237SMSD	2	3	✓	Y
~~09~~ 07	11/30/09	12:55				GWMW237D	2	3	✓	X
10	11/30/09	15:05		✓	✓	GWMW234S	2	3	✓	✓

Circle and/or Write Required Analysis: 524.2 / 624 / (8260) VOA; VPH w/targets / 8015 GRO / 8021 MTBE/BTEX; 8015 DRO / 8100 TPH; EPH 4 Diesel / EPH w/PAHs / EPH w/o PAHs; 608 PCB / 608 Pesticides / 8082 PCB / 8081 Pesticides; PAH 8270 / 625 / 8270 SVOA; PP13 TAL23 / RCRA8 / RCRA5; NBC7 / TCLP-RCRA8; MCP-METALS (13) w/Hg / MCP-METALS (13)

Container Type: P-Poly G-Glass S-Sterile V-VOA
Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No
Seals Intact ___ Yes ___ No NA: ___
Cooler Temp: 0.8
Internal Use Only [ ] Pickup [ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggione / Phil Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/30/09 1630		11/30/09 1630				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RIGWA

ESS LAB PROJECT ID: 091132l

Electronic Deliverable: ✓ Yes ___ No
Format: Excel ✓ Access ___ PDF ___ Other EDD

Co. Name	Project #	Project Name (20 Char. or less)
MACTEC Engineering + Consulting	365003.0041	Textron - Gorham

Contact Person	Address
Dave Heisler (PM)	107 Audubon Rd. Bldg 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeisler@mactec.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis: 524.2 / 624 / (8260) / 8021 MTBE/BTEX	VPH w/targets / 8015 GRO	8015 DRO / 8100 TPH	EPH 4 Diesel / EPH w/PAHs / EPH w/o PAHs	608 PCB / 608 Pesticides / 8082 PCB / 8081 Pesticides	PAH 8270 / 625 / 8270 SVOA	PP13 TAL23 / RCRA8 / RCRA5	NBC7 / TCLP-RCRA8	MCP-METALS (13) w/Hg / MCP-METALS (13)					
11	11/30/09	15:40		X	GW	GWMW 234I	2	3	V	X													
12	11/30/09	16:00		X	GW	Trip blank	2	2	V	X													

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No
Seals Intact ___ Yes ___ No NA: ___
Cooler Temp: 0.8

Internal Use Only
[ ] Pickup
[ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore / PM / ~~Muller~~ Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11.30.09 1630	[signature]	11/30/09 1630				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

VOA
Data Package

VOA
Sample Data

ESS Laboratory

SDG: 0911321

CLASS: MSVOA

METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: ESS Laboratory

SDG: 0911321

Client: MACTEC Engineering & Consulting, Inc.

Project: Textron Gorham

Client Sample Id:	Lab Sample Id:
GWMW235S	0911321-01
GWMW235D	0911321-02
GWMW236D	0911321-03
GWMW236S	0911321-04
GWMW236S	0911321-04RE1
GWMW237S	0911321-05
GWMW237S Dup	0911321-06
GWMW237D	0911321-09
GWMW237D	0911321-09RE1
GWMW234S	0911321-10
GWMW234S	0911321-10RE1
GWMW234I	0911321-11
Trip Blank	0911321-12

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____ Name: _____

Date: _____ Title: _____

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 0911321

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	0.0002	0.0010	mg/L
1,1,1-Trichloroethane	0.0002	0.0010	mg/L
1,1,2,2-Tetrachloroethane	0.0001	0.0005	mg/L
1,1,2-Trichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethene	0.0003	0.0010	mg/L
1,1-Dichloropropene	0.0002	0.0020	mg/L
1,2,3-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,3-Trichloropropane	0.0003	0.0010	mg/L
1,2,4-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,4-Trimethylbenzene	0.0001	0.0010	mg/L
1,2-Dibromo-3-Chloropropane	0.0010	0.0050	mg/L
1,2-Dibromoethane	0.0002	0.0010	mg/L
1,2-Dichlorobenzene	0.0001	0.0010	mg/L
1,2-Dichloroethane	0.0002	0.0010	mg/L
1,2-Dichloropropane	0.0002	0.0010	mg/L
1,3,5-Trimethylbenzene	0.0001	0.0010	mg/L
1,3-Dichlorobenzene	0.0002	0.0010	mg/L
1,3-Dichloropropane	0.0001	0.0010	mg/L
1,4-Dichlorobenzene	0.0001	0.0010	mg/L
1,4-Dioxane - Screen	0.190	0.500	mg/L
1-Chlorohexane	0.0004	0.0010	mg/L
2,2-Dichloropropane	0.0003	0.0010	mg/L
2-Butanone	0.0058	0.0250	mg/L
2-Chlorotoluene	0.0001	0.0010	mg/L
2-Hexanone	0.0015	0.0100	mg/L
4-Chlorotoluene	0.0001	0.0010	mg/L
4-Isopropyltoluene	0.0001	0.0010	mg/L
4-Methyl-2-Pentanone	0.0016	0.0250	mg/L
Acetone	0.0050	0.0250	mg/L
Benzene	0.0001	0.0010	mg/L
Bromobenzene	0.0002	0.0020	mg/L
Bromochloromethane	0.0003	0.0010	mg/L
Bromodichloromethane	0.0001	0.0006	mg/L
Bromoform	0.0002	0.0010	mg/L
Bromomethane	0.0004	0.0020	mg/L
Carbon Disulfide	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 0911321

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Carbon Tetrachloride	0.0001	0.0010	mg/L
Chlorobenzene	0.0001	0.0010	mg/L
Chloroethane	0.0004	0.0020	mg/L
Chloroform	0.0001	0.0010	mg/L
Chloromethane	0.0002	0.0020	mg/L
cis-1,2-Dichloroethene	0.0002	0.0010	mg/L
cis-1,3-Dichloropropene	0.0002	0.0004	mg/L
Dibromochloromethane	0.0002	0.0010	mg/L
Dibromomethane	0.0003	0.0010	mg/L
Dichlorodifluoromethane	0.0003	0.0020	mg/L
Diethyl Ether	0.0003	0.0010	mg/L
Di-isopropyl ether	0.0002	0.0010	mg/L
Ethyl tertiary-butyl ether	0.0001	0.0010	mg/L
Ethylbenzene	0.0001	0.0010	mg/L
Hexachlorobutadiene	0.0002	0.0006	mg/L
Hexachloroethane	0.0002	0.0010	mg/L
Isopropylbenzene	0.0001	0.0010	mg/L
Methyl tert-Butyl Ether	0.0003	0.0010	mg/L
Methylene Chloride	0.0002	0.0040	mg/L
Naphthalene	0.0002	0.0010	mg/L
n-Butylbenzene	0.0001	0.0010	mg/L
n-Propylbenzene	0.0002	0.0010	mg/L
sec-Butylbenzene	0.0001	0.0010	mg/L
Styrene	0.0001	0.0010	mg/L
tert-Butylbenzene	0.0001	0.0010	mg/L
Tertiary-amyl methyl ether	0.0002	0.0010	mg/L
Tetrachloroethene	0.0002	0.0010	mg/L
Tetrahydrofuran	0.0016	0.0050	mg/L
Toluene	0.0001	0.0010	mg/L
trans-1,2-Dichloroethene	0.0003	0.0010	mg/L
trans-1,3-Dichloropropene	0.0002	0.0004	mg/L
	0.0002	0.0005	mg/L
Trichloroethene	0.0002	0.0010	mg/L
Trichlorofluoromethane	0.0004	0.0010	mg/L
Vinyl Acetate	0.0005	0.0050	mg/L
Vinyl Chloride	0.0002	0.0010	mg/L
Xylene O	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 0911321

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Xylene P,M	0.0002	0.0020	mg/L

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW235S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-01	File ID:	M337485.D
Sampled:	11/30/09 09:55	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 12:38
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0011	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW235S

Laboratory: ESS Laboratory | SDG: 0911321

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 0911321-01 | File ID: M337485.D

Sampled: 11/30/09 09:55 | Prepared: 12/03/09 08:00 | Analyzed: 12/03/09 12:38

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90309 | Sequence: BSL0027 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0332	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0069	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0003	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0672	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0021	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0232	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0233	93	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0240	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW235S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-01	File ID:	M337485.D
Sampled:	11/30/09 09:55	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 12:38
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2949949	11.95	2976106	11.95	
Chlorobenzene-d5	1998335	17.24	2056242	17.24	
1,4-Dichlorobenzene-D4	732034	21.6	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW235D

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-02	File ID:	M337486.D
Sampled:	11/30/09 10:05	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 13:10
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW235D

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-02	File ID:	M337486.D
Sampled:	11/30/09 10:05	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 13:10
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence: BSL0027		Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0119	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0057	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0195	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0009	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0236	94	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0226	90	70 - 130	
Toluene-d8	0.02500	0.0240	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW235D

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-02	File ID:	M337486.D
Sampled:	11/30/09 10:05	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 13:10
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2924261	11.96	2976106	11.95	
Chlorobenzene-d5	2025801	17.24	2056242	17.24	
1,4-Dichlorobenzene-D4	730722	21.6	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236D

Laboratory: ESS Laboratory | SDG: 0911321

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 0911321-03 | File ID: M337487.D

Sampled: 11/30/09 11:20 | Prepared: 12/03/09 08:00 | Analyzed: 12/03/09 13:42

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90309 | Sequence: BSL0027 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0009	J
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0005	J
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0004	J
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236D

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-03	File ID:	M337487.D
Sampled:	11/30/09 11:20	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 13:42
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence: BSL0027		Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0709	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0518	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0034	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0233	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0228	91	70 - 130	
Toluene-d8	0.02500	0.0239	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236D

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-03	File ID:	M337487.D
Sampled:	11/30/09 11:20	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 13:42
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2843987	11.95	2976106	11.95	
Chlorobenzene-d5	1974021	17.24	2056242	17.24	
1,4-Dichlorobenzene-D4	726264	21.6	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-04	File ID:	M337488.D
Sampled:	11/30/09 11:35	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 14:14
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0026	
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0059	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0017	
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0006	J
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0007	J
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-04	File ID:	M337488.D
Sampled:	11/30/09 11:35	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 14:14
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0886	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0153	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0007	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	20	1.07	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0017	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0233	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0236	94	70 - 130	
Dibromofluoromethane	0.02500	0.0223	89	70 - 130	
Toluene-d8	0.02500	0.0241	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236S

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-04	File ID:	M337488.D
Sampled:	11/30/09 11:35	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 14:14
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2994243	11.95	2976106	11.95	
Chlorobenzene-d5	2013580	17.24	2056242	17.24	
1,4-Dichlorobenzene-D4	750889	21.6	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-04RE1	File ID:	M337508.D
Sampled:	11/30/09 11:35	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 12:27
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	20	0.0200	UD
71-55-6	1,1,1-Trichloroethane	20	0.0200	UD
79-34-5	1,1,2,2-Tetrachloroethane	20	0.0100	UD
79-00-5	1,1,2-Trichloroethane	20	0.0200	UD
75-34-3	1,1-Dichloroethane	20	0.0200	UD
75-35-4	1,1-Dichloroethene	20	0.0200	UD
563-58-6	1,1-Dichloropropene	20	0.0400	UD
87-61-6	1,2,3-Trichlorobenzene	20	0.0200	UD
96-18-4	1,2,3-Trichloropropane	20	0.0200	UD
120-82-1	1,2,4-Trichlorobenzene	20	0.0200	UD
95-63-6	1,2,4-Trimethylbenzene	20	0.0200	UD
96-12-8	1,2-Dibromo-3-Chloropropane	20	0.100	UD
106-93-4	1,2-Dibromoethane	20	0.0200	UD
95-50-1	1,2-Dichlorobenzene	20	0.0200	UD
107-06-2	1,2-Dichloroethane	20	0.0200	UD
78-87-5	1,2-Dichloropropane	20	0.0200	UD
108-67-8	1,3,5-Trimethylbenzene	20	0.0200	UD
541-73-1	1,3-Dichlorobenzene	20	0.0200	UD
142-28-9	1,3-Dichloropropane	20	0.0200	UD
106-46-7	1,4-Dichlorobenzene	20	0.0200	UD
123-91-1	1,4-Dioxane - Screen	20	10.0	UD
544-10-5	1-Chlorohexane	20	0.0200	UD
594-20-7	2,2-Dichloropropane	20	0.0200	UD
78-93-3	2-Butanone	20	0.500	UD
95-49-8	2-Chlorotoluene	20	0.0200	UD
591-78-6	2-Hexanone	20	0.200	UD
106-43-4	4-Chlorotoluene	20	0.0200	UD
99-87-6	4-Isopropyltoluene	20	0.0200	UD
108-10-1	4-Methyl-2-Pentanone	20	0.500	UD
67-64-1	Acetone	20	0.500	UD
71-43-2	Benzene	20	0.0200	UD
108-86-1	Bromobenzene	20	0.0400	UD
74-97-5	Bromochloromethane	20	0.0200	UD
75-27-4	Bromodichloromethane	20	0.0120	UD
75-25-2	Bromoform	20	0.0200	UD
74-83-9	Bromomethane	20	0.0400	UD
75-15-0	Carbon Disulfide	20	0.0200	UD
56-23-5	Carbon Tetrachloride	20	0.0200	UD
108-90-7	Chlorobenzene	20	0.0200	UD
75-00-3	Chloroethane	20	0.0400	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-04RE1	File ID:	M337508.D
Sampled:	11/30/09 11:35	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 12:27
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	20	0.0200	UD
74-87-3	Chloromethane	20	0.0400	UD
156-59-2	cis-1,2-Dichloroethene	20	0.0866	D
10061-01-5	cis-1,3-Dichloropropene	20	0.0080	UD
124-48-1	Dibromochloromethane	20	0.0200	UD
74-95-3	Dibromomethane	20	0.0200	UD
75-71-8	Dichlorodifluoromethane	20	0.0400	UD
60-29-7	Diethyl Ether	20	0.0200	UD
108-20-3	Di-isopropyl ether	20	0.0200	UD
637-92-3	Ethyl tertiary-butyl ether	20	0.0200	UD
100-41-4	Ethylbenzene	20	0.0200	UD
87-68-3	Hexachlorobutadiene	20	0.0120	UD
67-72-1	Hexachloroethane	20	0.0200	UD
98-82-8	Isopropylbenzene	20	0.0200	UD
1634-04-4	Methyl tert-Butyl Ether	20	0.0200	UD
75-09-2	Methylene Chloride	20	0.0800	UD
91-20-3	Naphthalene	20	0.0200	UD
104-51-8	n-Butylbenzene	20	0.0200	UD
103-65-1	n-Propylbenzene	20	0.0200	UD
135-98-8	sec-Butylbenzene	20	0.0200	UD
100-42-5	Styrene	20	0.0200	UD
98-06-6	tert-Butylbenzene	20	0.0200	UD
994-05-8	Tertiary-amyl methyl ether	20	0.0200	UD
127-18-4	Tetrachloroethene	20	0.0144	JD
109-99-9	Tetrahydrofuran	20	0.100	UD
108-88-3	Toluene	20	0.0200	UD
156-60-5	trans-1,2-Dichloroethene	20	0.0200	UD
10061-02-6	trans-1,3-Dichloropropene	20	0.0080	UD
79-01-6	Trichloroethene	20	1.07	D
75-69-4	Trichlorofluoromethane	20	0.0200	UD
108-05-4	Vinyl Acetate	20	0.100	UD
75-01-4	Vinyl Chloride	20	0.0200	UD
95-47-6	Xylene O	20	0.0200	UD
179601-23-1	Xylene P,M	20	0.0400	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0237	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0226	90	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0239	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW236S

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-04RE1	File ID:	M337508.D
Sampled:	11/30/09 11:35	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 12:27
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2818247	11.91	3078478	11.9	
Chlorobenzene-d5	1978232	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	689981	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-05	File ID:	M337489.D
Sampled:	11/30/09 12:45	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 14:46
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
				Instrument:	VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0002	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0002	J
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-05	File ID:	M337489.D
Sampled:	11/30/09 12:45	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 14:46
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0012	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0002	J
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0050	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0511	
75-69-4	Trichlorofluoromethane	1	0.0075	
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0240	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0237	95	70 - 130	
Dibromofluoromethane	0.02500	0.0226	90	70 - 130	
Toluene-d8	0.02500	0.0236	94	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237S

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-05	File ID:	M337489.D
Sampled:	11/30/09 12:45	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 14:46
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2865684	11.95	2976106	11.95	
Chlorobenzene-d5	2039812	17.24	2056242	17.24	
1,4-Dichlorobenzene-D4	762457	21.58	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237S Dup

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-06	File ID:	M337490.D
Sampled:	11/30/09 12:45	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 15:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237S Dup

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-06	File ID:	M337490.D
Sampled:	11/30/09 12:45	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 15:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0012	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0002	J
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0049	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0499	
75-69-4	Trichlorofluoromethane	1	0.0063	
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0238	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0234	94	70 - 130	
Dibromofluoromethane	0.02500	0.0224	89	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237S Dup

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-06	File ID:	M337490.D
Sampled:	11/30/09 12:45	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 15:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2940732	11.94	2976106	11.95	
Chlorobenzene-d5	2061737	17.24	2056242	17.24	
1,4-Dichlorobenzene-D4	768796	21.58	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237D

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-09	File ID:	M337491.D
Sampled:	11/30/09 12:55	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 15:50
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0018	
75-34-3	1,1-Dichloroethane	1	0.0003	J
75-35-4	1,1-Dichloroethene	1	0.0033	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0015	
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237D

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-09	File ID:	M337491.D
Sampled:	11/30/09 12:55	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 15:50
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0710	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0367	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0027	
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	10	0.617	D
75-69-4	Trichlorofluoromethane	1	0.0016	
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0015	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0232	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0236	94	70 - 130	
Dibromofluoromethane	0.02500	0.0223	89	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237D

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-09	File ID:	M337491.D
Sampled:	11/30/09 12:55	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 15:50
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3014001	11.94	2976106	11.95	
Chlorobenzene-d5	2065102	17.23	2056242	17.24	
1,4-Dichlorobenzene-D4	755722	21.59	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237D

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-09RE1	File ID:	M337507.D
Sampled:	11/30/09 12:55	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 11:55
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	UD
71-55-6	1,1,1-Trichloroethane	10	0.0100	UD
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	UD
79-00-5	1,1,2-Trichloroethane	10	0.0100	UD
75-34-3	1,1-Dichloroethane	10	0.0100	UD
75-35-4	1,1-Dichloroethene	10	0.0042	JD
563-58-6	1,1-Dichloropropene	10	0.0200	UD
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	UD
96-18-4	1,2,3-Trichloropropane	10	0.0100	UD
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	UD
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	UD
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	UD
106-93-4	1,2-Dibromoethane	10	0.0100	UD
95-50-1	1,2-Dichlorobenzene	10	0.0100	UD
107-06-2	1,2-Dichloroethane	10	0.0100	UD
78-87-5	1,2-Dichloropropane	10	0.0100	UD
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	UD
541-73-1	1,3-Dichlorobenzene	10	0.0100	UD
142-28-9	1,3-Dichloropropane	10	0.0100	UD
106-46-7	1,4-Dichlorobenzene	10	0.0100	UD
123-91-1	1,4-Dioxane - Screen	10	5.00	UD
544-10-5	1-Chlorohexane	10	0.0100	UD
594-20-7	2,2-Dichloropropane	10	0.0100	UD
78-93-3	2-Butanone	10	0.250	UD
95-49-8	2-Chlorotoluene	10	0.0100	UD
591-78-6	2-Hexanone	10	0.100	UD
106-43-4	4-Chlorotoluene	10	0.0100	UD
99-87-6	4-Isopropyltoluene	10	0.0100	UD
108-10-1	4-Methyl-2-Pentanone	10	0.250	UD
67-64-1	Acetone	10	0.250	UD
71-43-2	Benzene	10	0.0100	UD
108-86-1	Bromobenzene	10	0.0200	UD
74-97-5	Bromochloromethane	10	0.0100	UD
75-27-4	Bromodichloromethane	10	0.0060	UD
75-25-2	Bromoform	10	0.0100	UD
74-83-9	Bromomethane	10	0.0200	UD
75-15-0	Carbon Disulfide	10	0.0100	UD
56-23-5	Carbon Tetrachloride	10	0.0100	UD
108-90-7	Chlorobenzene	10	0.0100	UD
75-00-3	Chloroethane	10	0.0200	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237D

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-09RE1	File ID:	M337507.D
Sampled:	11/30/09 12:55	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 11:55
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0100	UD
74-87-3	Chloromethane	10	0.0200	UD
156-59-2	cis-1,2-Dichloroethene	10	0.0734	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	UD
124-48-1	Dibromochloromethane	10	0.0100	UD
74-95-3	Dibromomethane	10	0.0100	UD
75-71-8	Dichlorodifluoromethane	10	0.0200	UD
60-29-7	Diethyl Ether	10	0.0100	UD
108-20-3	Di-isopropyl ether	10	0.0100	UD
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	UD
100-41-4	Ethylbenzene	10	0.0100	UD
87-68-3	Hexachlorobutadiene	10	0.0060	UD
67-72-1	Hexachloroethane	10	0.0100	UD
98-82-8	Isopropylbenzene	10	0.0100	UD
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	UD
75-09-2	Methylene Chloride	10	0.0400	UD
91-20-3	Naphthalene	10	0.0100	UD
104-51-8	n-Butylbenzene	10	0.0100	UD
103-65-1	n-Propylbenzene	10	0.0100	UD
135-98-8	sec-Butylbenzene	10	0.0100	UD
100-42-5	Styrene	10	0.0100	UD
98-06-6	tert-Butylbenzene	10	0.0100	UD
994-05-8	Tertiary-amyl methyl ether	10	0.0100	UD
127-18-4	Tetrachloroethene	10	0.0379	D
109-99-9	Tetrahydrofuran	10	0.0500	UD
108-88-3	Toluene	10	0.0100	UD
156-60-5	trans-1,2-Dichloroethene	10	0.0100	UD
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	UD
79-01-6	Trichloroethene	10	0.617	D
75-69-4	Trichlorofluoromethane	10	0.0100	UD
108-05-4	Vinyl Acetate	10	0.0500	UD
75-01-4	Vinyl Chloride	10	0.0024	JD
95-47-6	Xylene O	10	0.0100	UD
179601-23-1	Xylene P,M	10	0.0200	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0232	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0233	93	70 - 130	
Dibromofluoromethane	0.02500	0.0223	89	70 - 130	
Toluene-d8	0.02500	0.0240	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW237D

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-09RE1	File ID:	M337507.D
Sampled:	11/30/09 12:55	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 11:55
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2900219	11.9	3078478	11.9	
Chlorobenzene-d5	2027318	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	738585	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-10	File ID:	M337492.D
Sampled:	11/30/09 15:05	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 16:22
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	20	1.06	D
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	20	0.166	D
75-35-4	1,1-Dichloroethene	1	0.0371	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0001	J
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0031	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-10	File ID:	M337492.D
Sampled:	11/30/09 15:05	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 16:22
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0002	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	20	0.100	D
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0026	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0004	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	20	0.489	D
75-69-4	Trichlorofluoromethane	1	0.0071	
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0005	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0242	97	70 - 130	
4-Bromofluorobenzene	0.02500	0.0234	94	70 - 130	
Dibromofluoromethane	0.02500	0.0229	92	70 - 130	
Toluene-d8	0.02500	0.0240	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234S

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-10	File ID:	M337492.D
Sampled:	11/30/09 15:05	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 16:22
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3001134	11.94	2976106	11.95	
Chlorobenzene-d5	2008500	17.23	2056242	17.24	
1,4-Dichlorobenzene-D4	746165	21.59	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-10RE1	File ID:	M337509.D
Sampled:	11/30/09 15:05	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 12:59
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	20	0.0200	UD
71-55-6	1,1,1-Trichloroethane	20	1.06	D
79-34-5	1,1,2,2-Tetrachloroethane	20	0.0100	UD
79-00-5	1,1,2-Trichloroethane	20	0.0200	UD
75-34-3	1,1-Dichloroethane	20	0.166	D
75-35-4	1,1-Dichloroethene	20	0.0372	D
563-58-6	1,1-Dichloropropene	20	0.0400	UD
87-61-6	1,2,3-Trichlorobenzene	20	0.0200	UD
96-18-4	1,2,3-Trichloropropane	20	0.0200	UD
120-82-1	1,2,4-Trichlorobenzene	20	0.0200	UD
95-63-6	1,2,4-Trimethylbenzene	20	0.0200	UD
96-12-8	1,2-Dibromo-3-Chloropropane	20	0.100	UD
106-93-4	1,2-Dibromoethane	20	0.0200	UD
95-50-1	1,2-Dichlorobenzene	20	0.0200	UD
107-06-2	1,2-Dichloroethane	20	0.0200	UD
78-87-5	1,2-Dichloropropane	20	0.0200	UD
108-67-8	1,3,5-Trimethylbenzene	20	0.0200	UD
541-73-1	1,3-Dichlorobenzene	20	0.0200	UD
142-28-9	1,3-Dichloropropane	20	0.0200	UD
106-46-7	1,4-Dichlorobenzene	20	0.0200	UD
123-91-1	1,4-Dioxane - Screen	20	10.0	UD
544-10-5	1-Chlorohexane	20	0.0200	UD
594-20-7	2,2-Dichloropropane	20	0.0200	UD
78-93-3	2-Butanone	20	0.500	UD
95-49-8	2-Chlorotoluene	20	0.0200	UD
591-78-6	2-Hexanone	20	0.200	UD
106-43-4	4-Chlorotoluene	20	0.0200	UD
99-87-6	4-Isopropyltoluene	20	0.0200	UD
108-10-1	4-Methyl-2-Pentanone	20	0.500	UD
67-64-1	Acetone	20	0.500	UD
71-43-2	Benzene	20	0.0200	UD
108-86-1	Bromobenzene	20	0.0400	UD
74-97-5	Bromochloromethane	20	0.0200	UD
75-27-4	Bromodichloromethane	20	0.0120	UD
75-25-2	Bromoform	20	0.0200	UD
74-83-9	Bromomethane	20	0.0400	UD
75-15-0	Carbon Disulfide	20	0.0200	UD
56-23-5	Carbon Tetrachloride	20	0.0200	UD
108-90-7	Chlorobenzene	20	0.0200	UD
75-00-3	Chloroethane	20	0.0400	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234S

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-10RE1	File ID:	M337509.D
Sampled:	11/30/09 15:05	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 12:59
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	20	0.0200	UD
74-87-3	Chloromethane	20	0.0400	UD
156-59-2	cis-1,2-Dichloroethene	20	0.100	D
10061-01-5	cis-1,3-Dichloropropene	20	0.0080	UD
124-48-1	Dibromochloromethane	20	0.0200	UD
74-95-3	Dibromomethane	20	0.0200	UD
75-71-8	Dichlorodifluoromethane	20	0.0400	UD
60-29-7	Diethyl Ether	20	0.0200	UD
108-20-3	Di-isopropyl ether	20	0.0200	UD
637-92-3	Ethyl tertiary-butyl ether	20	0.0200	UD
100-41-4	Ethylbenzene	20	0.0200	UD
87-68-3	Hexachlorobutadiene	20	0.0120	UD
67-72-1	Hexachloroethane	20	0.0200	UD
98-82-8	Isopropylbenzene	20	0.0200	UD
1634-04-4	Methyl tert-Butyl Ether	20	0.0200	UD
75-09-2	Methylene Chloride	20	0.0800	UD
91-20-3	Naphthalene	20	0.0200	UD
104-51-8	n-Butylbenzene	20	0.0200	UD
103-65-1	n-Propylbenzene	20	0.0200	UD
135-98-8	sec-Butylbenzene	20	0.0200	UD
100-42-5	Styrene	20	0.0200	UD
98-06-6	tert-Butylbenzene	20	0.0200	UD
994-05-8	Tertiary-amyl methyl ether	20	0.0200	UD
127-18-4	Tetrachloroethene	20	0.0200	UD
109-99-9	Tetrahydrofuran	20	0.100	UD
108-88-3	Toluene	20	0.0200	UD
156-60-5	trans-1,2-Dichloroethene	20	0.0200	UD
10061-02-6	trans-1,3-Dichloropropene	20	0.0080	UD
79-01-6	Trichloroethene	20	0.489	D
75-69-4	Trichlorofluoromethane	20	0.0200	UD
108-05-4	Vinyl Acetate	20	0.100	UD
75-01-4	Vinyl Chloride	20	0.0200	UD
95-47-6	Xylene O	20	0.0200	UD
179601-23-1	Xylene P,M	20	0.0400	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0240	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0226	91	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234S

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0911321-10RE1	File ID:	M337509.D
Sampled:	11/30/09 15:05	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 12:59
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2789524	11.91	3078478	11.9	
Chlorobenzene-d5	1937752	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	684158	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234I

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-11	File ID:	M337493.D
Sampled:	11/30/09 15:40	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 16:54
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0085	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	
75-34-3	1,1-Dichloroethane	1	0.0042	
75-35-4	1,1-Dichloroethene	1	0.0134	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234I

Laboratory: ESS Laboratory | SDG: 0911321

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 0911321-11 | File ID: M337493.D

Sampled: 11/30/09 15:40 | Prepared: 12/03/09 08:00 | Analyzed: 12/03/09 16:54

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90309 | Sequence: BSL0027 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0002	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0221	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0008	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0208	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0006	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0240	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0227	91	70 - 130	
Toluene-d8	0.02500	0.0240	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234I

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0911321-11	File ID:	M337493.D
Sampled:	11/30/09 15:40	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 16:54
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2937598	11.94	2976106	11.95	
Chlorobenzene-d5	2029275	17.23	2056242	17.24	
1,4-Dichlorobenzene-D4	746472	21.59	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

Trip Blank

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	0911321-12	File ID:	M337484.D
Sampled:	11/30/09 00:00	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 12:06
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

Trip Blank

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	0911321-12	File ID:	M337484.D
Sampled:	11/30/09 00:00	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 12:06
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0002	J
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0005	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0234	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0234	93	70 - 130	
Dibromofluoromethane	0.02500	0.0220	88	70 - 130	
Toluene-d8	0.02500	0.0236	94	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

Trip Blank

Laboratory:	ESS Laboratory		SDG:	0911321	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Aqueous	Laboratory ID:	0911321-12	File ID:	M337484.D
Sampled:	11/30/09 00:00	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 12:06
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

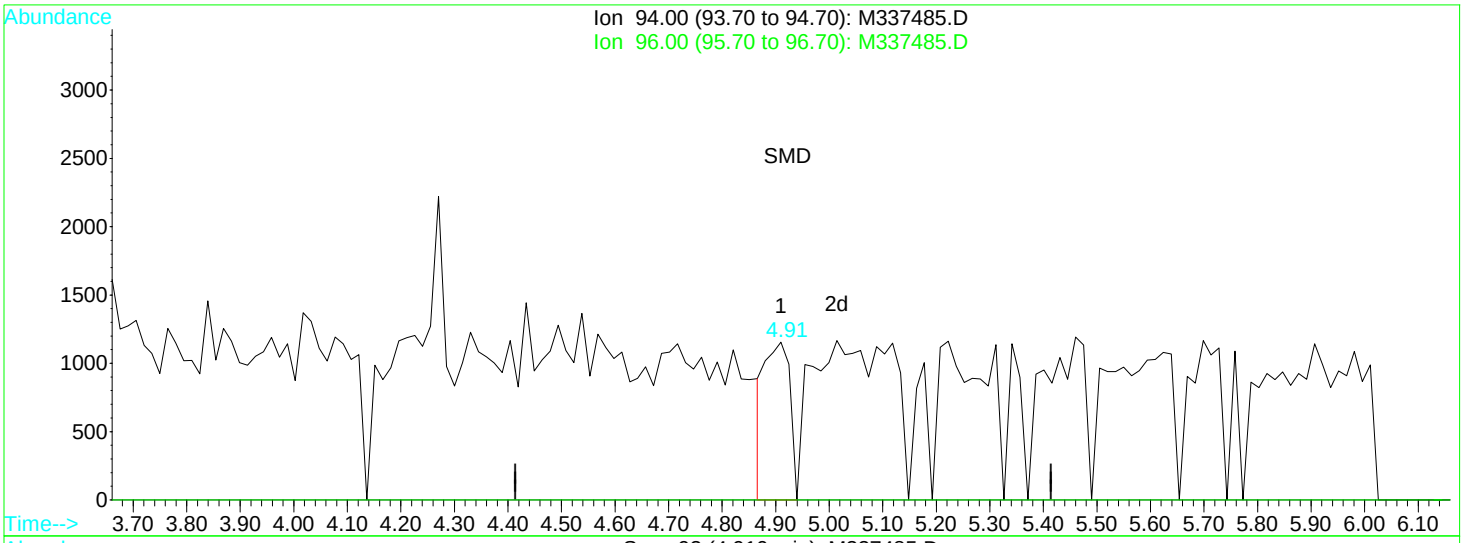
INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2867352	11.95	2976106	11.95	
Chlorobenzene-d5	2031475	17.24	2056242	17.24	
1,4-Dichlorobenzene-D4	738358	21.6	744664	21.59	

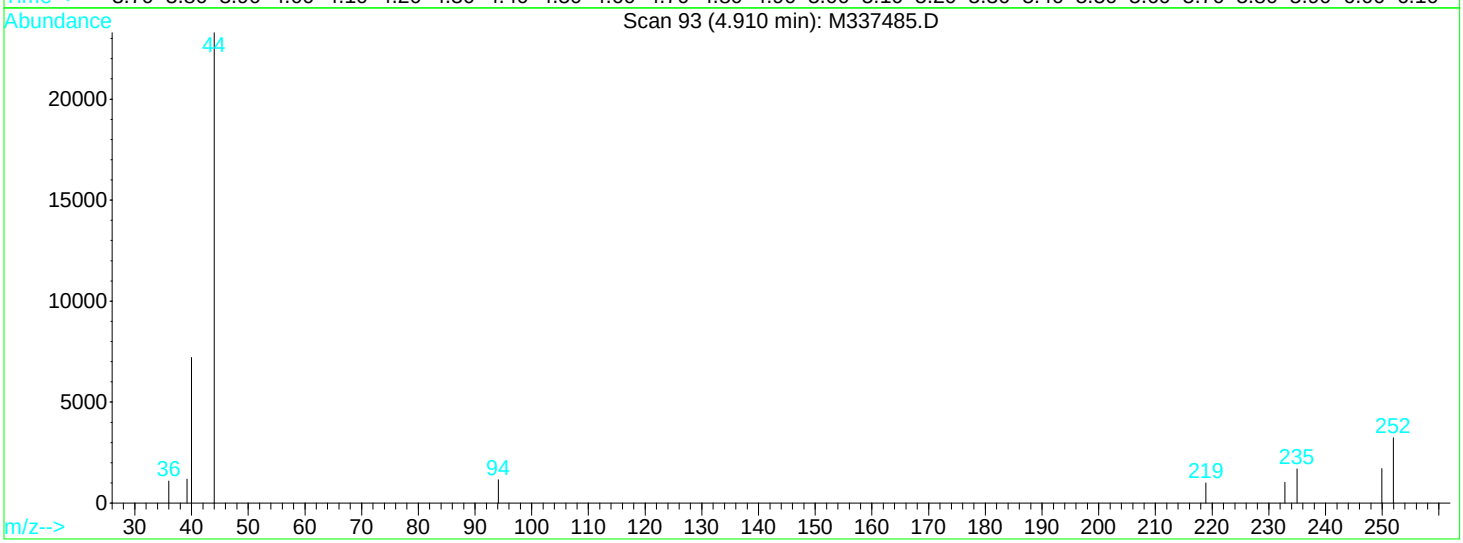
* Values outside of QC limits

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 13:07 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337485.D

(5) Bromomethane

4.91min 0.22ug/l

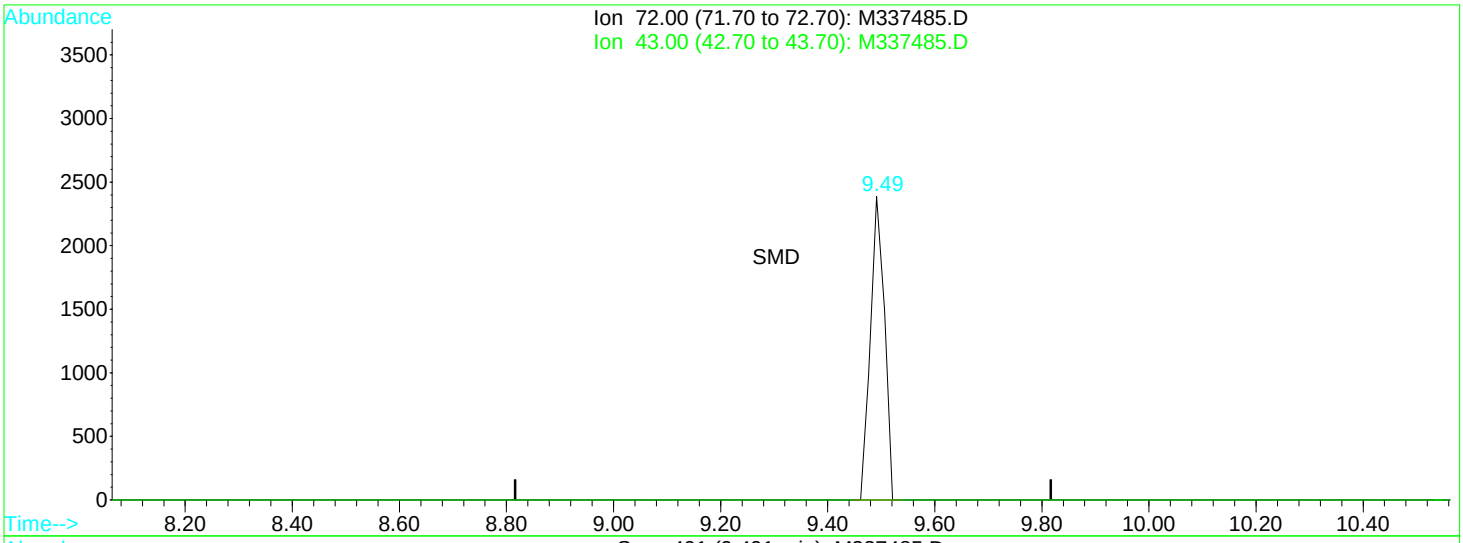
response 3791

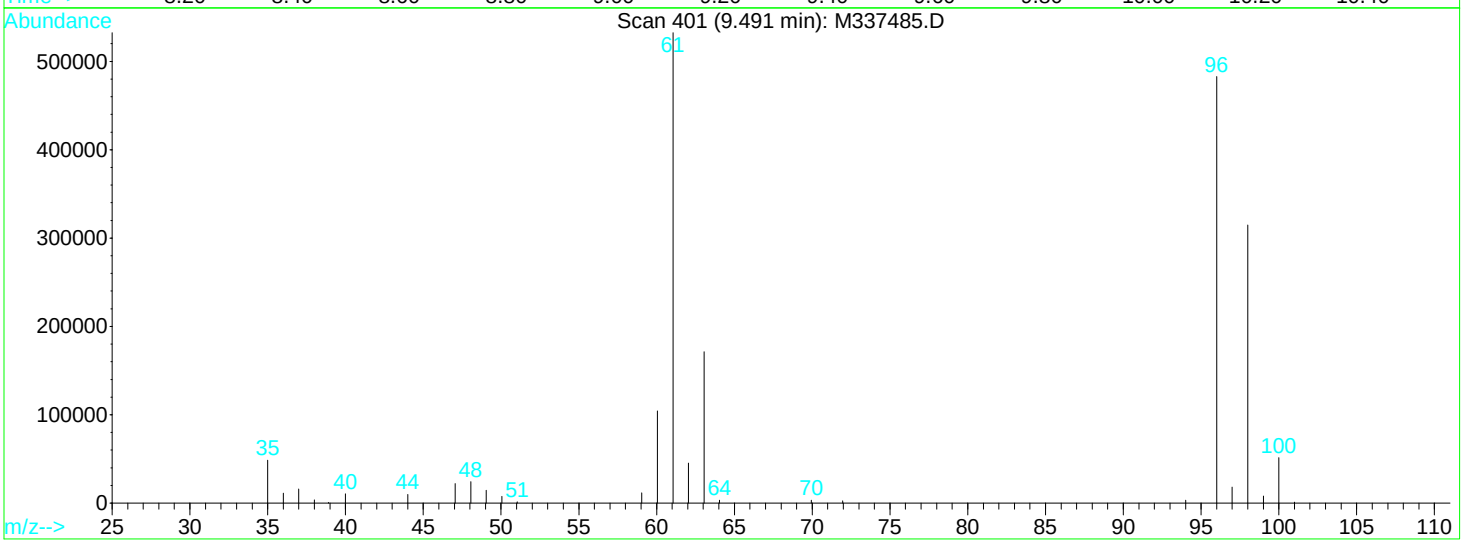
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337485.D

(24) 2-Butanone

9.49min 3.10ug/l

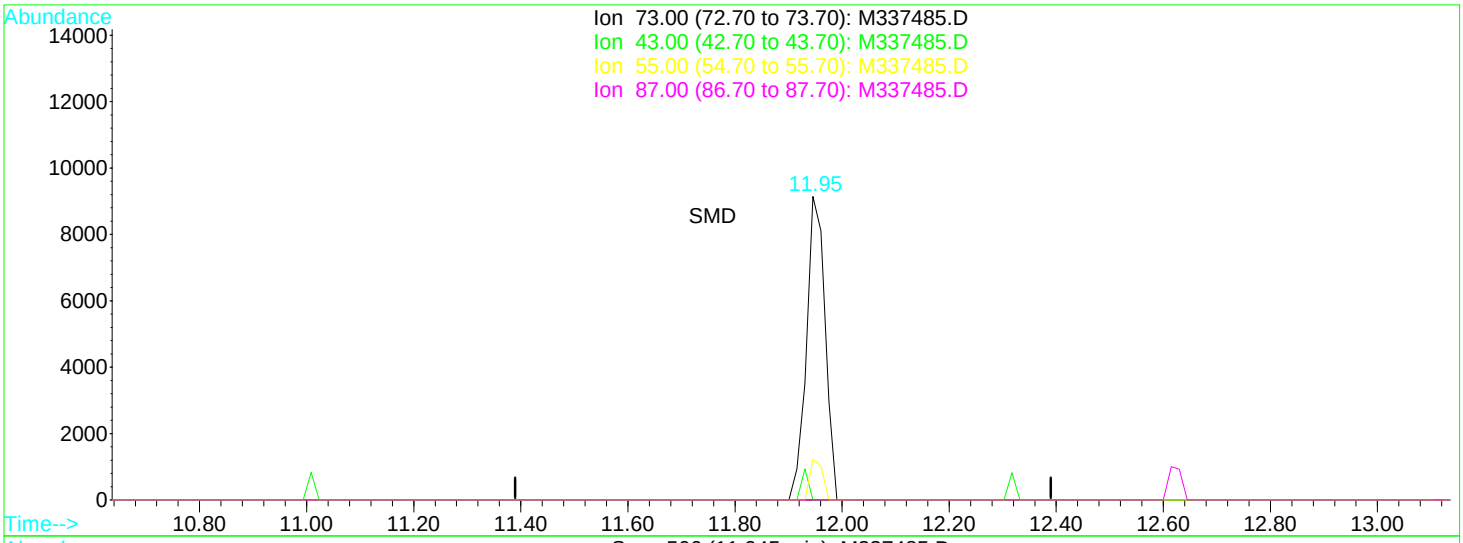
response 4337

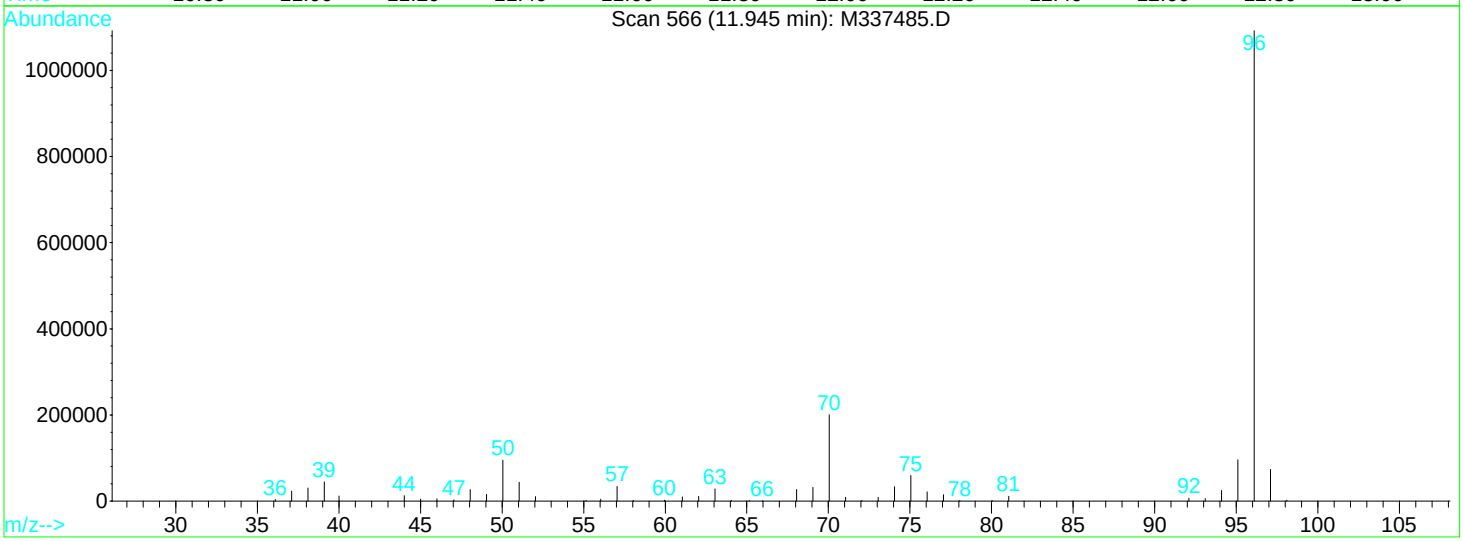
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337485.D

(43) Tertiary-amyl methyl ether

11.95min 0.48ug/l

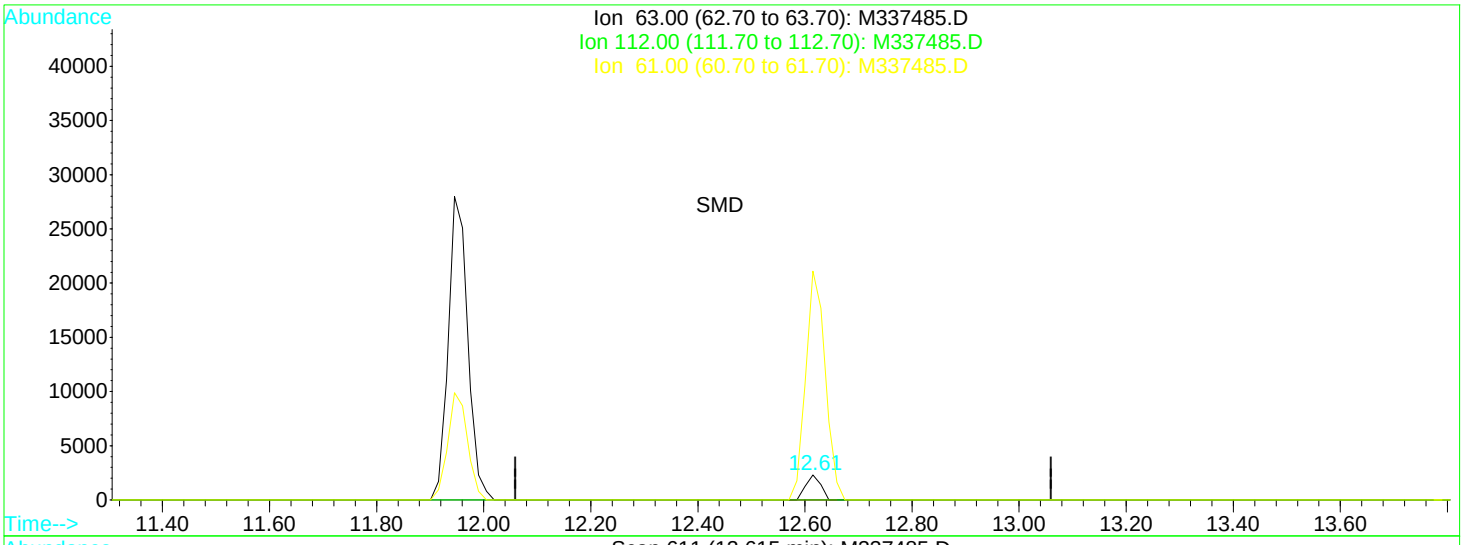
response 22010

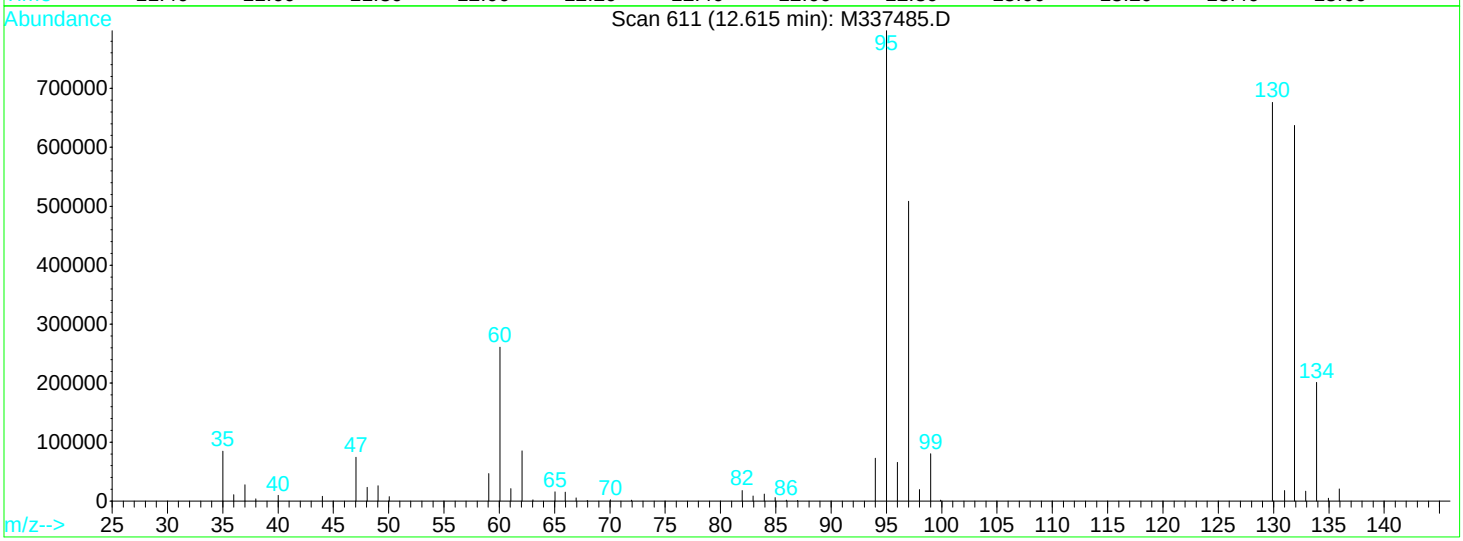
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	13.29
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337485.D

(45) 1,2-Dichloropropane

12.61min 0.16ug/l

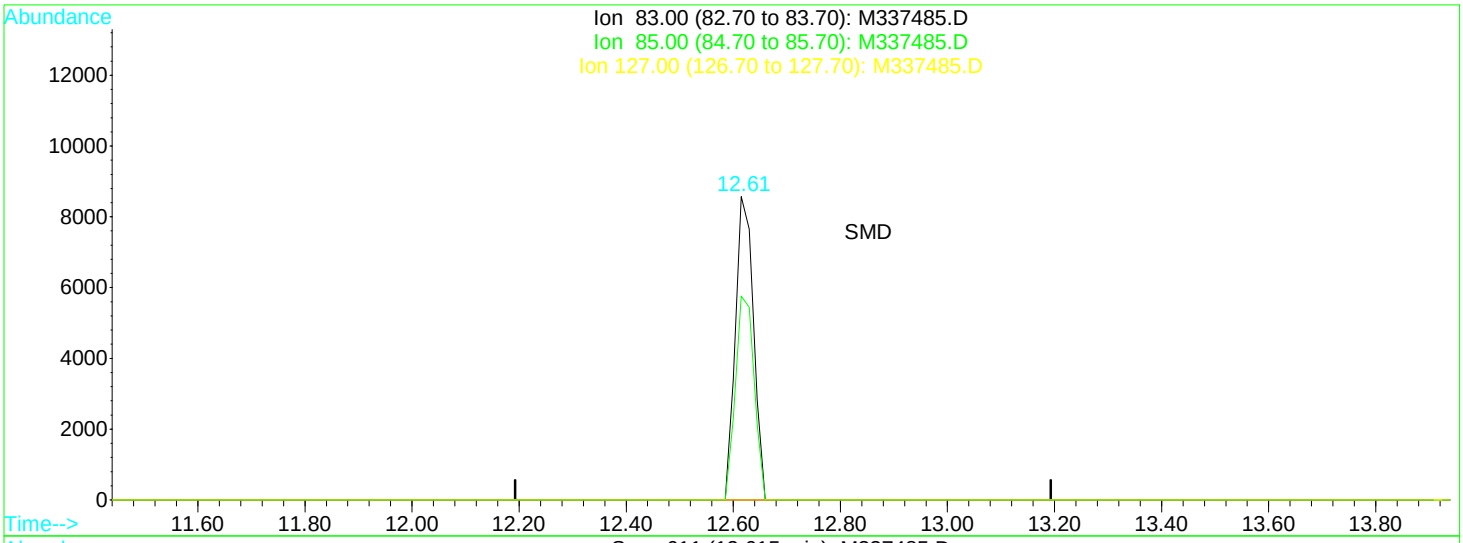
response 4431

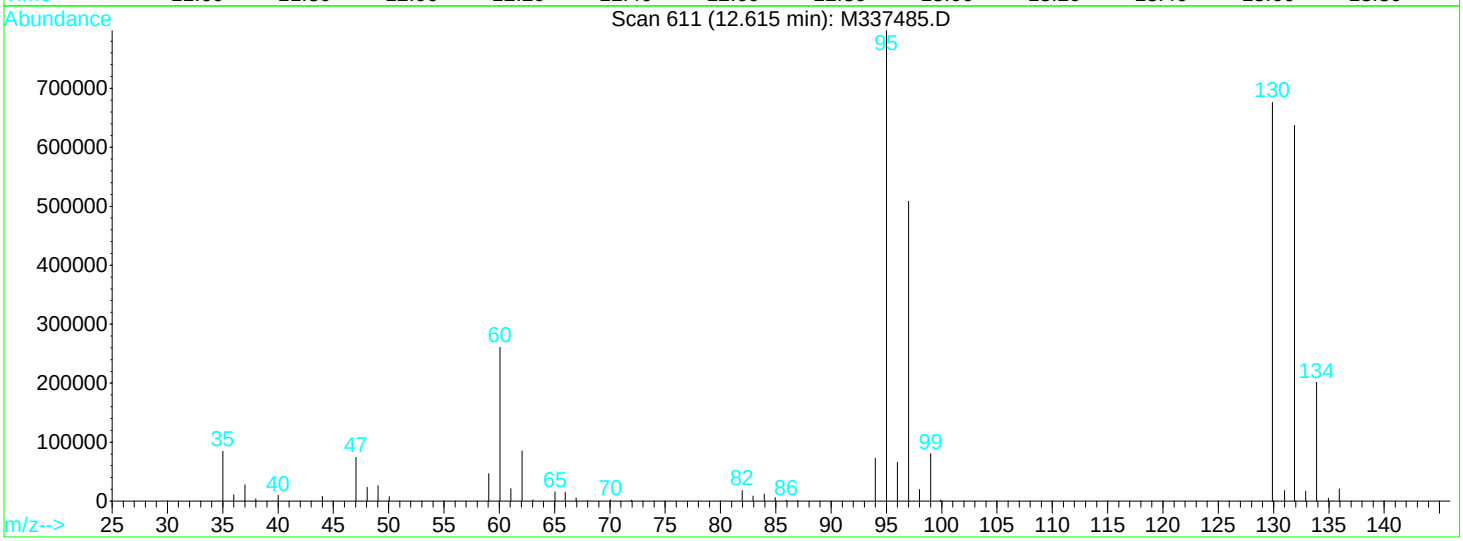
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	912.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337485.D

(48) Bromodichloromethane

12.61min 0.61ug/l

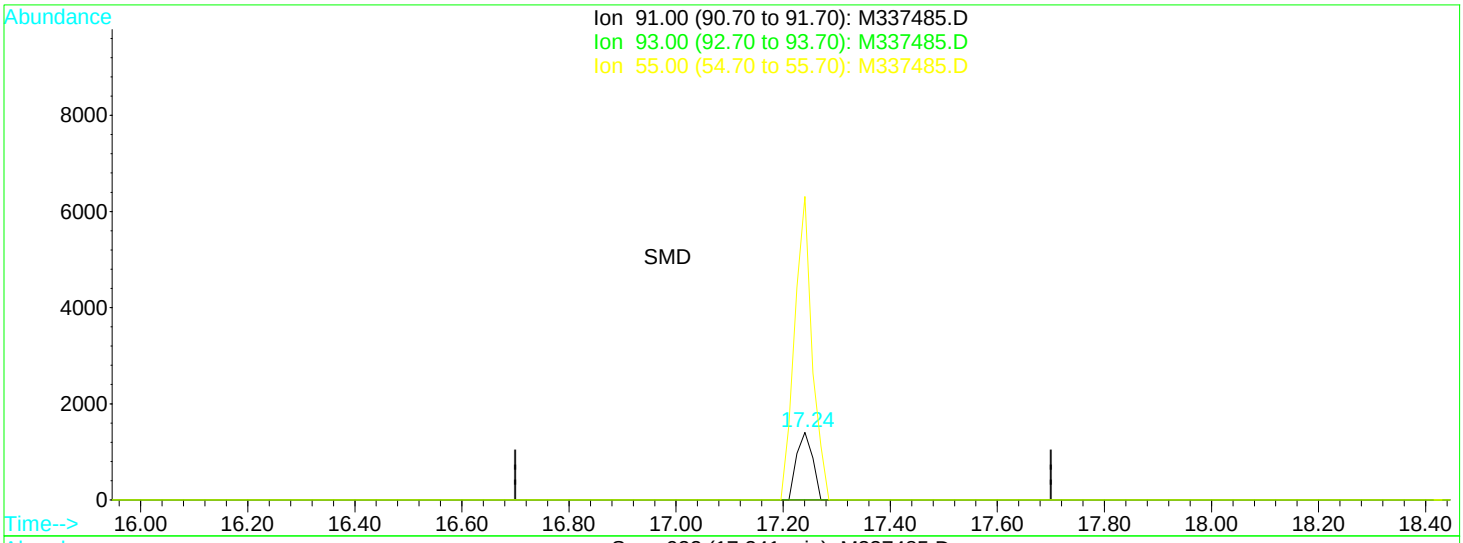
response 20005

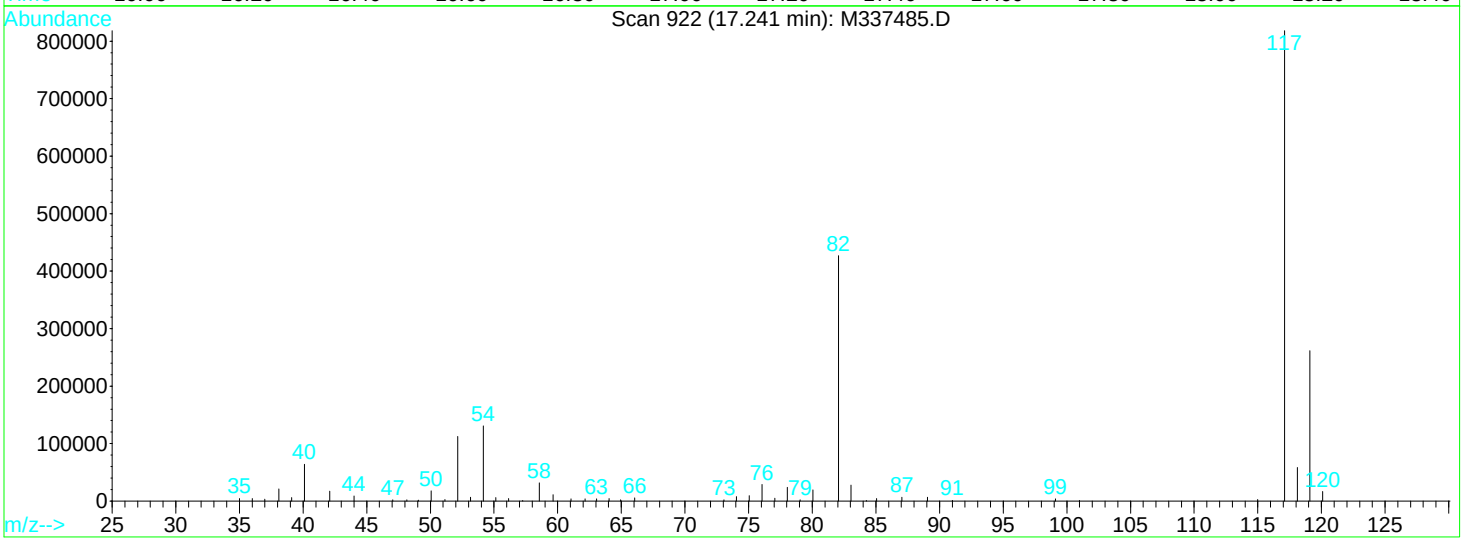
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	67.17
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337485.D

(66) 1-Chlorohexane

17.24min 0.11ug/l

response 2896

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	449.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:15 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

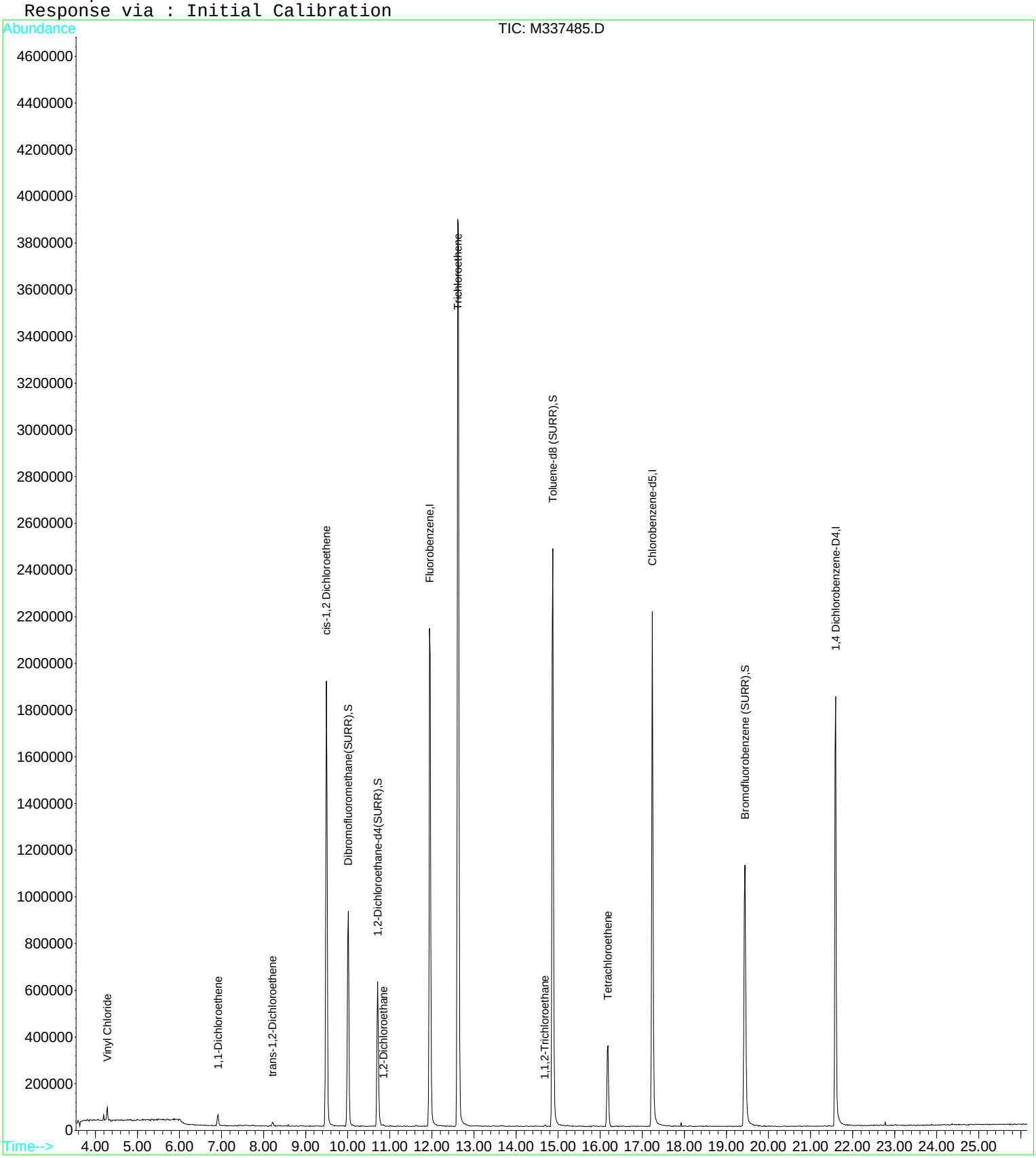
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2949949	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	1998335	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	732034	25.00	ug/l	0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	815915	22.39	ug/l	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.56%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	462746	23.17	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.68%			
59) Toluene-d8 (SURR)	14.88	98	2468117	23.96	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.84%			
75) Bromofluorobenzene (SURR)	19.44	95	824037	23.30	ug/l	0.01
Spiked Amount 25.000			Recovery = 93.20%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.29	62	52055	2.07	ug/l	91
16) 1,1-Dichloroethene	6.92	96	29602	1.07	ug/l	90
20) trans-1,2-Dichloroethene	8.21	96	10275	0.34	ug/l	98
27) cis-1,2 Dichloroethene	9.49	96	1187307	33.25	ug/l	98
42) 1,2-Dichloroethane	10.84	62	2550	0.11	ug/l	82
44) Trichloroethene	12.61	95	2064448	67.15	ug/l	93
56) 1,1,2-Trichloroethane	14.68	83	2942	0.15	ug/l	75
63) Tetrachloroethene	16.18	164	128428	6.89	ug/l	96

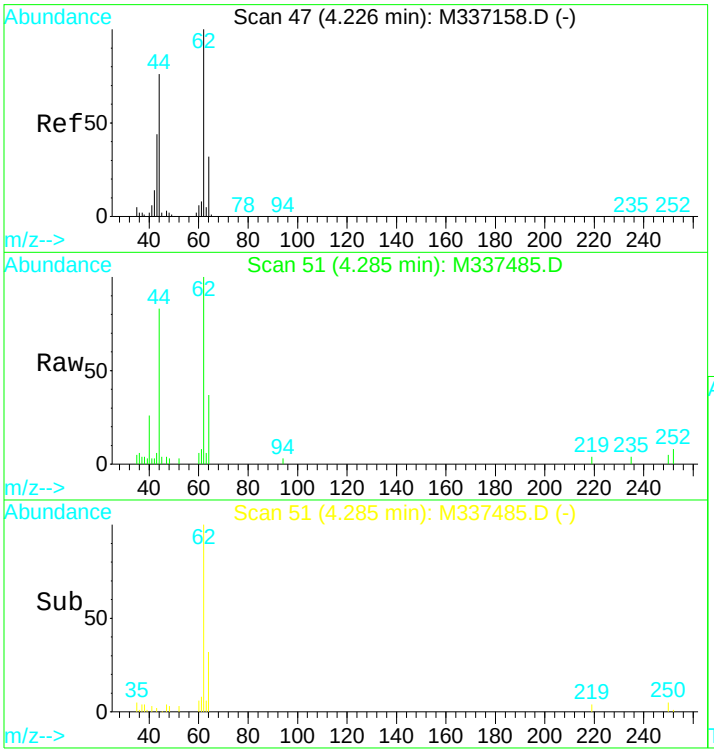
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337485.D Vial: 9
Acq On : 3 Dec 2009 12:38 pm Operator: MD
Sample : 0911321-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:15 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

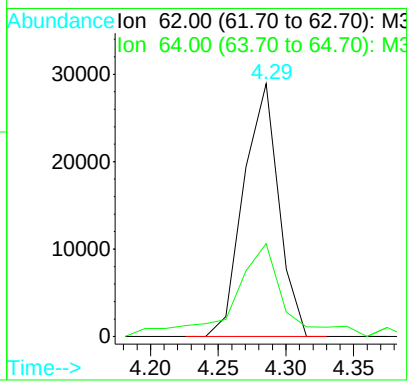


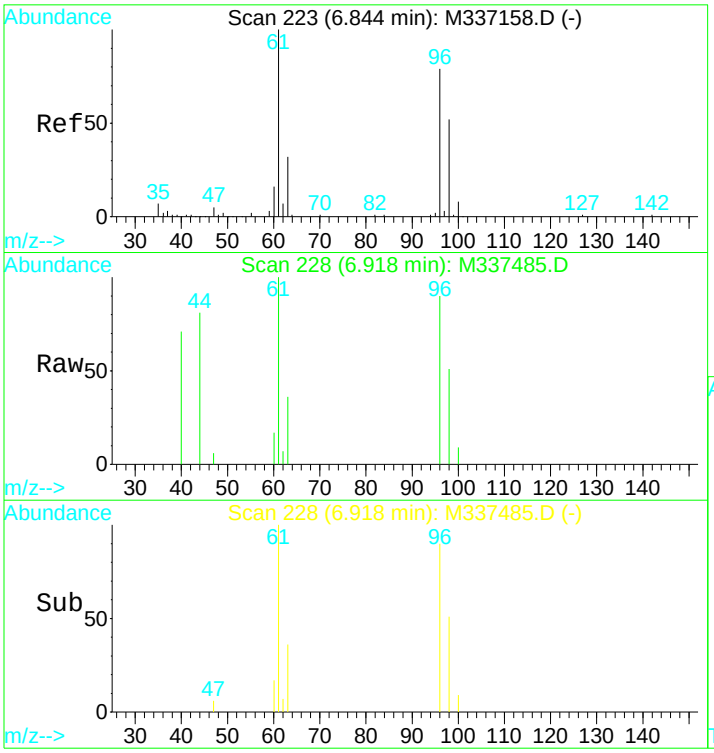


#4
Vinyl Chloride
Concen: 2.07 ug/l
RT: 4.29 min Scan# 51
Delta R.T. 0.01 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion: 62 Resp: 52055

Ion	Ratio	Lower	Upper
62	100		
64	36.7	1.8	61.8

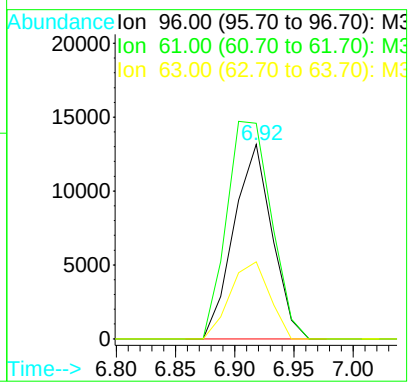


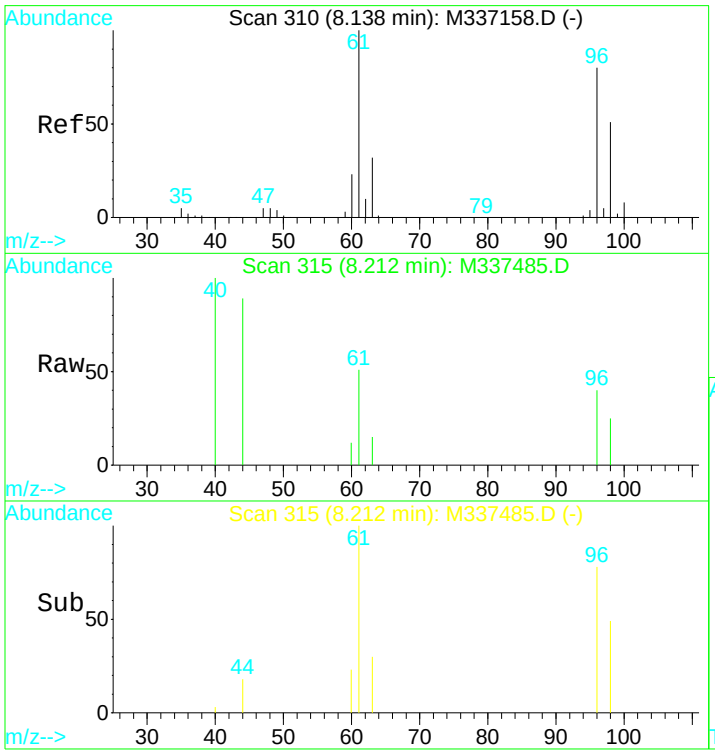


#16
1,1-Dichloroethene
Concen: 1.07 ug/l
RT: 6.92 min Scan# 228
Delta R.T. -0.00 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion: 96 Resp: 29602

Ion	Ratio	Lower	Upper
96	100		
61	111.0	96.1	156.1
63	39.6	10.0	70.0

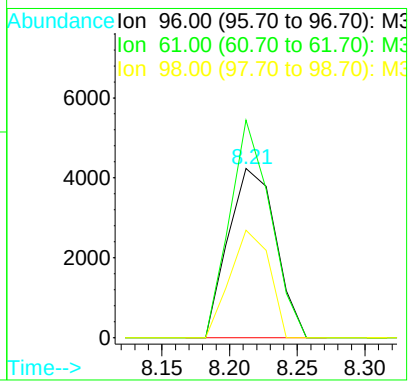


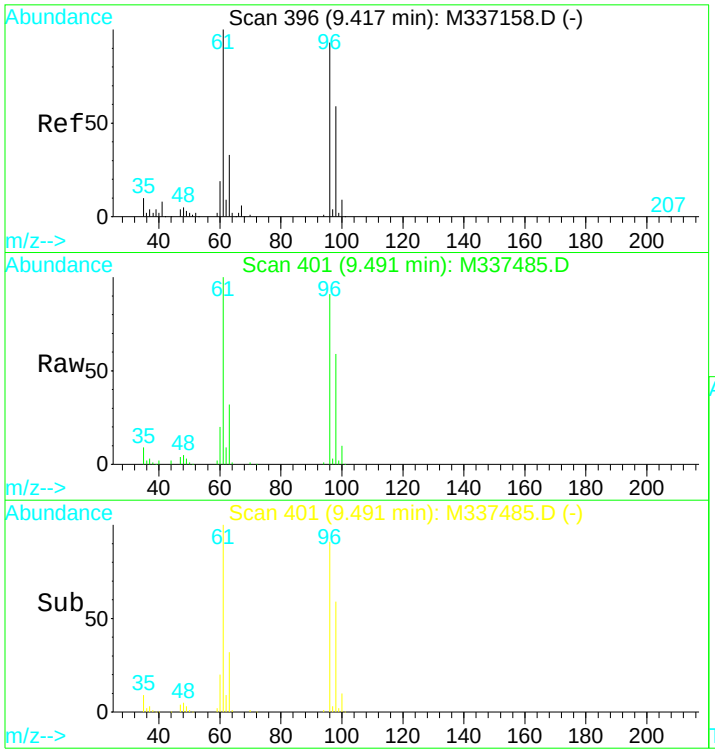


#20
trans-1,2-Dichloroethene
Concen: 0.34 ug/l
RT: 8.21 min Scan# 315
Delta R.T. -0.00 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion: 96 Resp: 10275

Ion	Ratio	Lower	Upper
96	100		
61	128.7	95.0	155.0
98	63.6	33.4	93.4

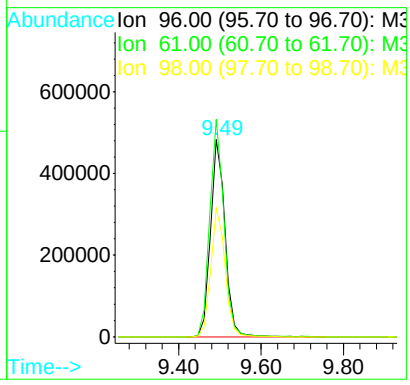


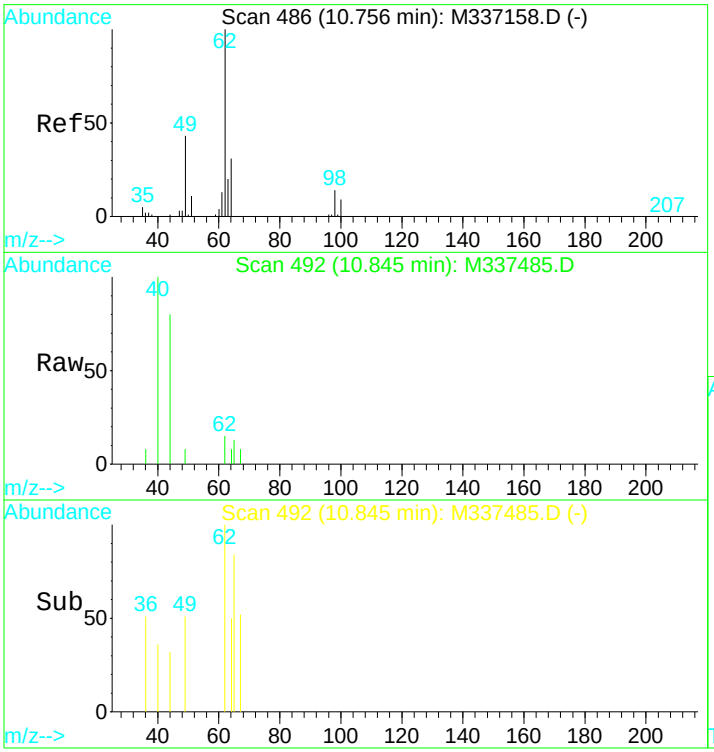


#27
cis-1,2 Dichloroethene
Concen: 33.25 ug/l
RT: 9.49 min Scan# 401
Delta R.T. -0.00 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion: 96 Resp: 1187307

Ion	Ratio	Lower	Upper
96	100		
61	110.3	77.5	137.5
98	65.2	33.9	93.9

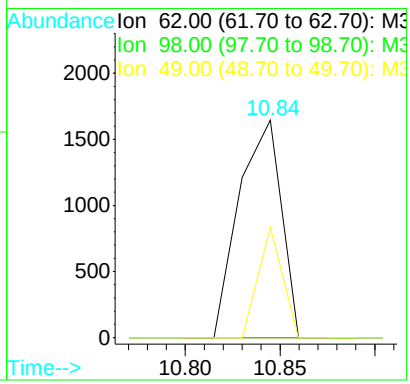


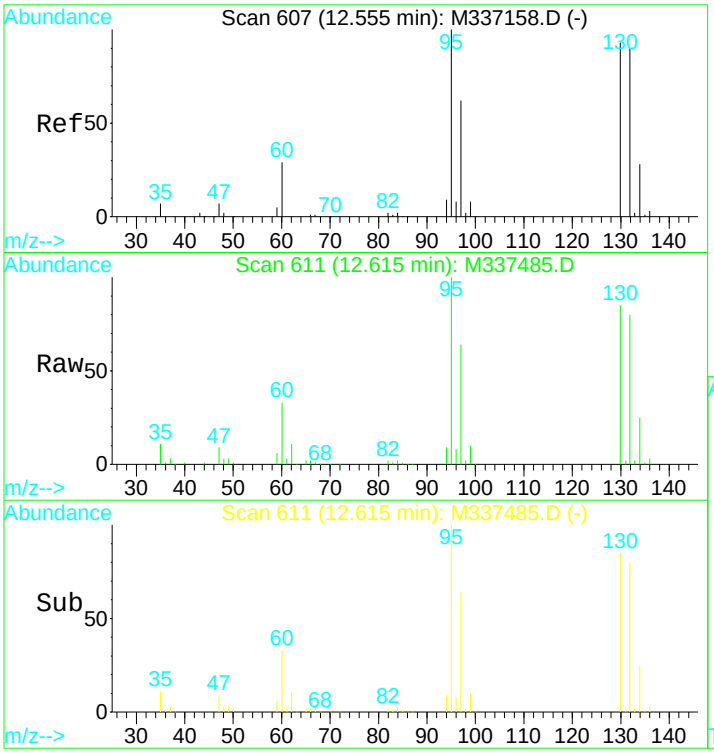


#42
1,2-Dichloroethane
Concen: 0.11 ug/l
RT: 10.84 min Scan# 492
Delta R.T. 0.01 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion: 62 Resp: 2550

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	44.4
49	50.8	13.0	73.0

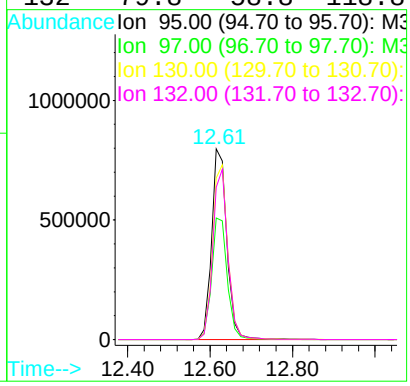


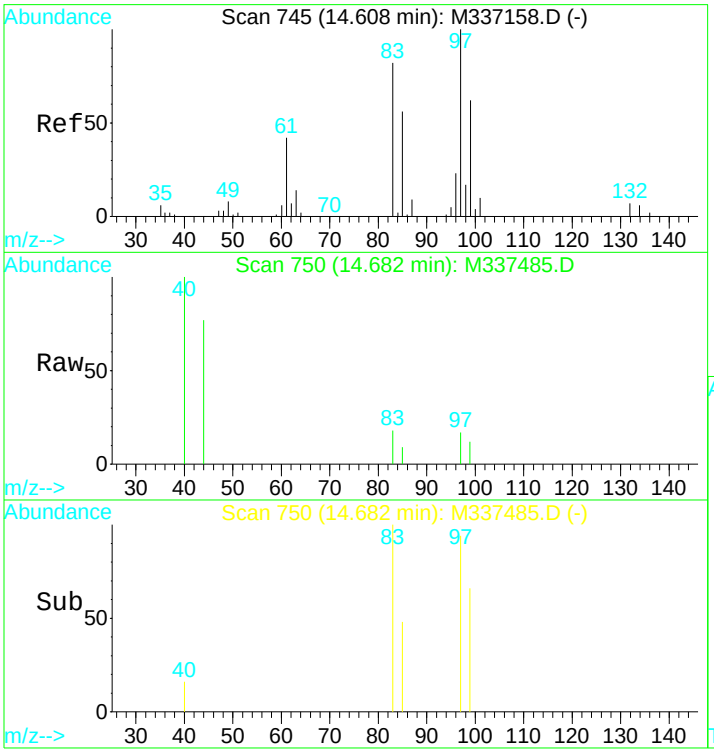


#44
Trichloroethene
Concen: 67.15 ug/l
RT: 12.61 min Scan# 611
Delta R.T. -0.00 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion: 95 Resp: 2064448

Ion	Ratio	Lower	Upper
95	100		
97	63.8	35.0	95.0
130	84.8	62.7	122.7
132	79.8	58.8	118.8

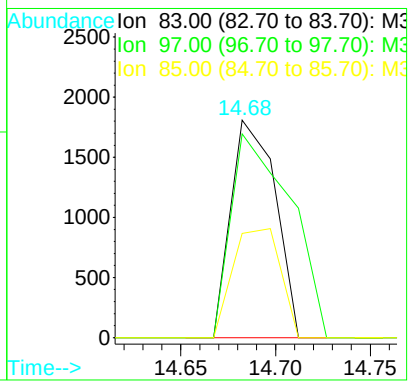


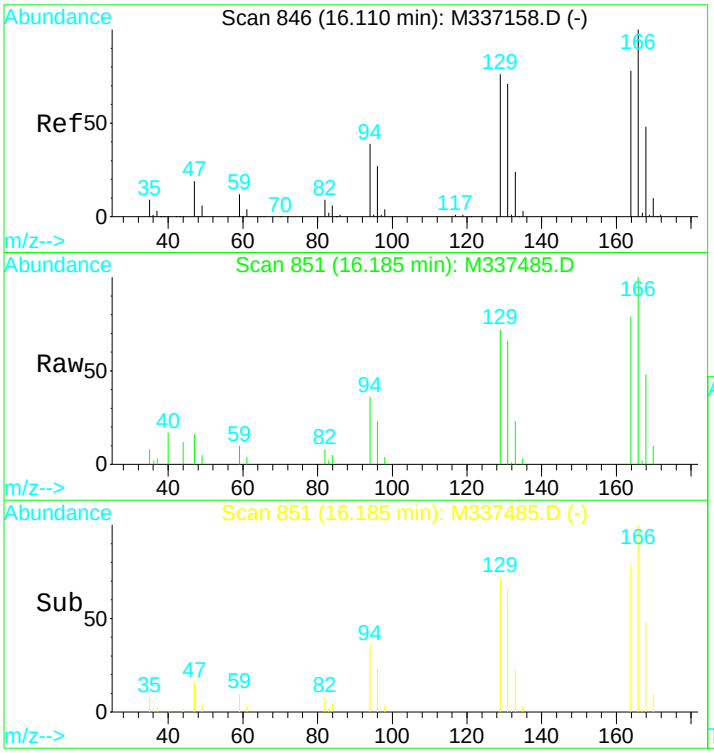


#56
1,1,2-Trichloroethane
Concen: 0.15 ug/l
RT: 14.68 min Scan# 750
Delta R.T. 0.01 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion: 83 Resp: 2942

Ion	Ratio	Lower	Upper
83	100		
97	93.6	91.3	151.3
85	47.9	37.4	97.4

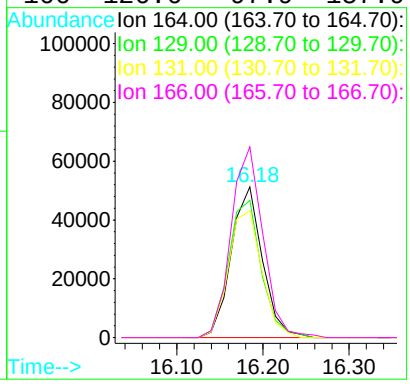




#63
Tetrachloroethene
Concen: 6.89 ug/l
RT: 16.18 min Scan# 851
Delta R.T. 0.01 min
Lab File: M337485.D
Acq: 3 Dec 2009 12:38 pm

Tgt Ion:164 Resp: 128428

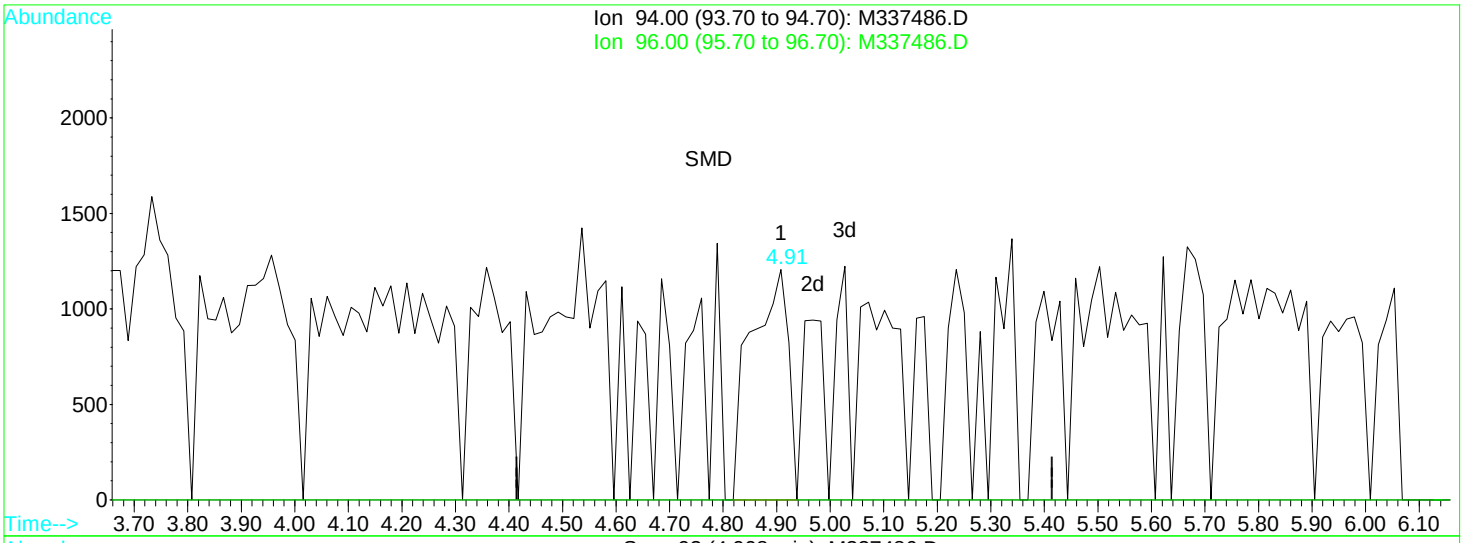
Ion	Ratio	Lower	Upper
164	100		
129	91.2	66.7	126.7
131	84.1	61.4	121.4
166	126.6	97.9	157.9

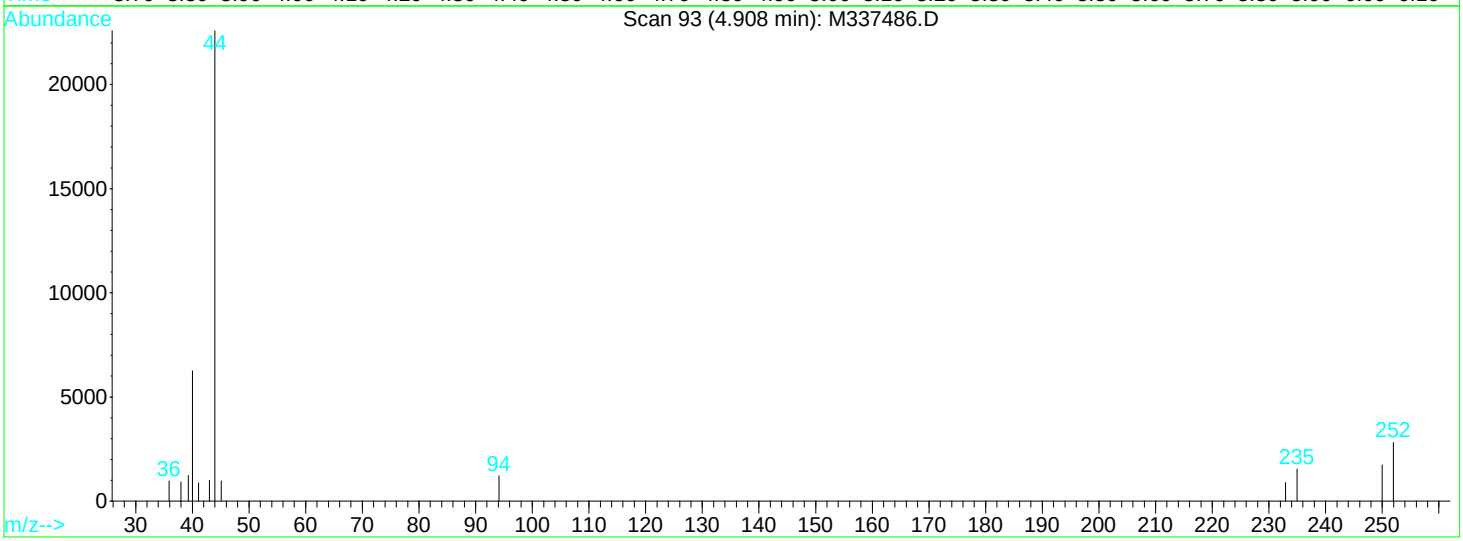


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337486.D Vial: 10
Acq On : 3 Dec 2009 1:10 pm Operator: MD
Sample : 0911321-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 13:39 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337486.D

(5) Bromomethane

4.91min 0.34ug/l

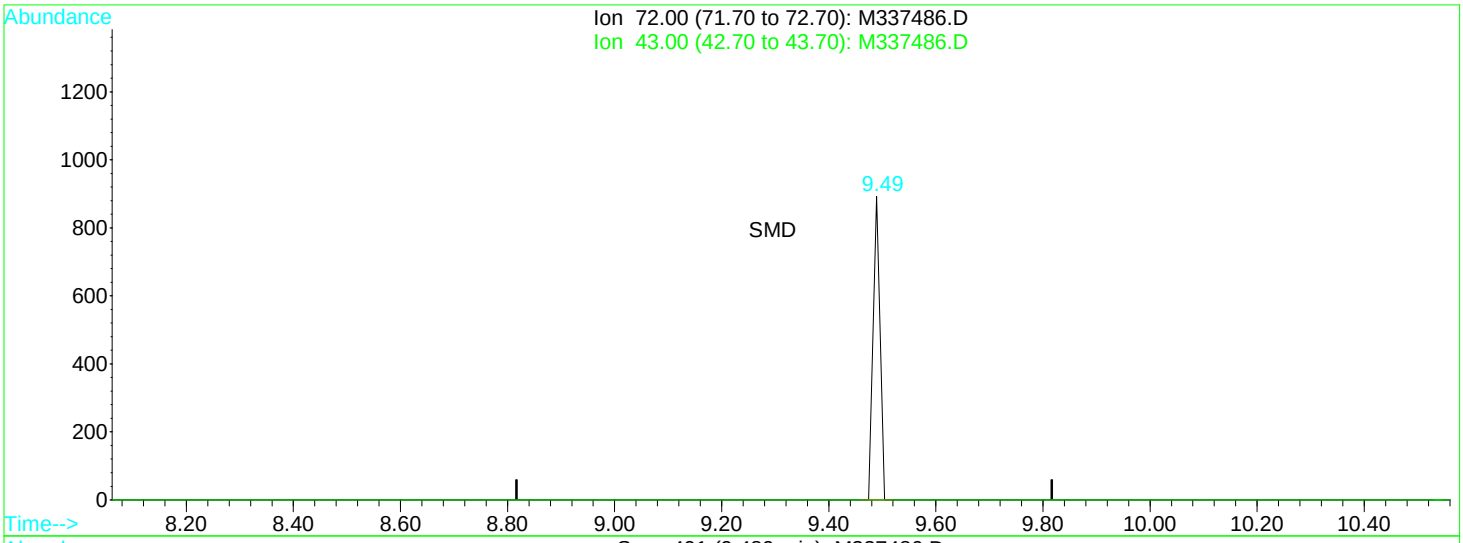
response 5854

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337486.D Vial: 10
Acq On : 3 Dec 2009 1:10 pm Operator: MD
Sample : 0911321-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:16 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337486.D

(24) 2-Butanone

9.49min 0.57ug/l

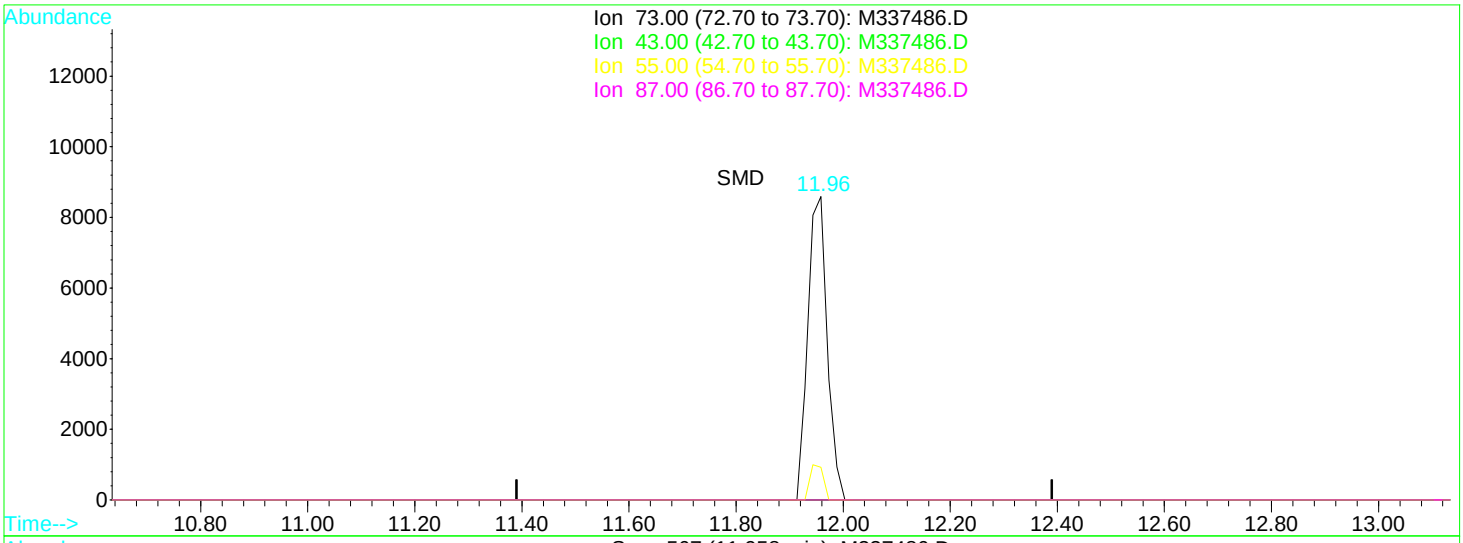
response 796

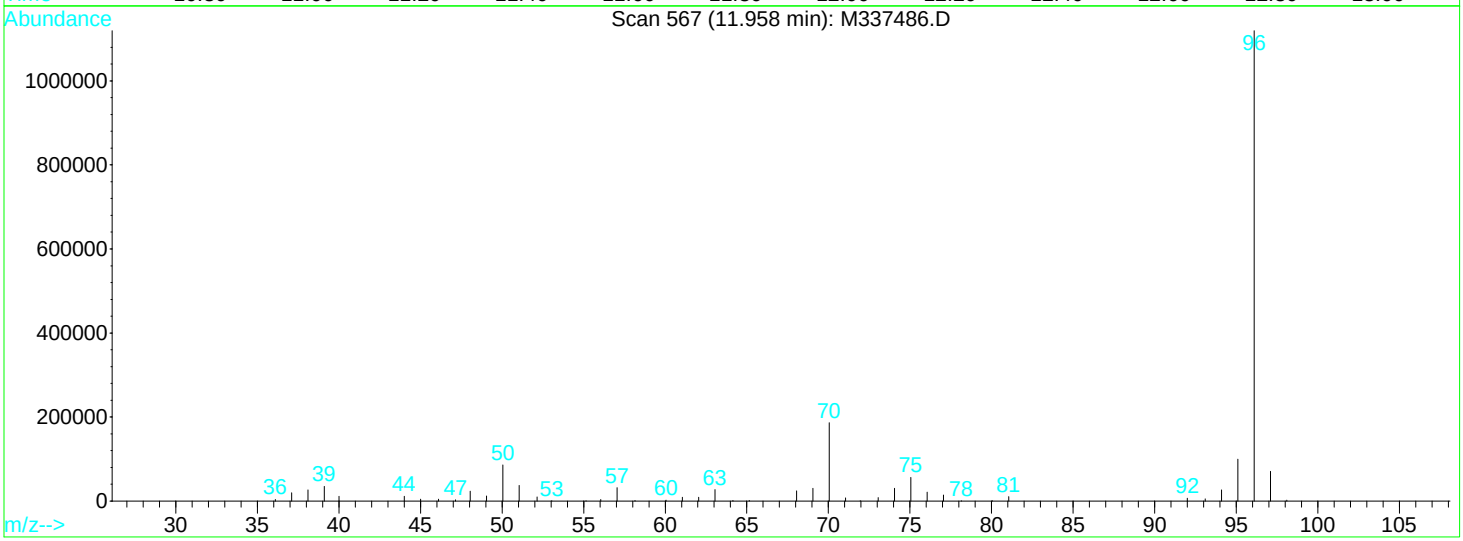
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337486.D Vial: 10
Acq On : 3 Dec 2009 1:10 pm Operator: MD
Sample : 0911321-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:16 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337486.D

(43) Tertiary-amyl methyl ether

11.96min 0.47ug/l

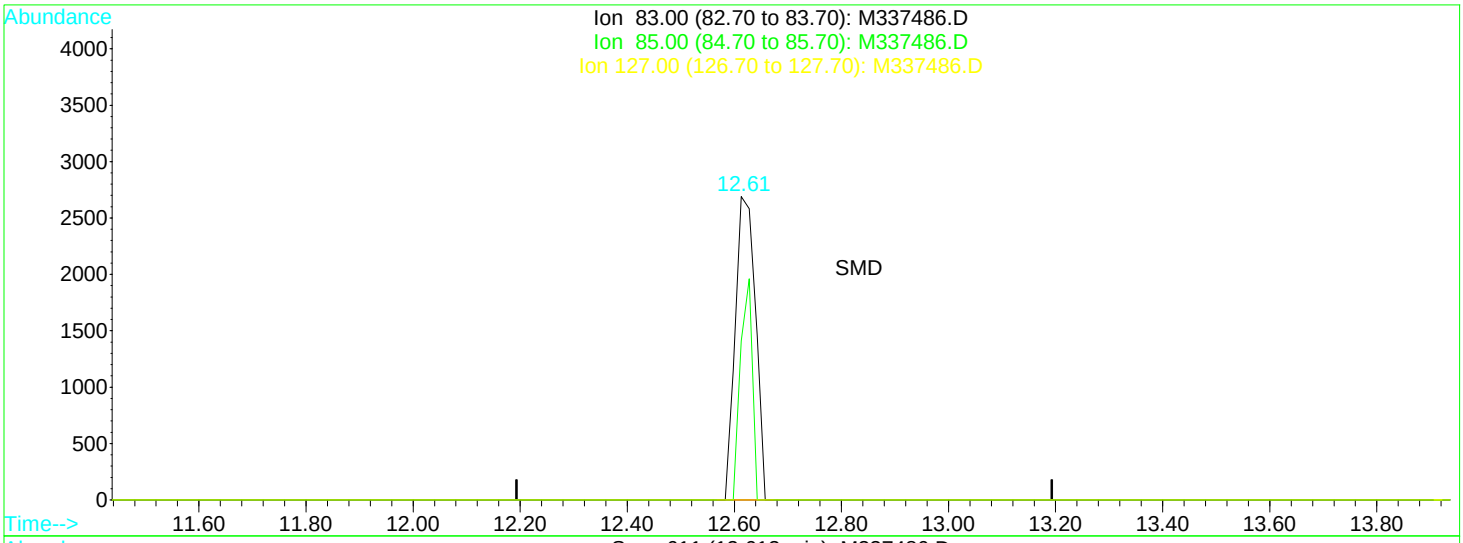
response 21542

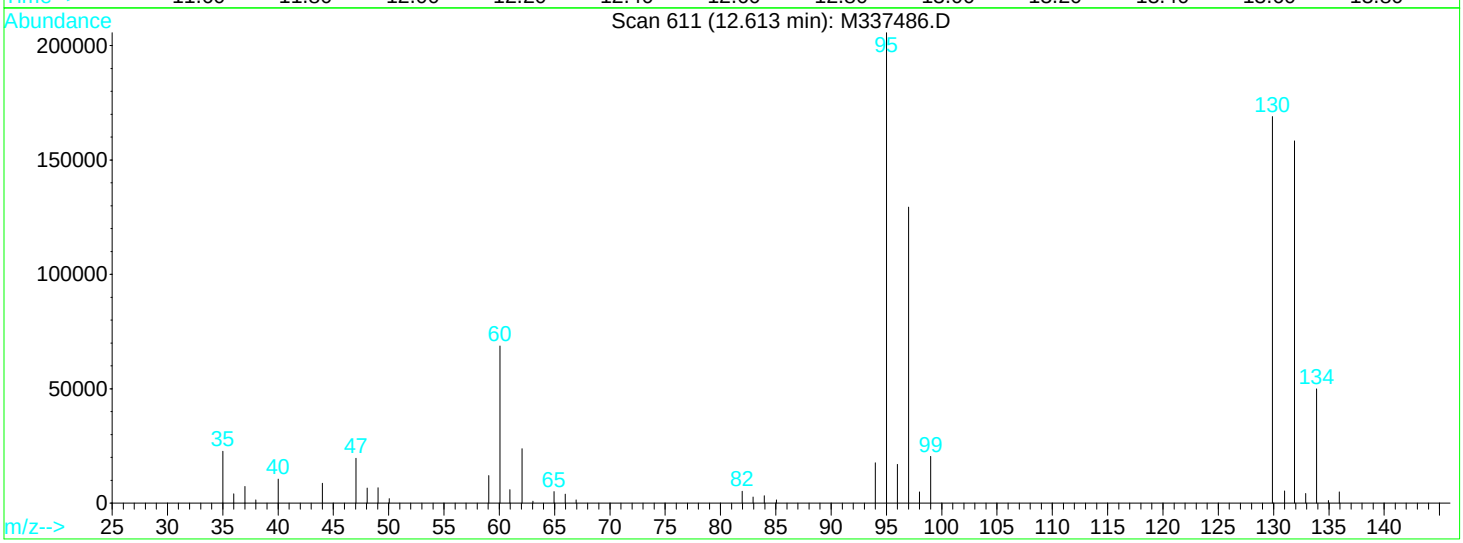
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	10.79
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337486.D Vial: 10
Acq On : 3 Dec 2009 1:10 pm Operator: MD
Sample : 0911321-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:16 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337486.D

(48) Bromodichloromethane

12.61min 0.21ug/l

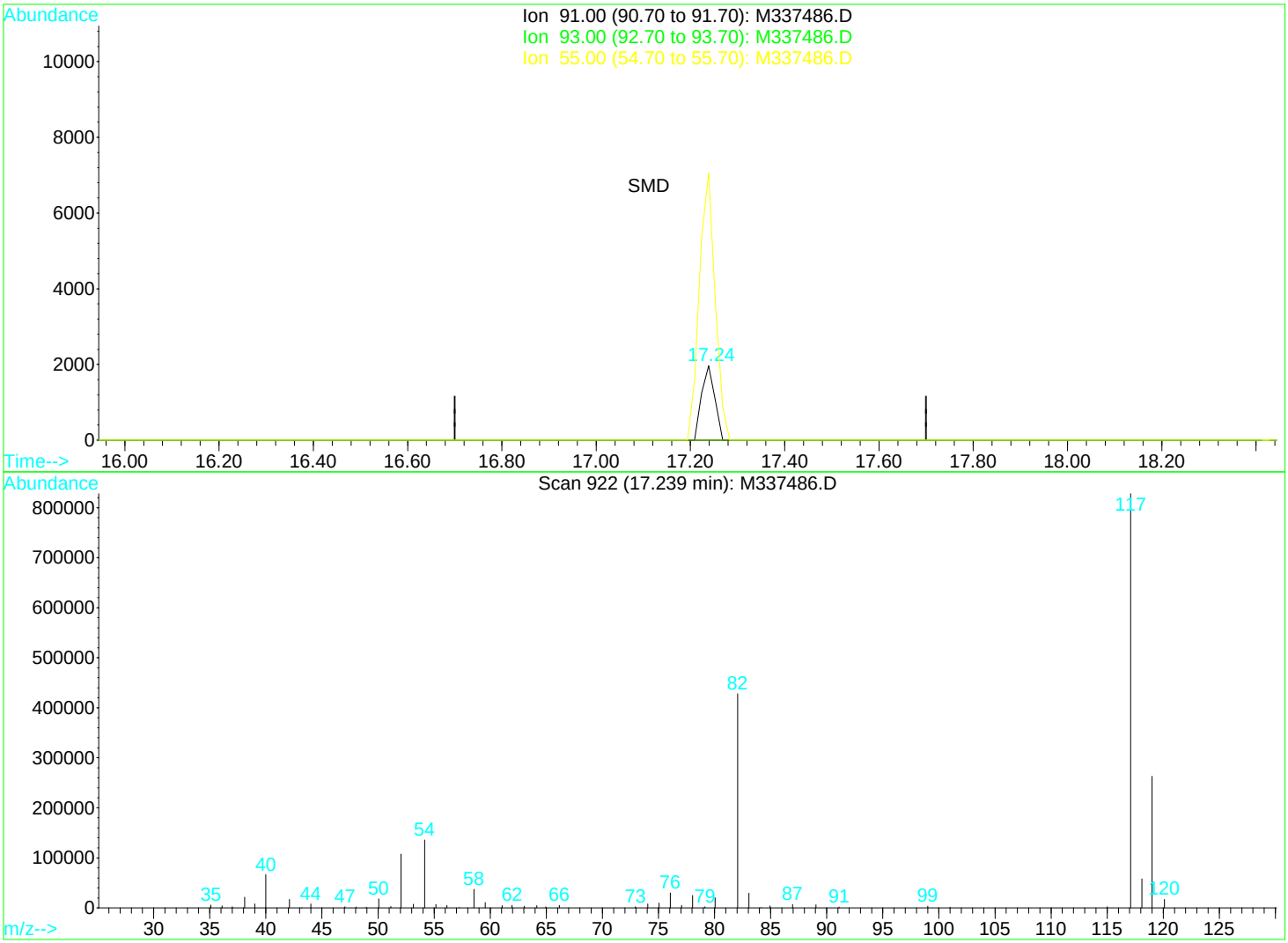
response 7031

Ion	Exp%	Act%
83.00	100	100
85.00	64.00	52.36
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337486.D Vial: 10
Acq On : 3 Dec 2009 1:10 pm Operator: MD
Sample : 0911321-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:16 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337486.D

(66) 1-Chlorohexane

17.24min 0.15ug/l

response 3761

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	358.82#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337486.D Vial: 10
Acq On : 3 Dec 2009 1:10 pm Operator: MD
Sample : 0911321-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:16 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

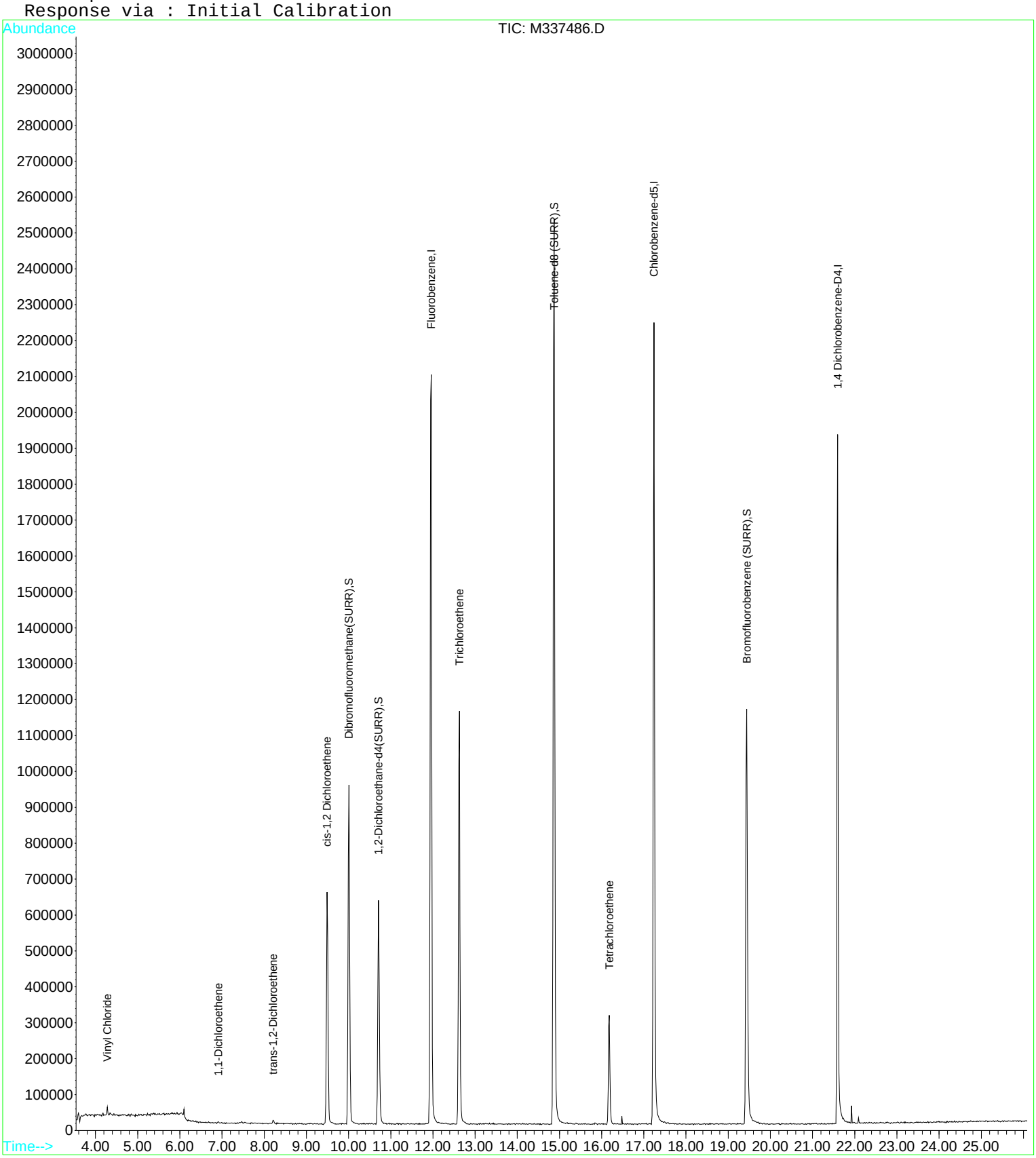
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.96	96	2924261	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	2025801	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	730722	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	816392	22.60	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.40%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	466235	23.55	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.20%			
59) Toluene-d8 (SURR)	14.87	98	2509227	24.03	ug/l	0.00
Spiked Amount 25.000			Recovery = 96.12%			
75) Bromofluorobenzene (SURR)	19.44	95	826103	23.05	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.20%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.28	62	22546	0.90	ug/l	88
16) 1,1-Dichloroethene	6.92	96	2507	0.09	ug/l #	71
20) trans-1,2-Dichloroethene	8.21	96	6557	0.22	ug/l	90
27) cis-1,2 Dichloroethene	9.49	96	420522	11.88	ug/l	97
44) Trichloroethene	12.63	95	594010	19.49	ug/l	99
63) Tetrachloroethene	16.18	164	107857	5.71	ug/l	98

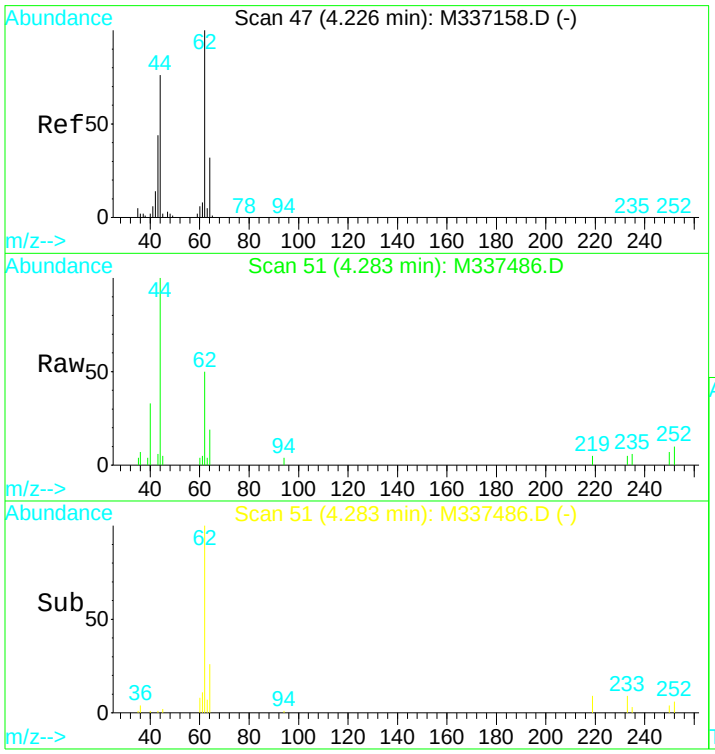
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337486.D Vial: 10
Acq On : 3 Dec 2009 1:10 pm Operator: MD
Sample : 0911321-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:16 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

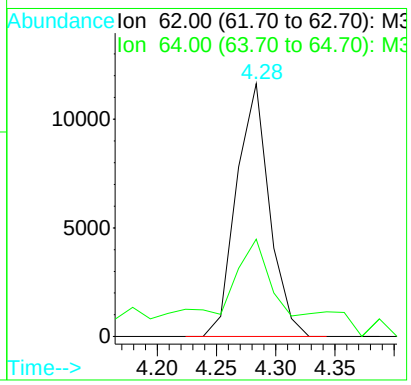


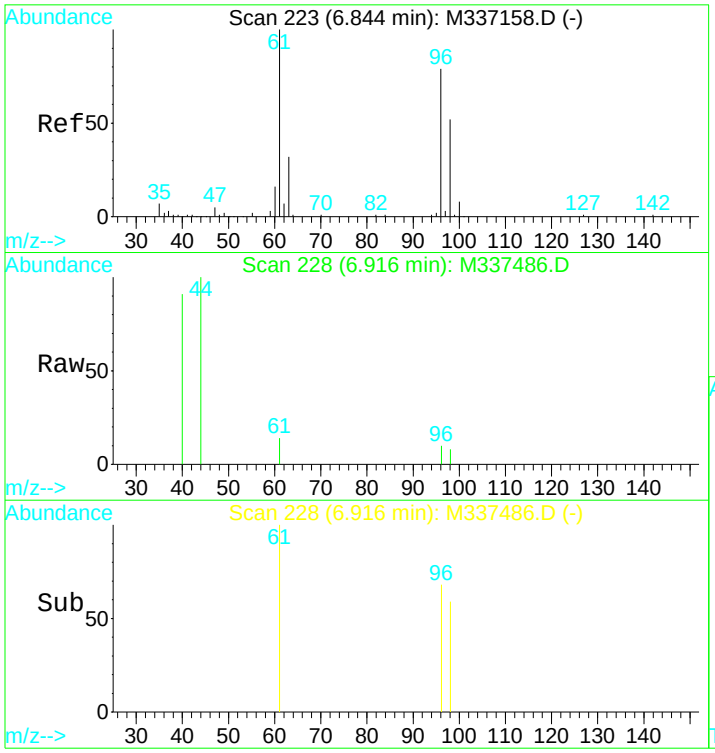


#4
Vinyl Chloride
Concen: 0.90 ug/l
RT: 4.28 min Scan# 51
Delta R.T. 0.01 min
Lab File: M337486.D
Acq: 3 Dec 2009 1:10 pm

Tgt Ion: 62 Resp: 22546

Ion	Ratio	Lower	Upper
62	100		
64	38.5	1.8	61.8

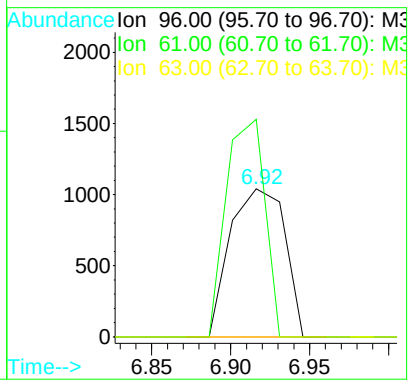


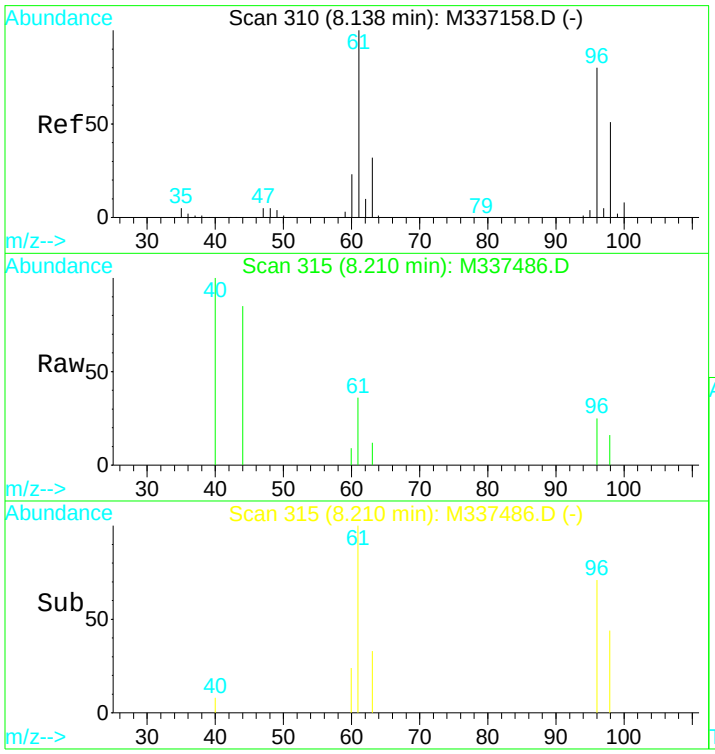


#16
1,1-Dichloroethene
Concen: 0.09 ug/l
RT: 6.92 min Scan# 228
Delta R.T. -0.01 min
Lab File: M337486.D
Acq: 3 Dec 2009 1:10 pm

Tgt Ion: 96 Resp: 2507

Ion	Ratio	Lower	Upper
96	100		
61	146.9	96.1	156.1
63	0.0	10.0	70.0#

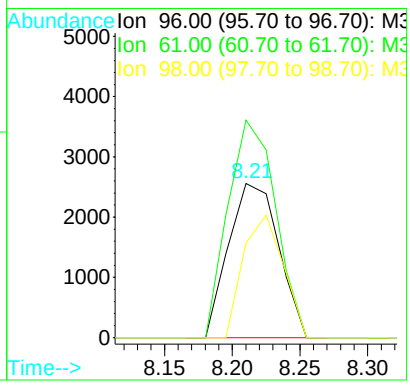


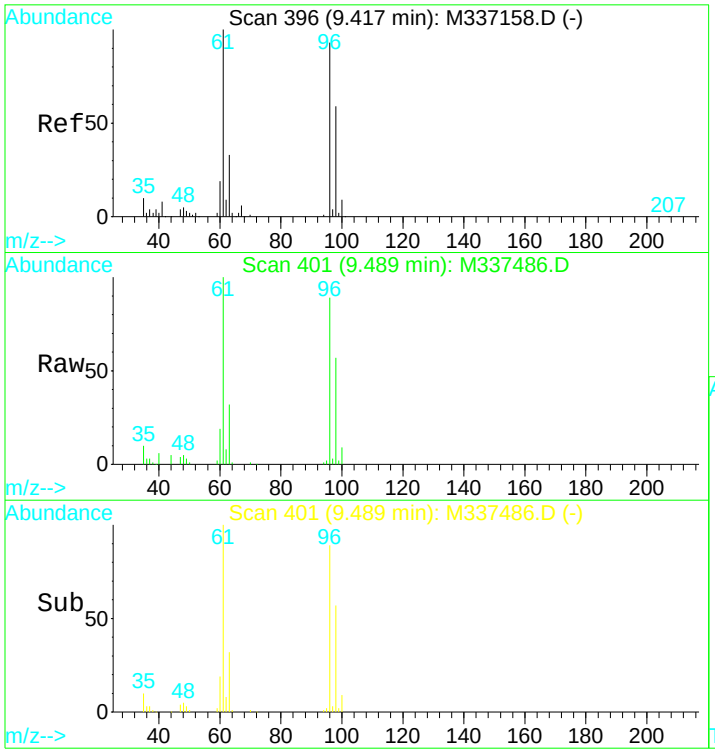


#20
trans-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 8.21 min Scan# 315
Delta R.T. -0.01 min
Lab File: M337486.D
Acq: 3 Dec 2009 1:10 pm

Tgt Ion: 96 Resp: 6557

Ion	Ratio	Lower	Upper
96	100		
61	141.1	95.0	155.0
98	61.5	33.4	93.4

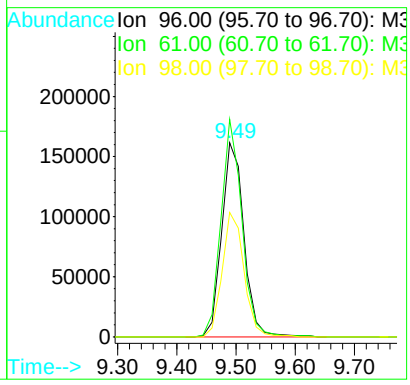


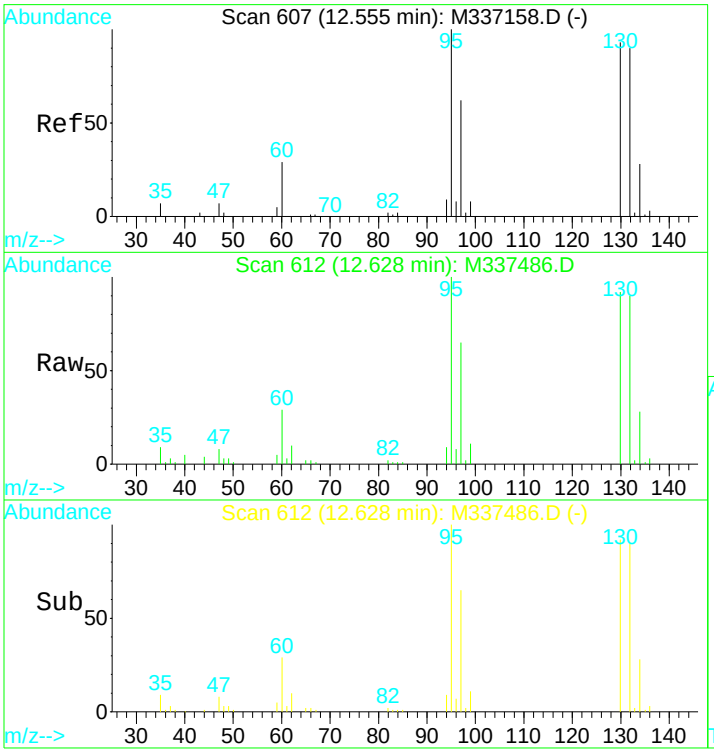


#27
cis-1,2 Dichloroethene
Concen: 11.88 ug/l
RT: 9.49 min Scan# 401
Delta R.T. -0.01 min
Lab File: M337486.D
Acq: 3 Dec 2009 1:10 pm

Tgt Ion: 96 Resp: 420522

Ion	Ratio	Lower	Upper
96	100		
61	112.0	77.5	137.5
98	64.1	33.9	93.9

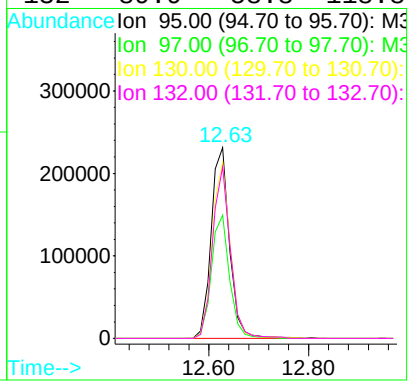


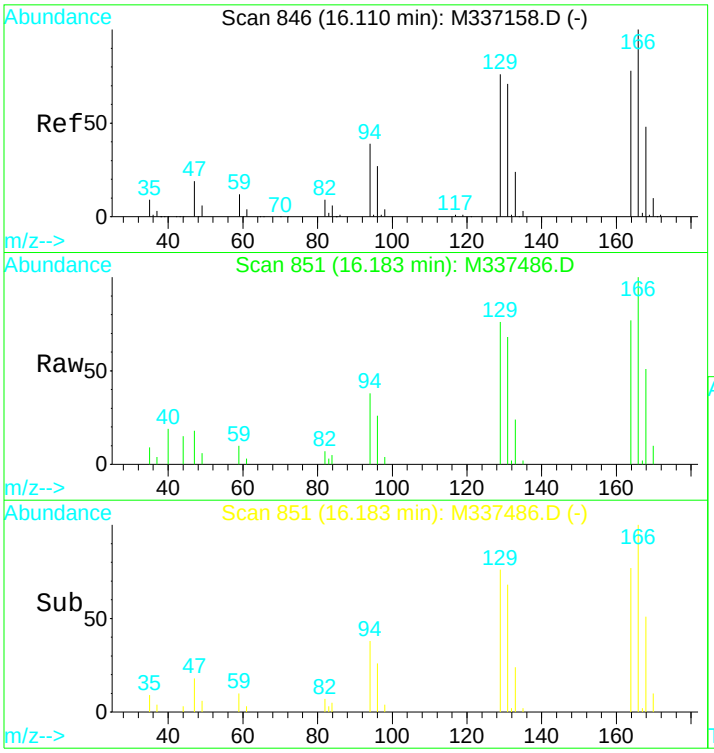


#44
Trichloroethene
Concen: 19.49 ug/l
RT: 12.63 min Scan# 612
Delta R.T. 0.01 min
Lab File: M337486.D
Acq: 3 Dec 2009 1:10 pm

Tgt Ion: 95 Resp: 594010

Ion	Ratio	Lower	Upper
95	100		
97	64.5	35.0	95.0
130	92.2	62.7	122.7
132	89.9	58.8	118.8

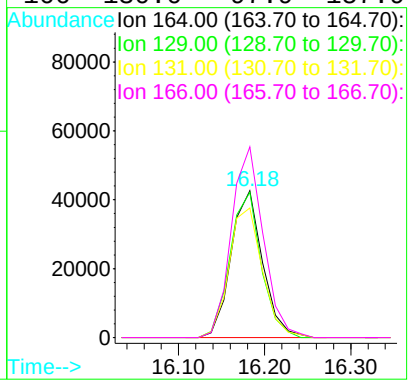




#63
Tetrachloroethene
Concen: 5.71 ug/l
RT: 16.18 min Scan# 851
Delta R.T. 0.01 min
Lab File: M337486.D
Acq: 3 Dec 2009 1:10 pm

Tgt Ion:164 Resp: 107857

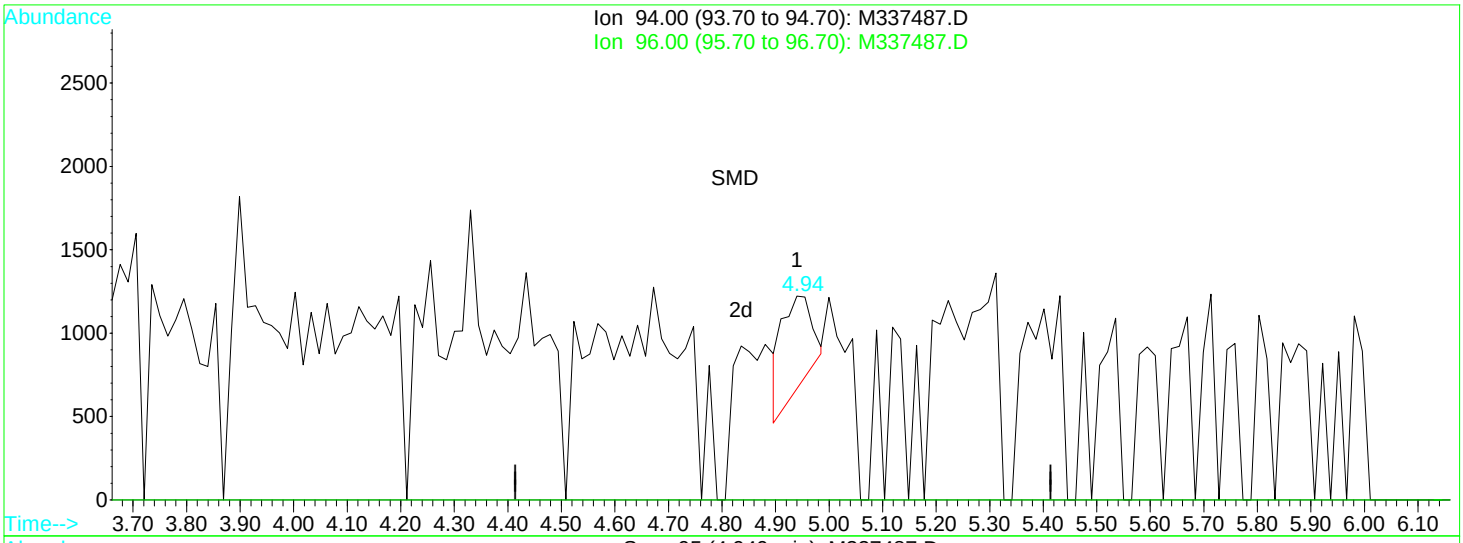
Ion	Ratio	Lower	Upper
164	100		
129	99.0	66.7	126.7
131	88.2	61.4	121.4
166	130.0	97.9	157.9

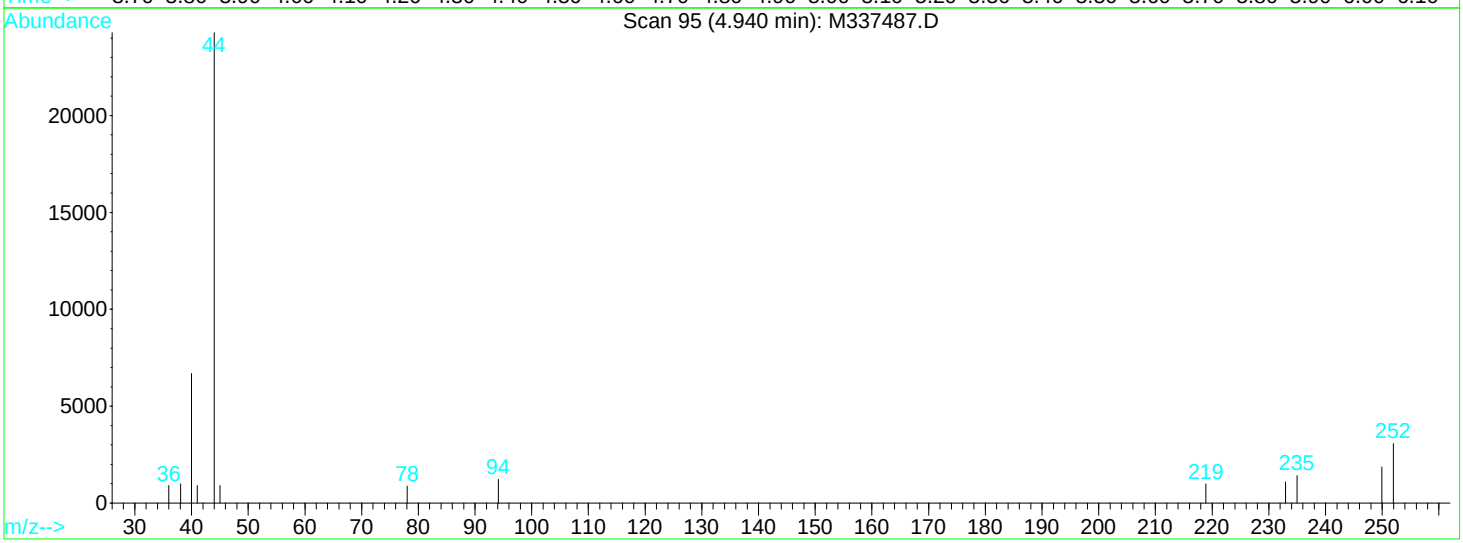


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 14:12 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337487.D

(5) Bromomethane

4.94min 0.14ug/l

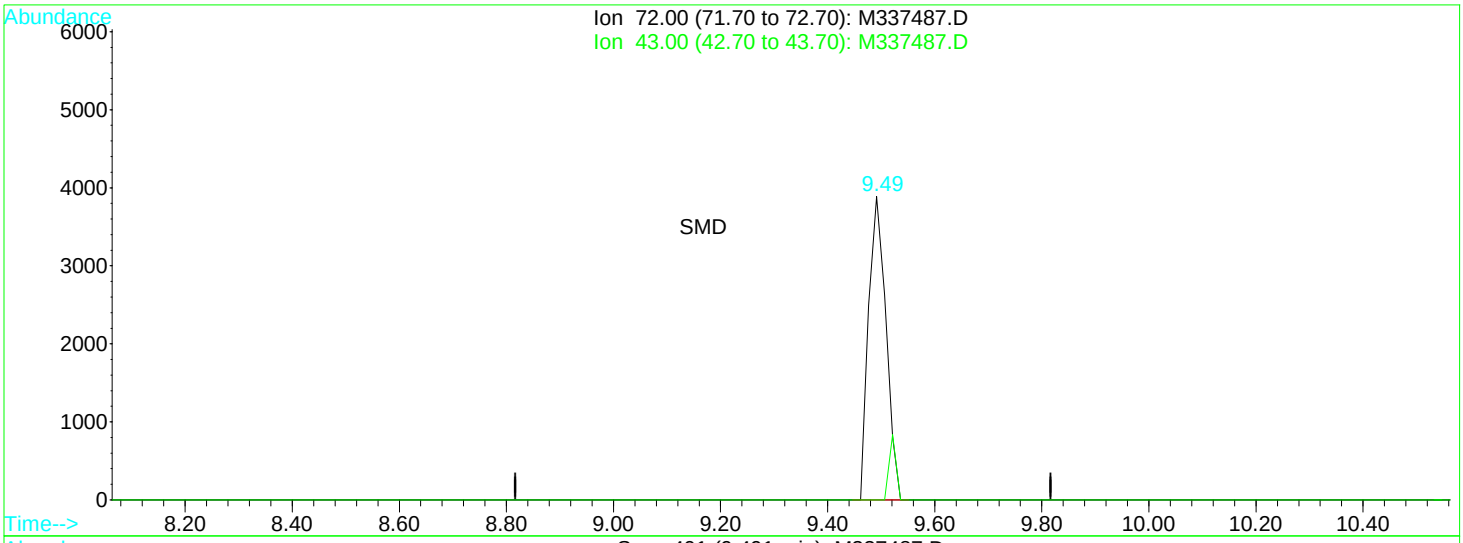
response 2283

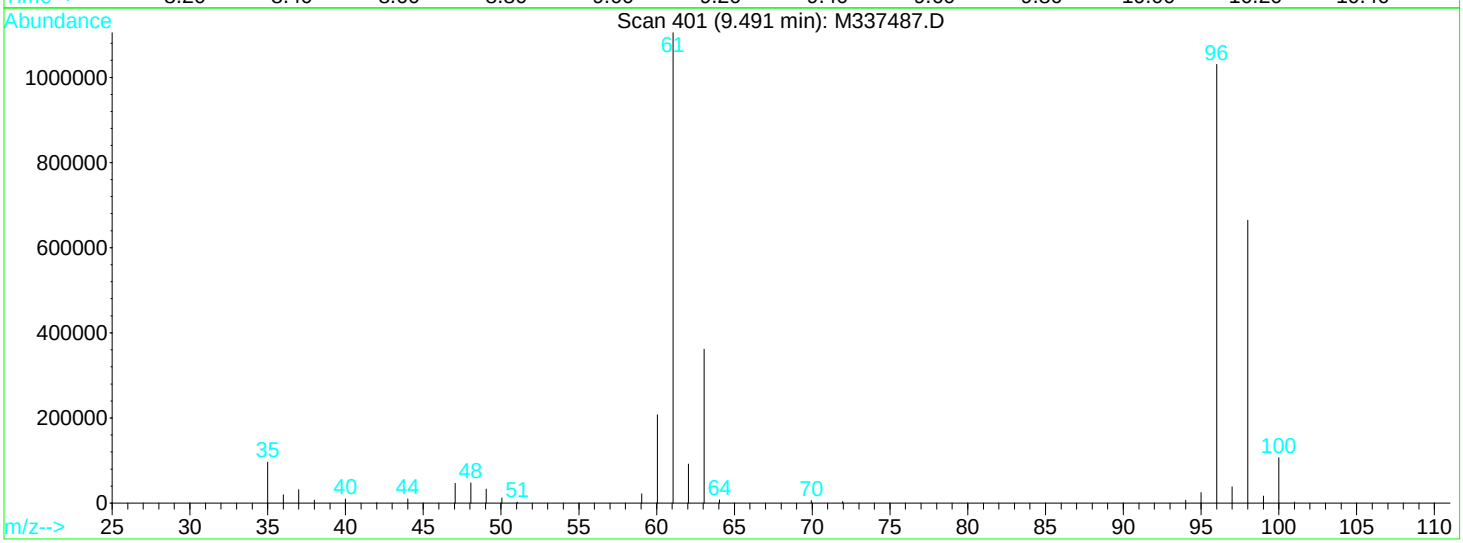
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:17 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337487.D

(24) 2-Butanone

9.49min 6.50ug/l

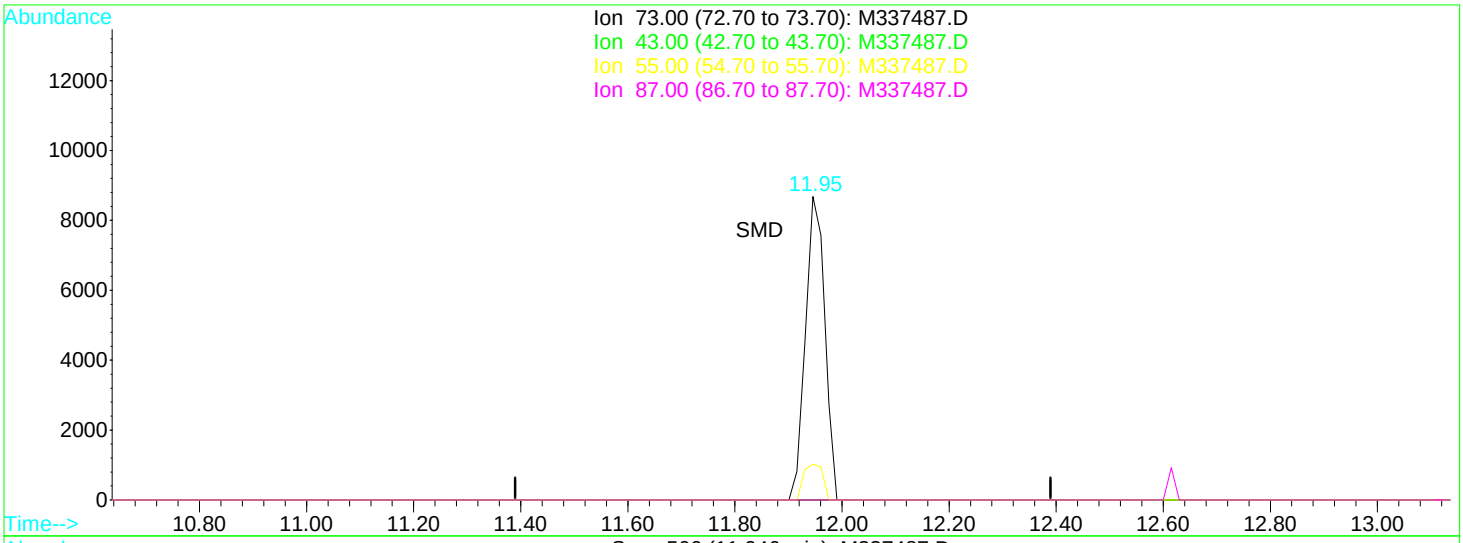
response 8763

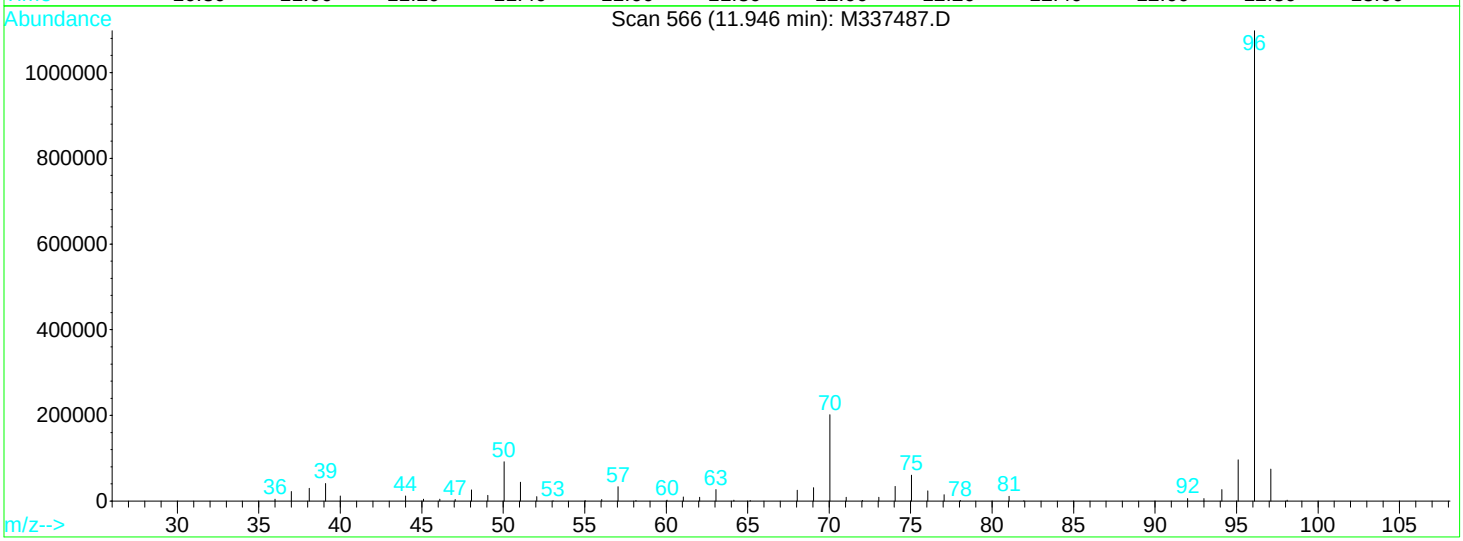
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:17 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337487.D

(43) Tertiary-amyl methyl ether

11.95min 0.49ug/l

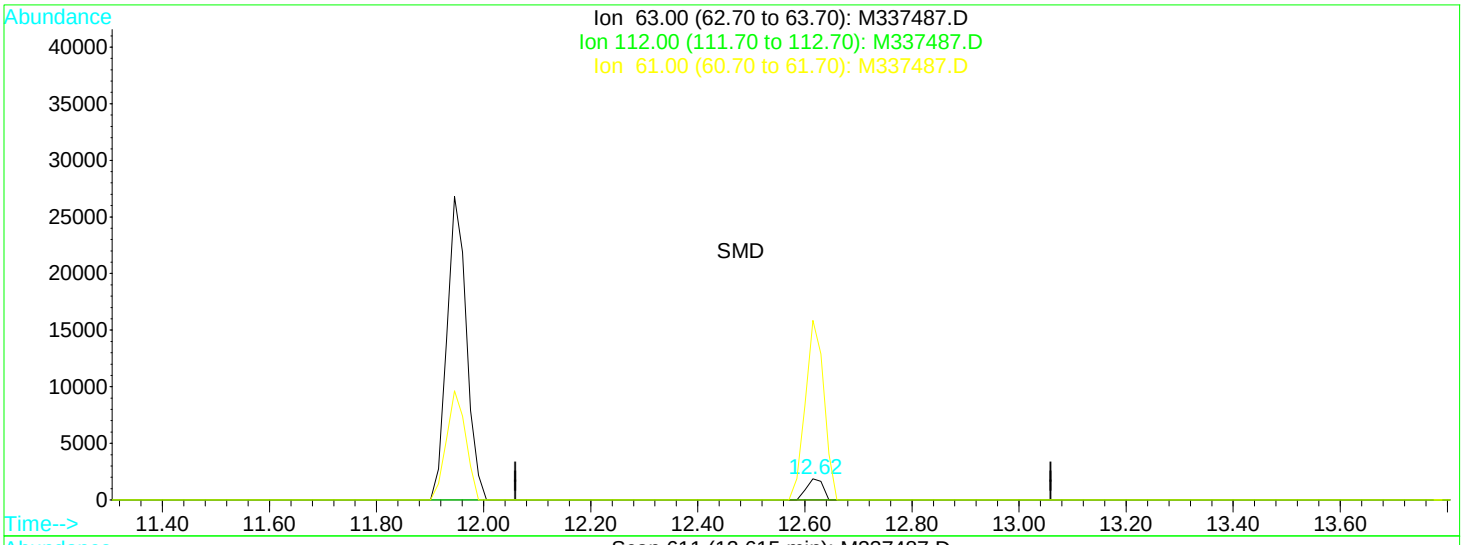
response 21724

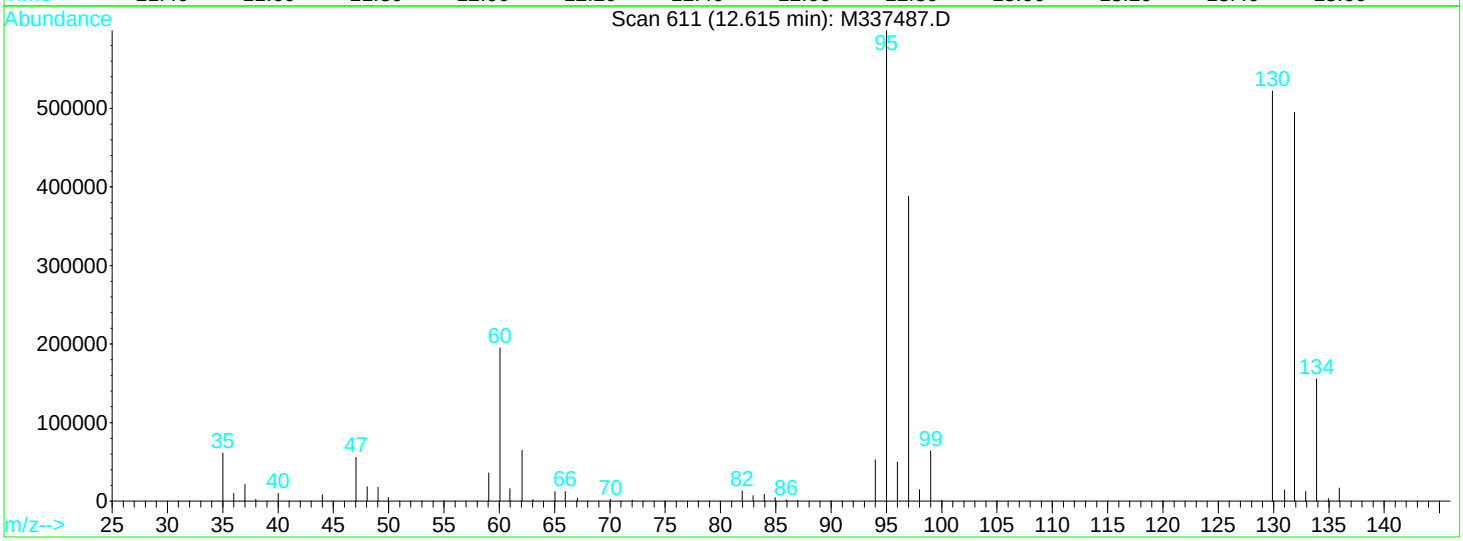
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.86
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:17 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337487.D

(45) 1,2-Dichloropropane

12.62min 0.14ug/l

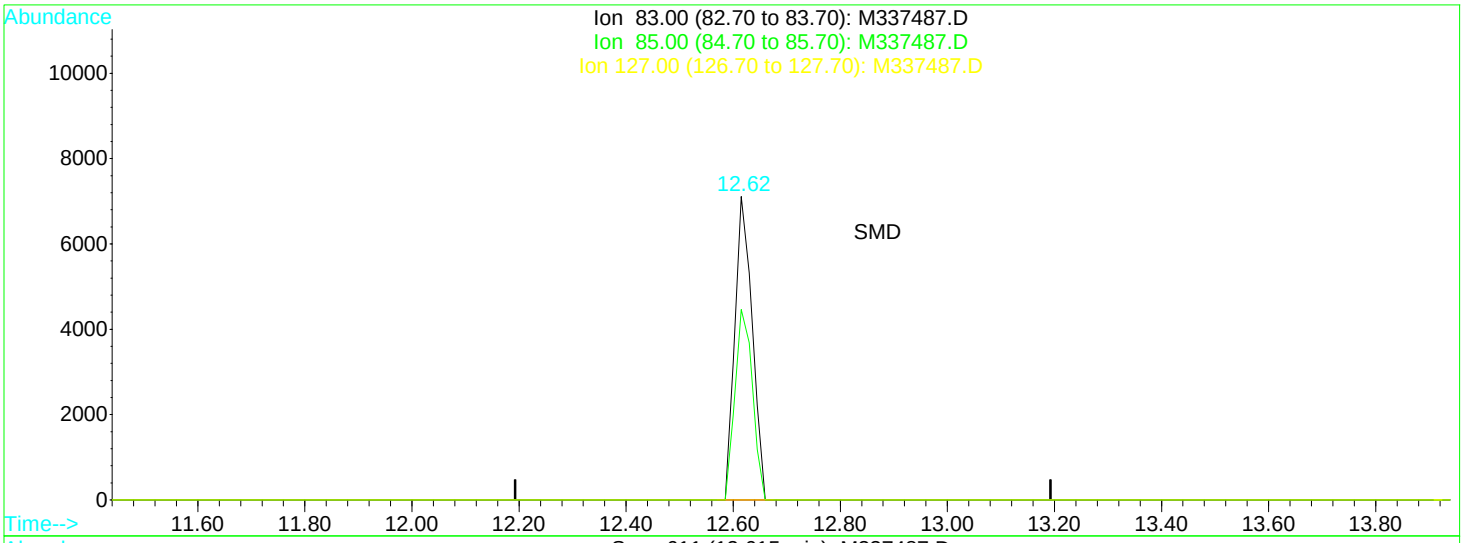
response 3935

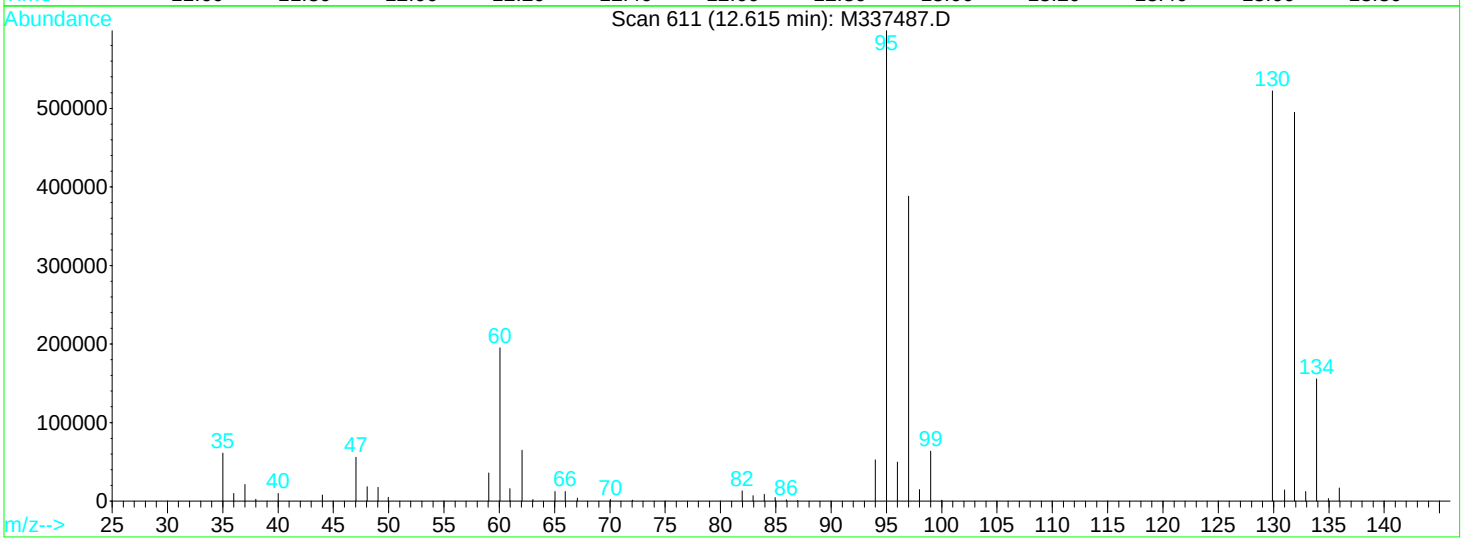
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	844.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:17 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337487.D

(48) Bromodichloromethane

12.62min 0.50ug/l

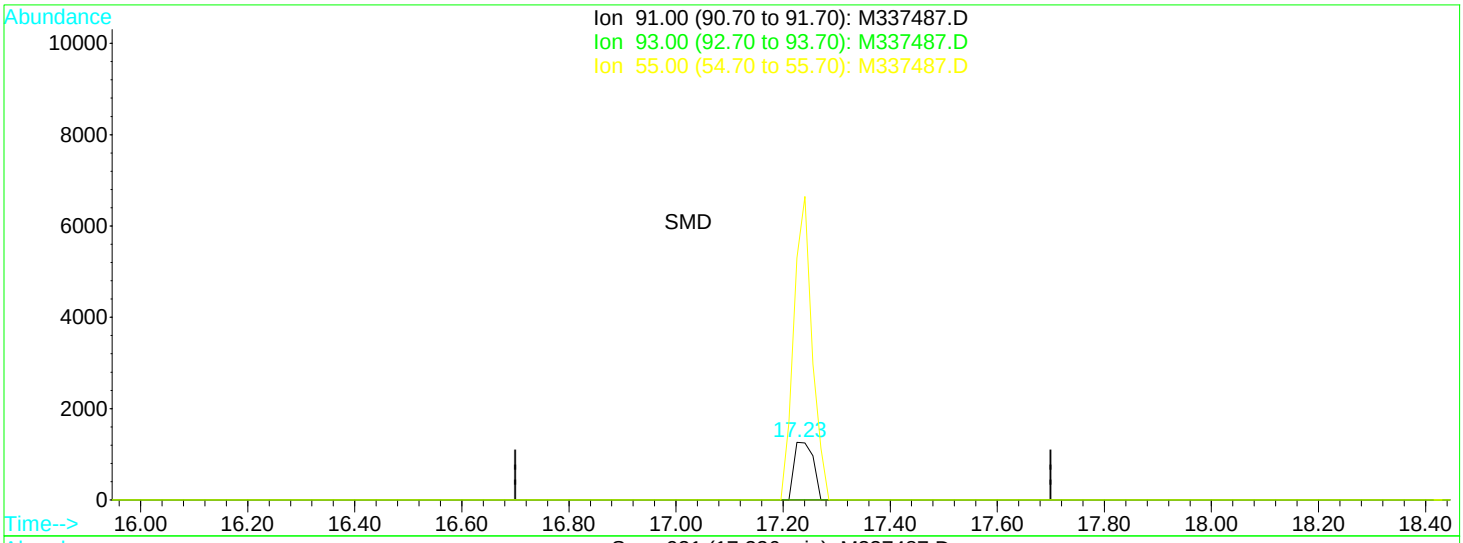
response 15947

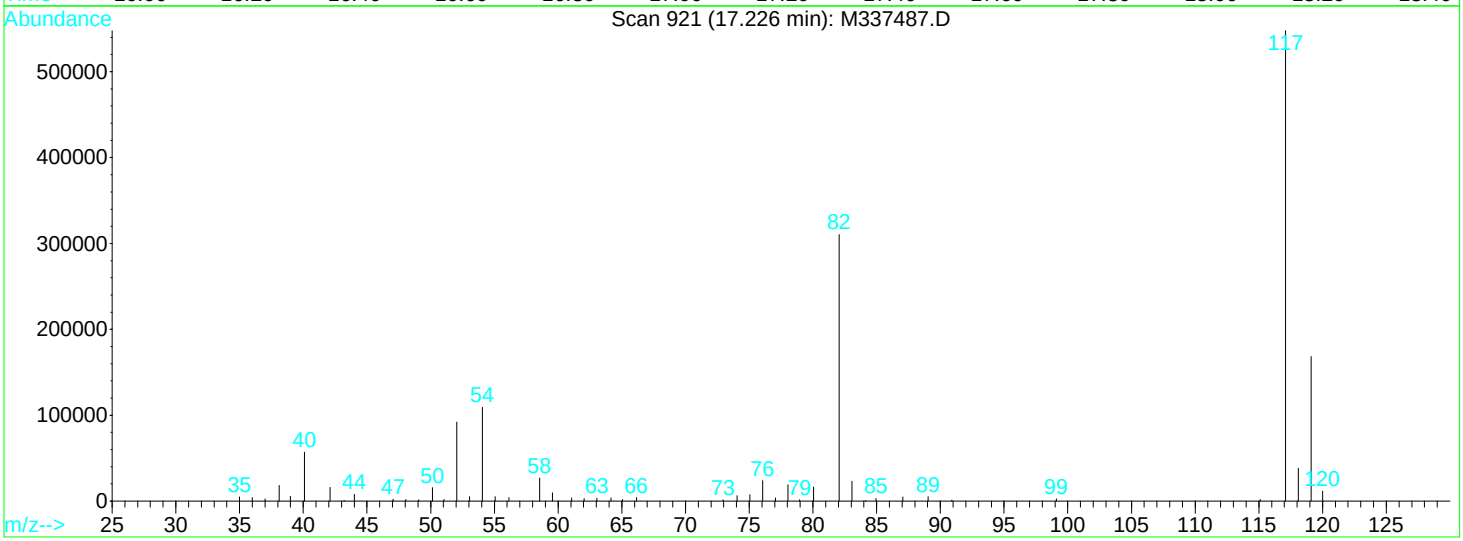
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	62.76
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:17 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337487.D

(66) 1-Chlorohexane

17.23min 0.12ug/l

response 3105

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	418.97#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:17 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

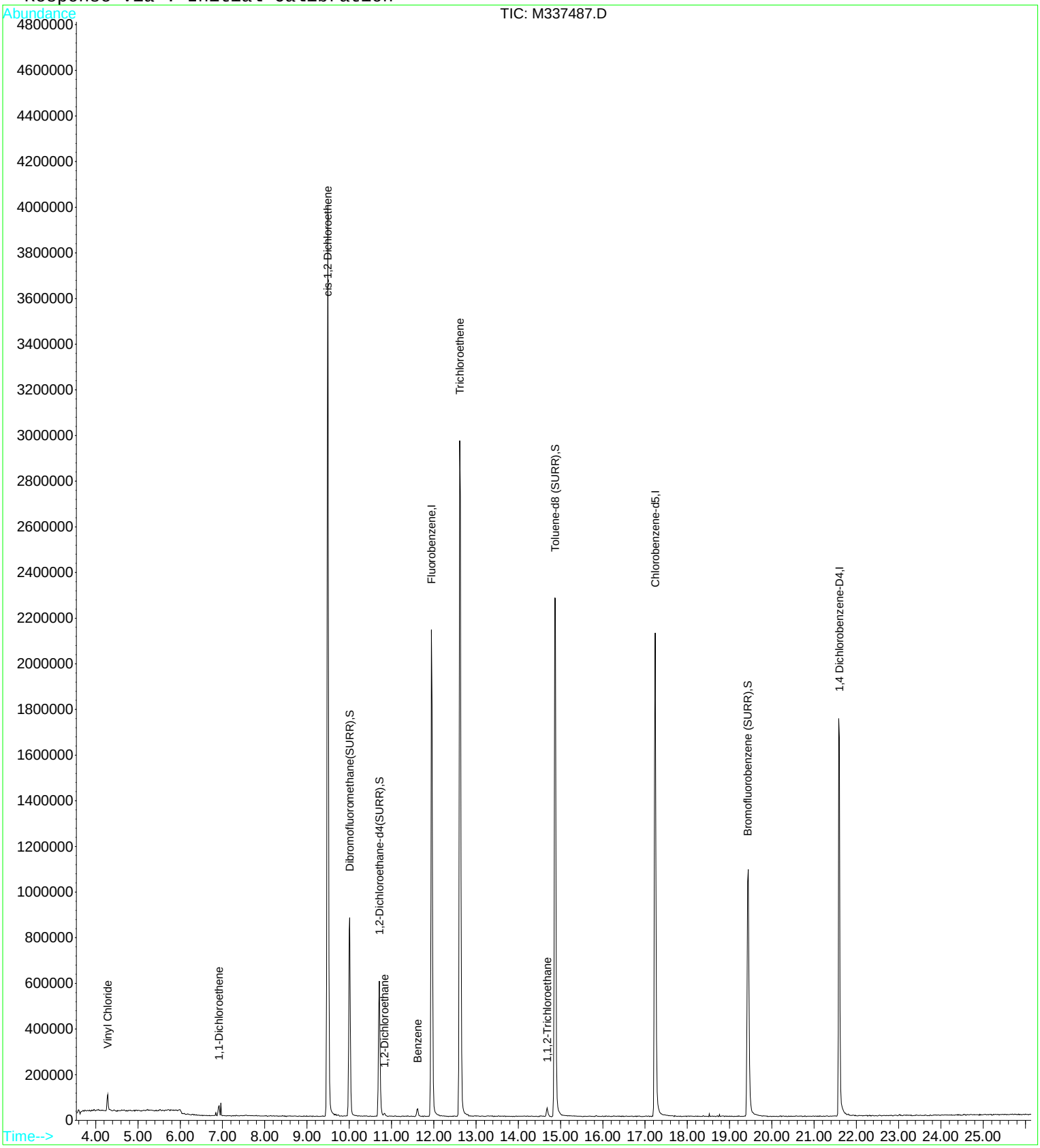
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2843987	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	1974021	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	726264	25.00	ug/l	0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	800292	22.78	ug/l	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.12%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	448466	23.29	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.16%			
59) Toluene-d8 (SURR)	14.88	98	2435557	23.93	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.72%			
75) Bromofluorobenzene (SURR)	19.43	95	811711	23.24	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.96%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.29	62	81131	3.35	ug/l	98
16) 1,1-Dichloroethene	6.92	96	26558	1.00	ug/l	90
27) cis-1,2 Dichloroethene	9.49	96	2439069	70.86	ug/l	100
40) Benzene	11.62	78	43733	0.41	ug/l	100
42) 1,2-Dichloroethane	10.83	62	11152	0.50	ug/l	88
44) Trichloroethene	12.62	95	1536722	51.85	ug/l	95
56) 1,1,2-Trichloroethane	14.68	83	17708	0.94	ug/l	88

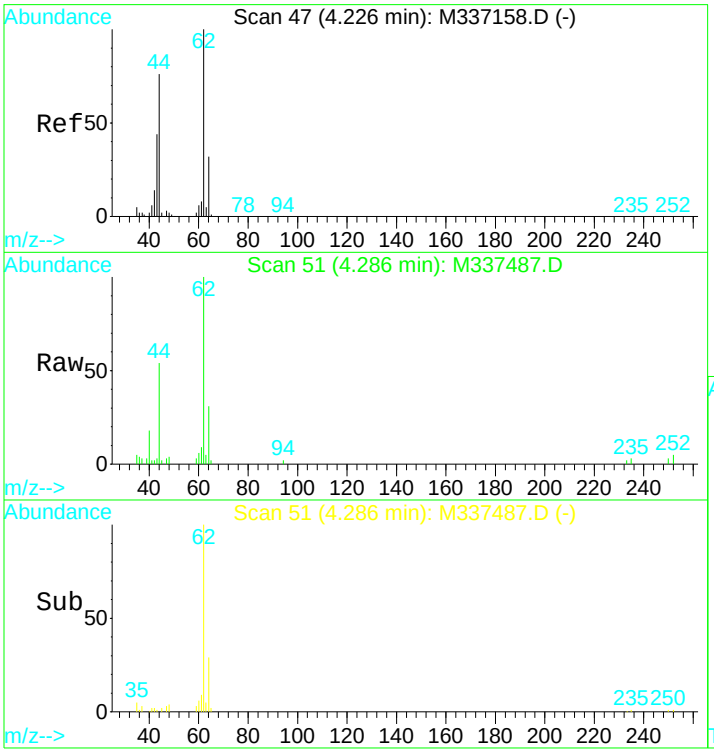
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337487.D Vial: 11
Acq On : 3 Dec 2009 1:42 pm Operator: MD
Sample : 0911321-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:17 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

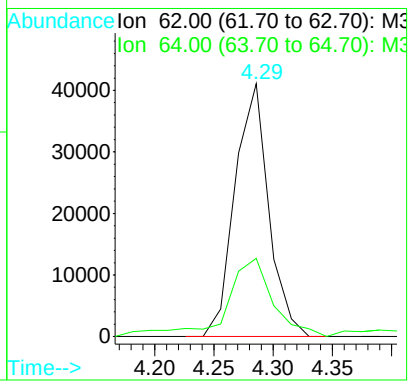


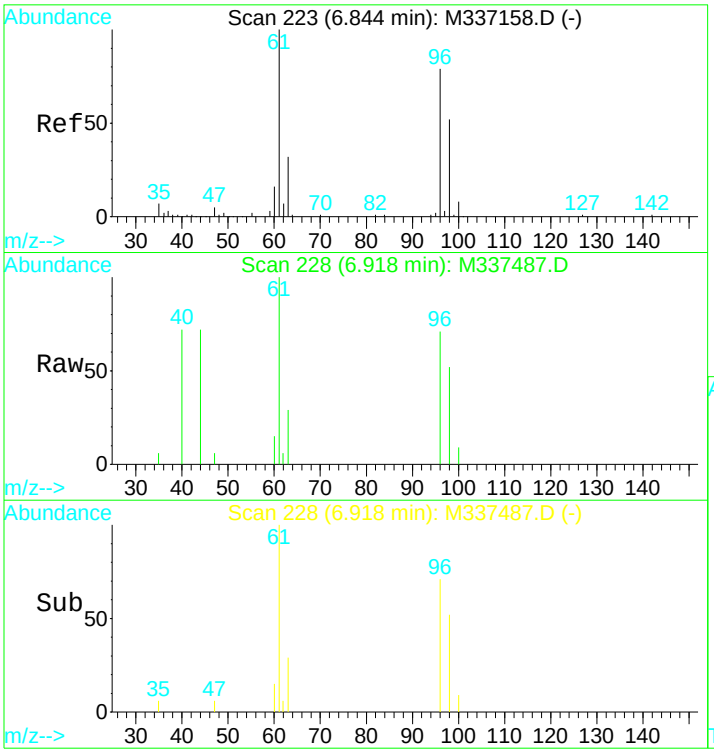


#4
Vinyl Chloride
Concen: 3.35 ug/l
RT: 4.29 min Scan# 51
Delta R.T. 0.01 min
Lab File: M337487.D
Acq: 3 Dec 2009 1:42 pm

Tgt Ion: 62 Resp: 81131

Ion	Ratio	Lower	Upper
62	100		
64	30.9	1.8	61.8

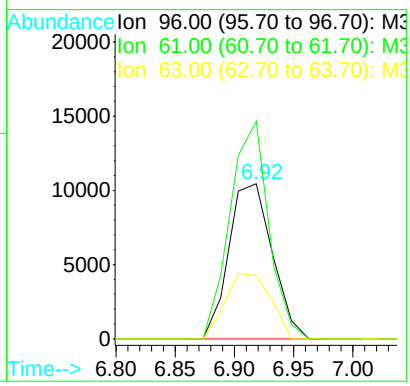


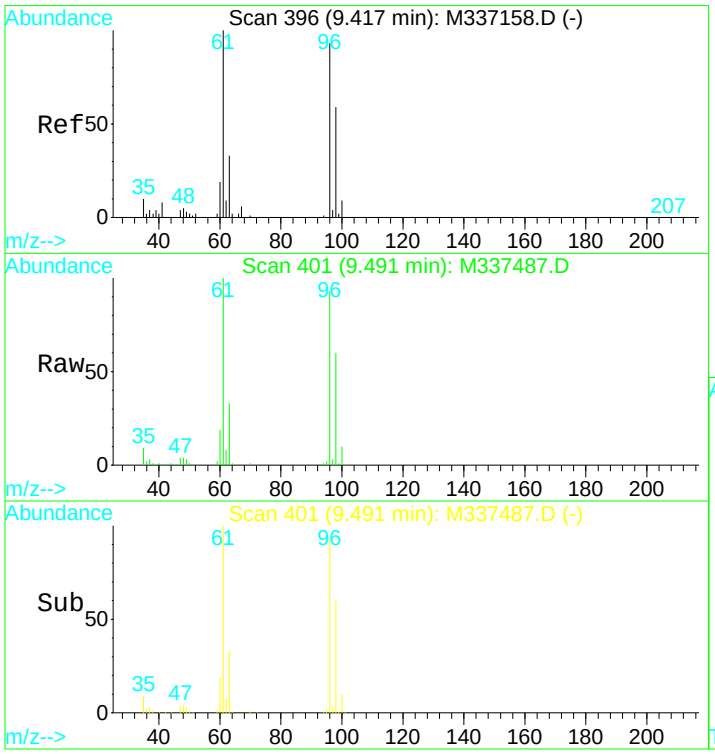


#16
1,1-Dichloroethene
Concen: 1.00 ug/l
RT: 6.92 min Scan# 228
Delta R.T. -0.00 min
Lab File: M337487.D
Acq: 3 Dec 2009 1:42 pm

Tgt Ion: 96 Resp: 26558

Ion	Ratio	Lower	Upper
96	100		
61	140.4	96.1	156.1
63	40.9	10.0	70.0

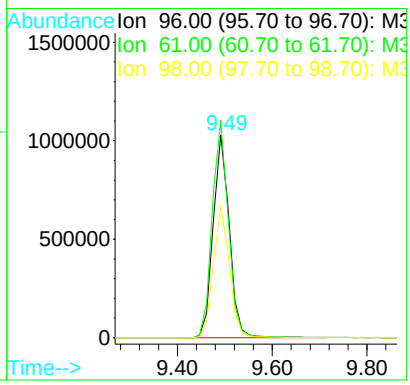


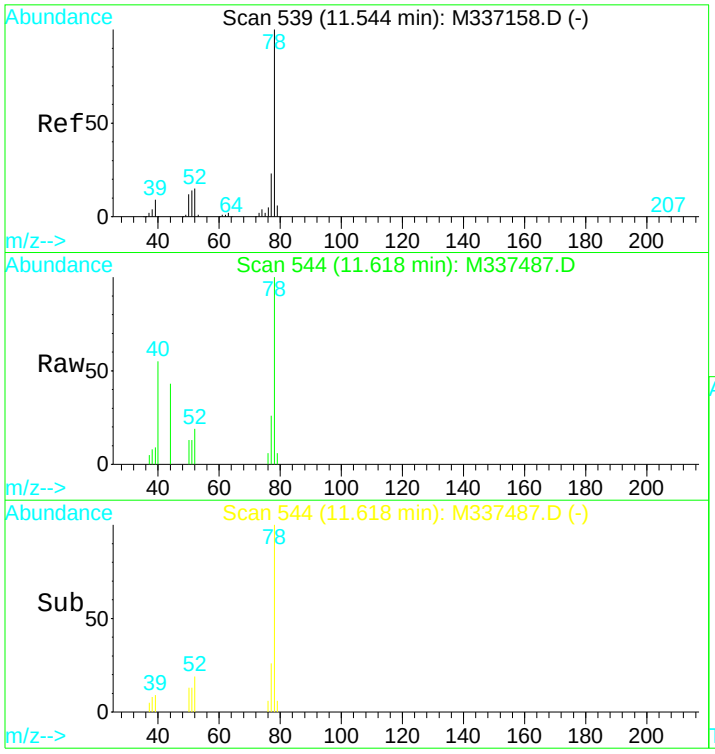


#27
cis-1,2 Dichloroethene
Concen: 70.86 ug/l
RT: 9.49 min Scan# 401
Delta R.T. -0.00 min
Lab File: M337487.D
Acq: 3 Dec 2009 1:42 pm

Tgt Ion: 96 Resp: 2439069

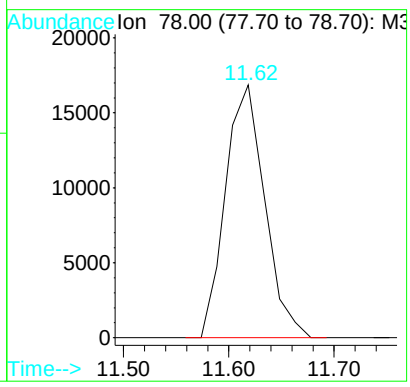
Ion	Ratio	Lower	Upper
96	100		
61	107.2	77.5	137.5
98	64.4	33.9	93.9

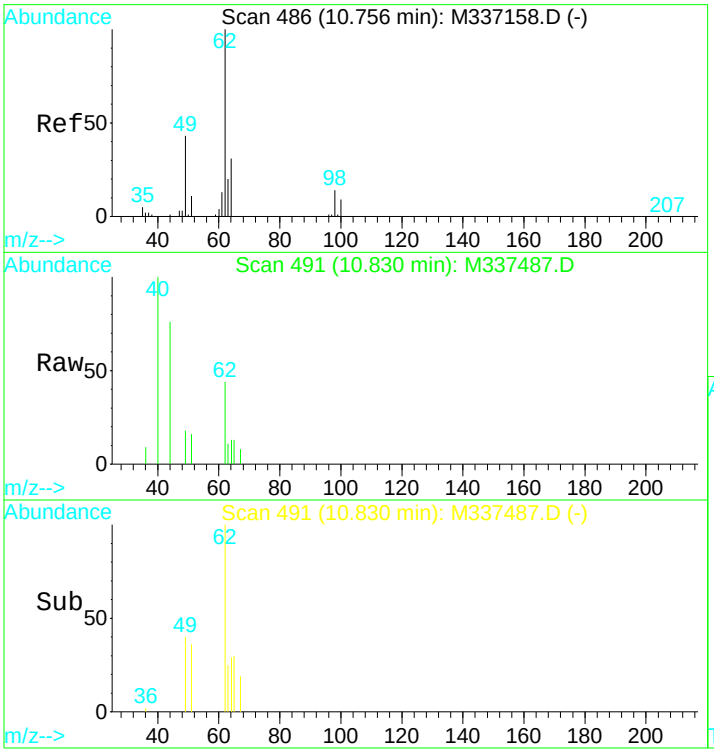




#40
Benzene
Concen: 0.41 ug/l
RT: 11.62 min Scan# 544
Delta R.T. 0.01 min
Lab File: M337487.D
Acq: 3 Dec 2009 1:42 pm

Tgt Ion: 78 Resp: 43733

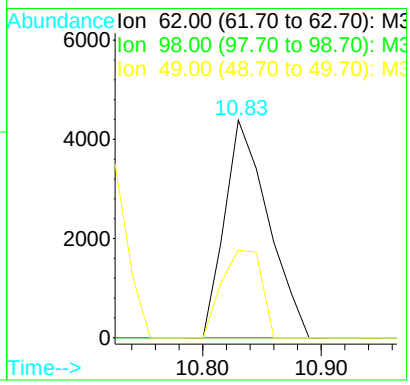


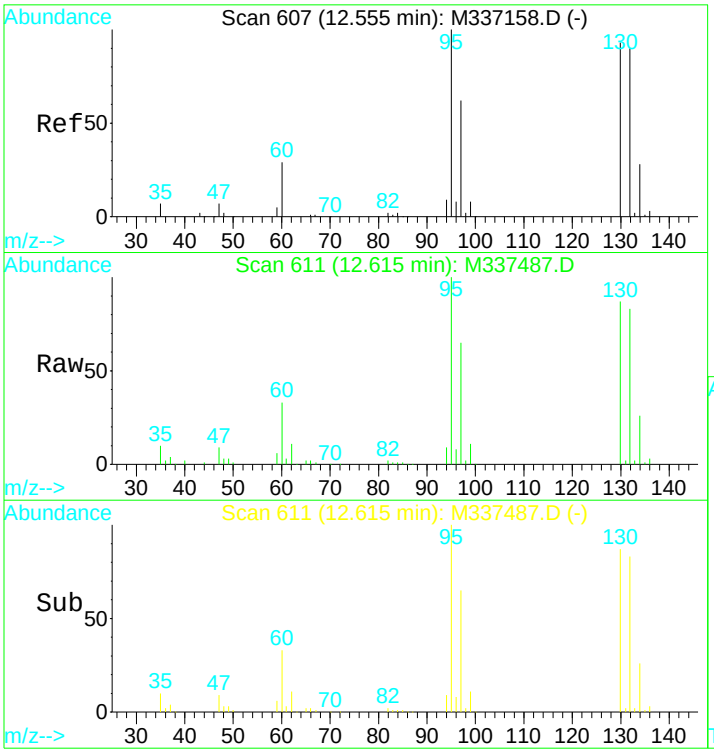


#42
1,2-Dichloroethane
Concen: 0.50 ug/l
RT: 10.83 min Scan# 491
Delta R.T. -0.00 min
Lab File: M337487.D
Acq: 3 Dec 2009 1:42 pm

Tgt Ion: 62 Resp: 11152

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	44.4
49	40.3	13.0	73.0

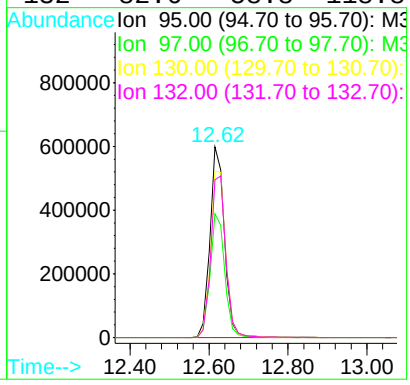


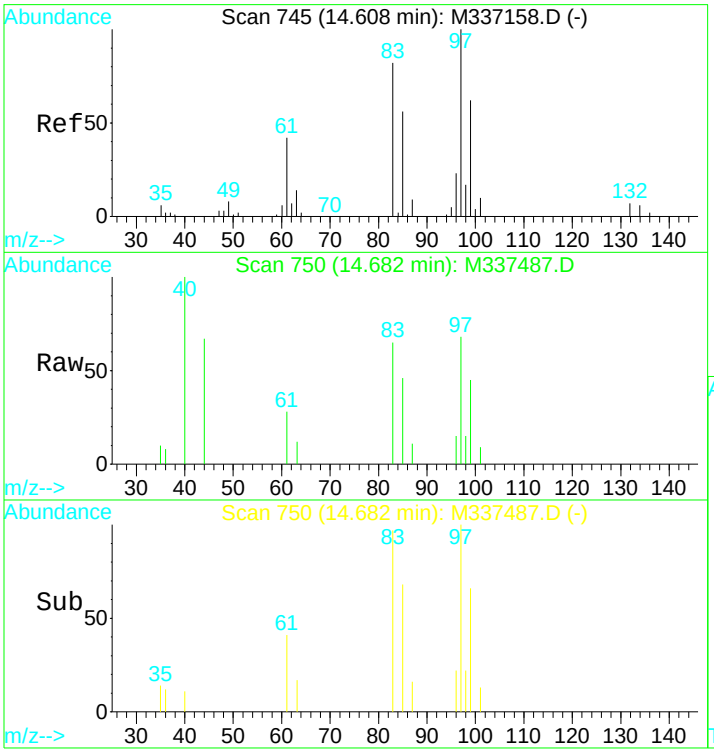


#44
Trichloroethene
Concen: 51.85 ug/l
RT: 12.62 min Scan# 611
Delta R.T. -0.00 min
Lab File: M337487.D
Acq: 3 Dec 2009 1:42 pm

Tgt Ion: 95 Resp: 1536722

Ion	Ratio	Lower	Upper
95	100		
97	64.9	35.0	95.0
130	87.2	62.7	122.7
132	82.6	58.8	118.8

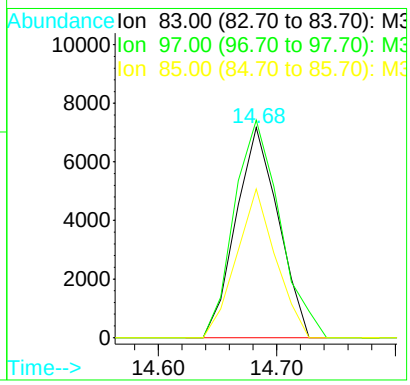




#56
1,1,2-Trichloroethane
Concen: 0.94 ug/l
RT: 14.68 min Scan# 750
Delta R.T. 0.01 min
Lab File: M337487.D
Acq: 3 Dec 2009 1:42 pm

Tgt Ion: 83 Resp: 17708

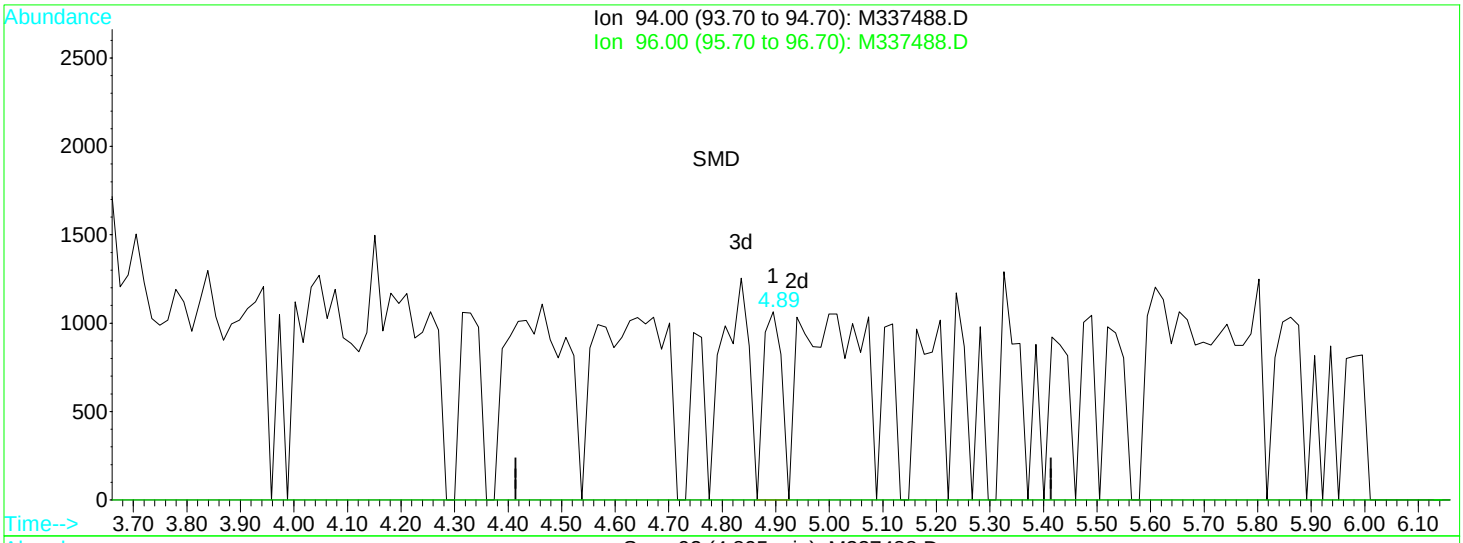
Ion	Ratio	Lower	Upper
83	100		
97	103.6	91.3	151.3
85	70.8	37.4	97.4

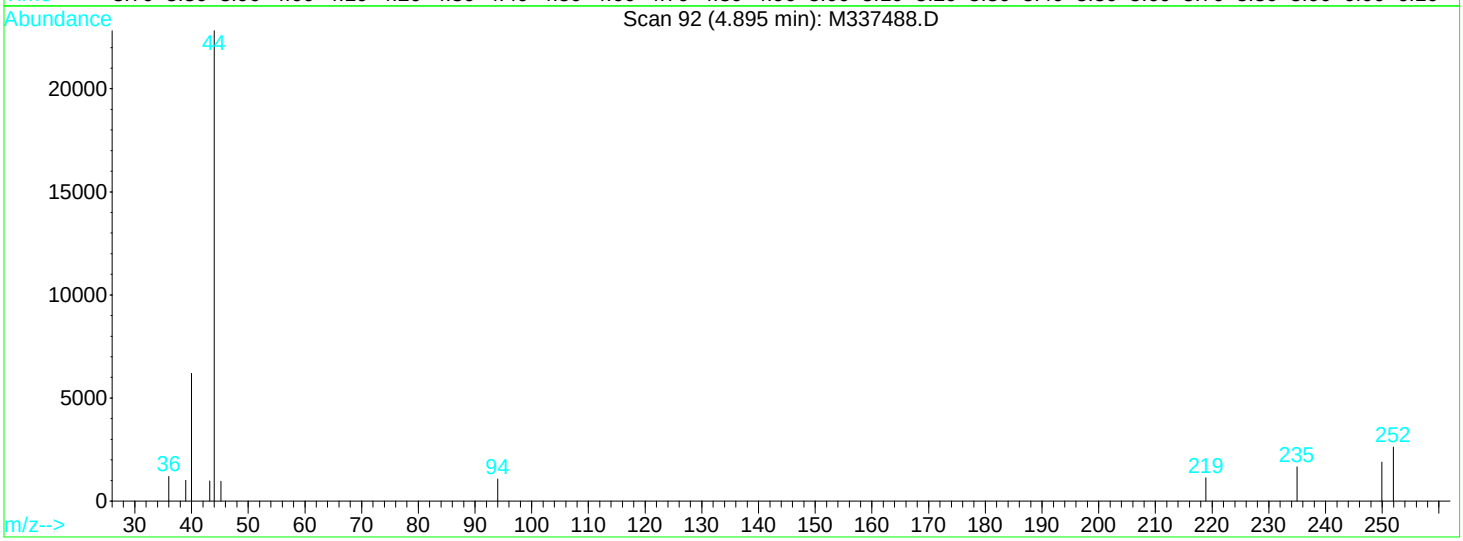


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 14:44 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337488.D

(5) Bromomethane

4.89min 0.14ug/l

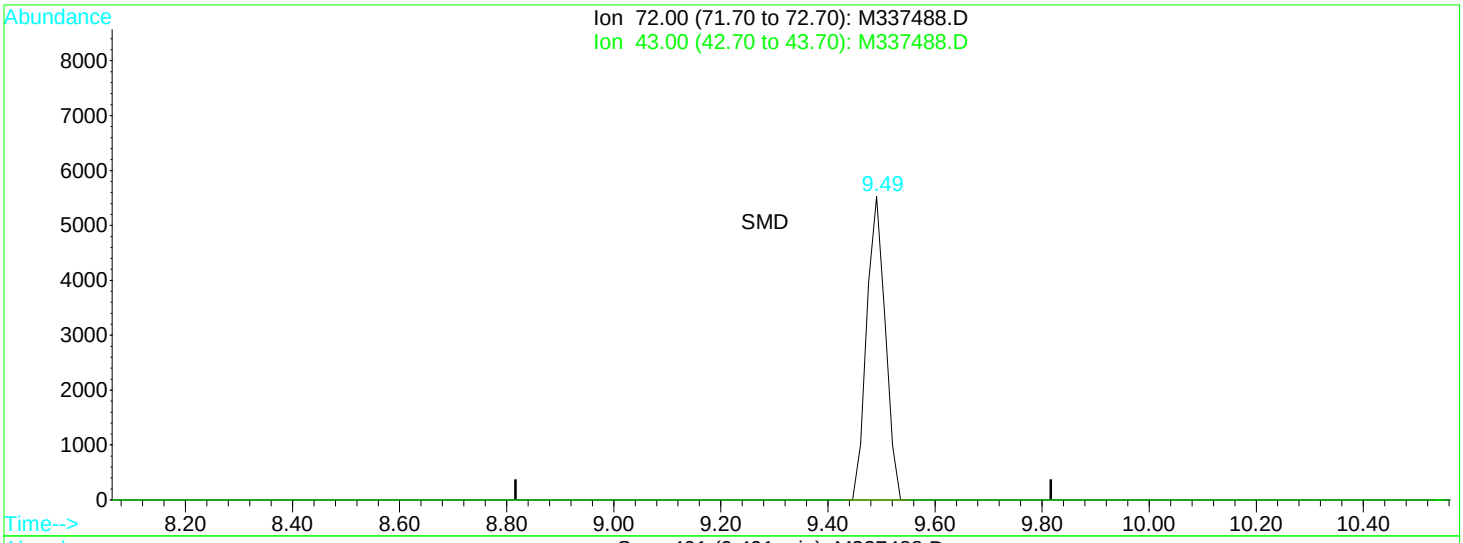
response 2532

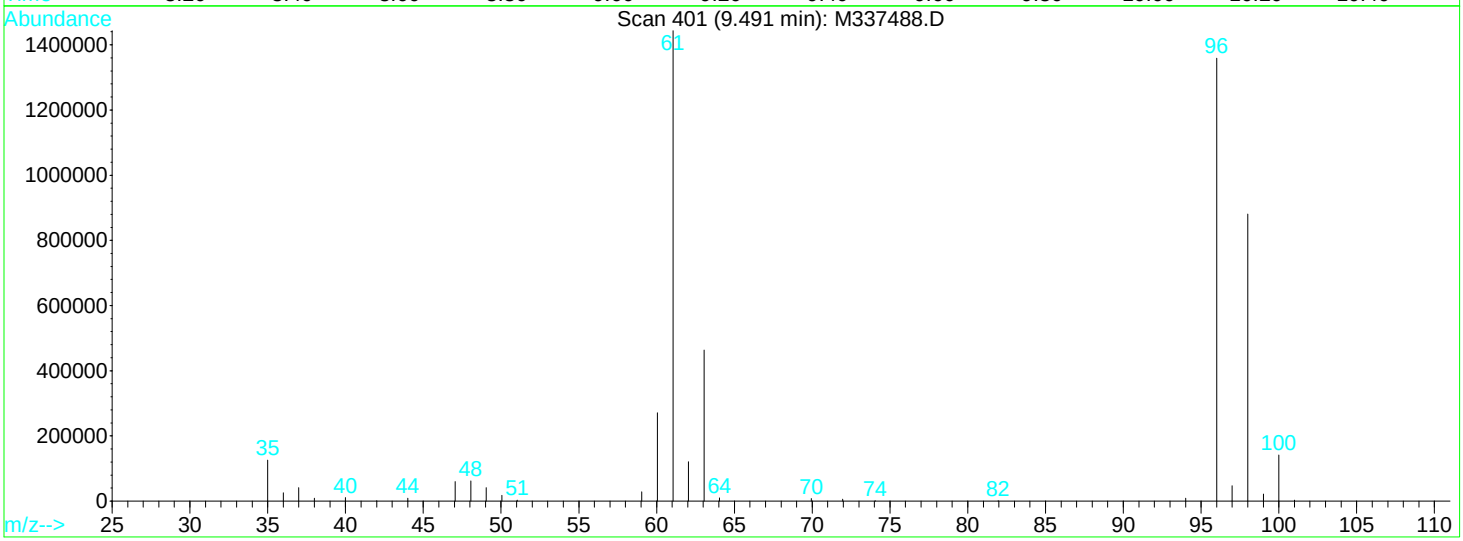
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337488.D

(24) 2-Butanone

9.49min 9.35ug/l

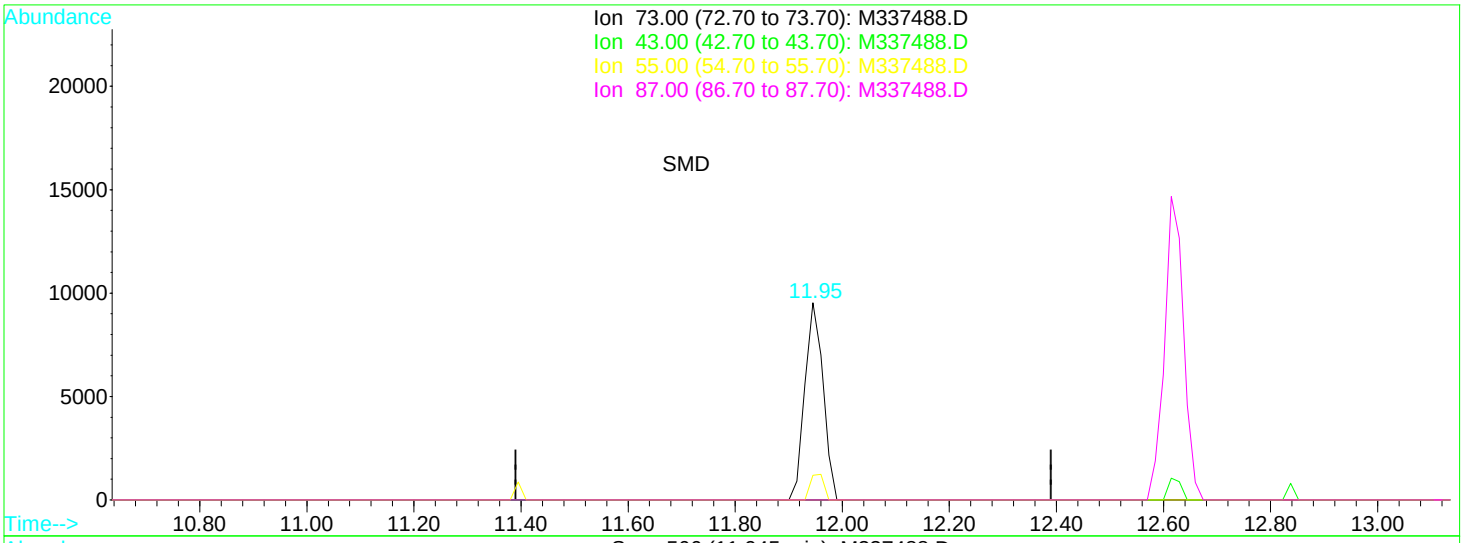
response 13272

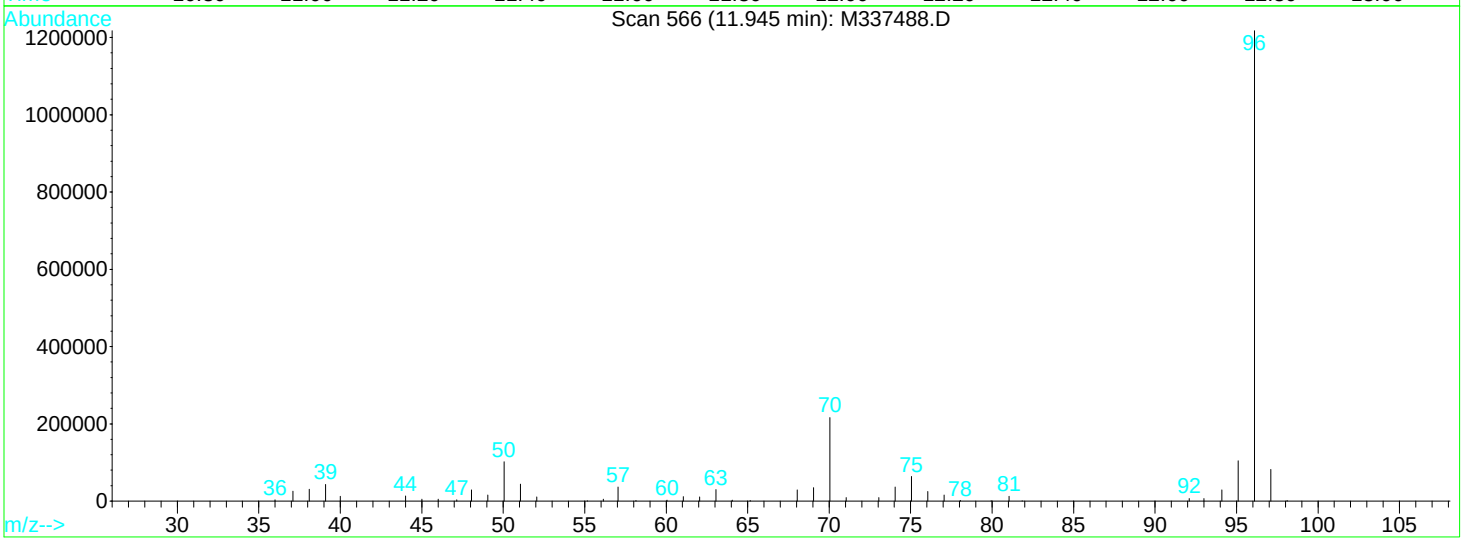
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337488.D

(43) Tertiary-amyl methyl ether

11.95min 0.48ug/l

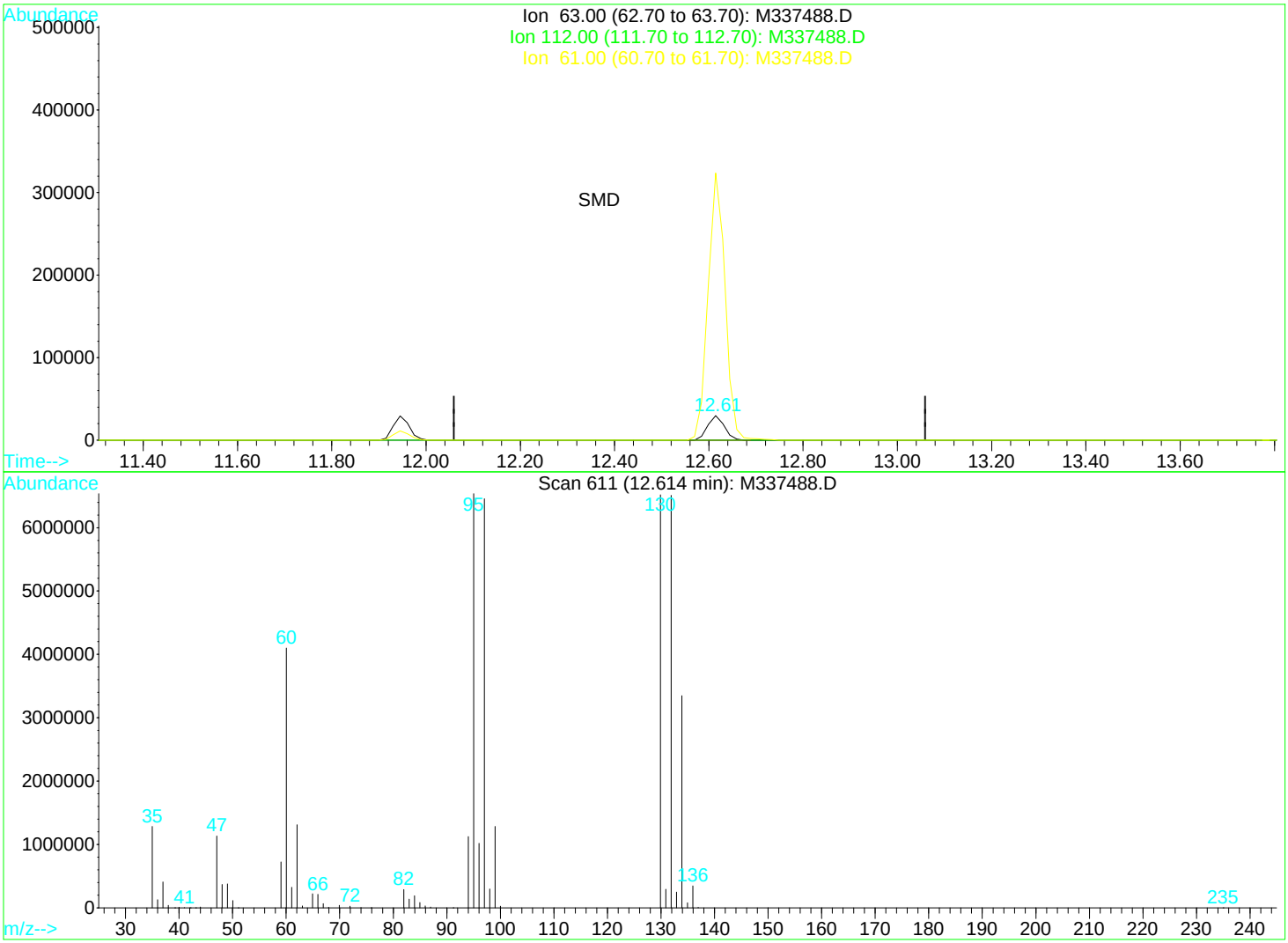
response 22524

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	12.58
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337488.D

(45) 1,2-Dichloropropane

12.61min 2.55ug/l

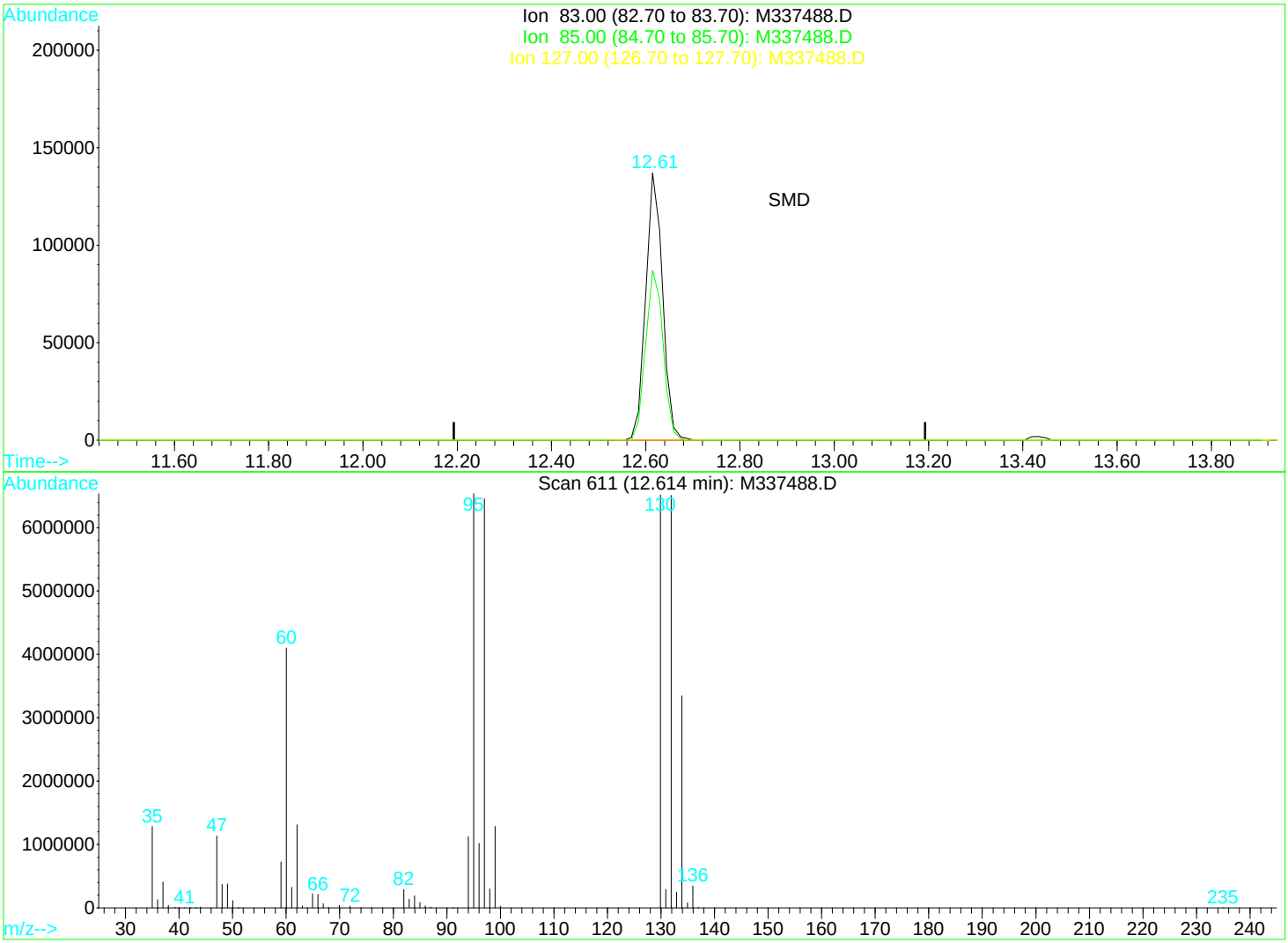
response 72922

Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1089.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337488.D

(48) Bromodichloromethane

12.61min 10.09ug/l

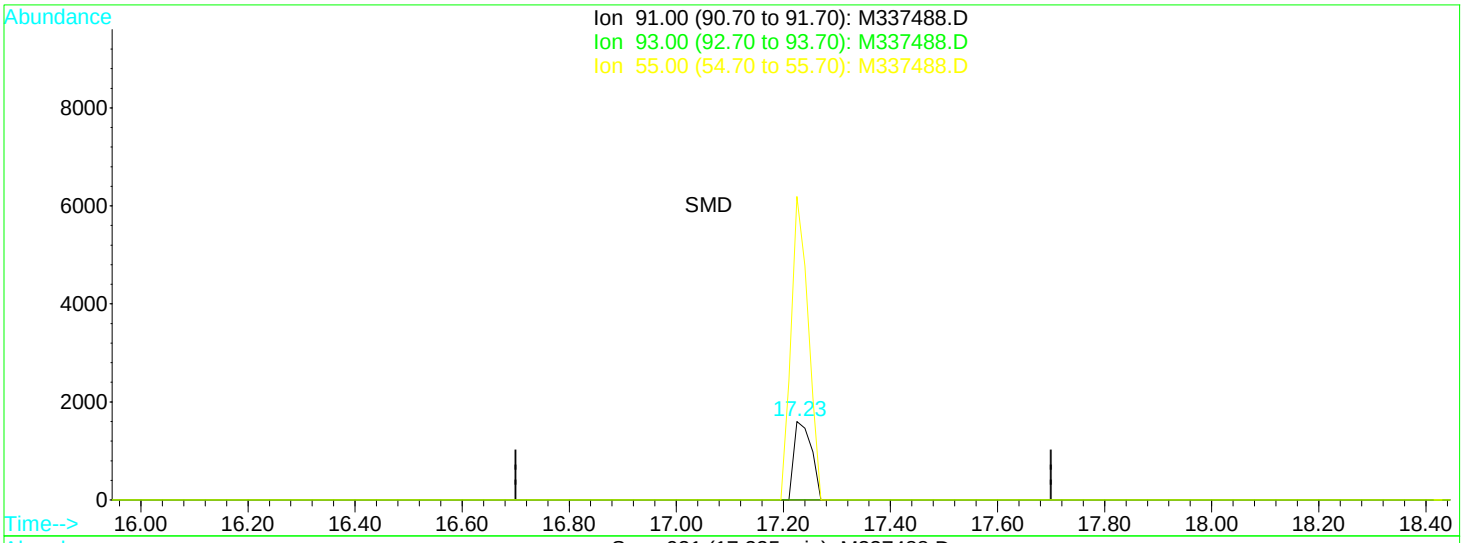
response 338702

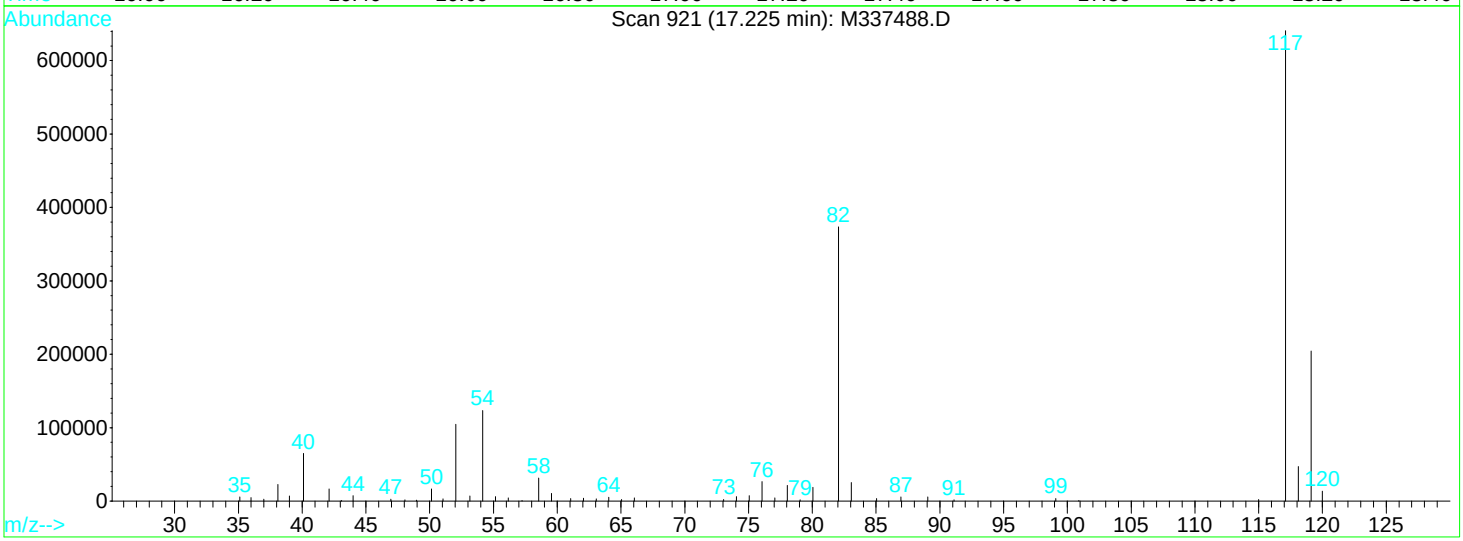
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	63.43
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337488.D

(66) 1-Chlorohexane

17.23min 0.14ug/l

response 3603

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	387.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:19 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

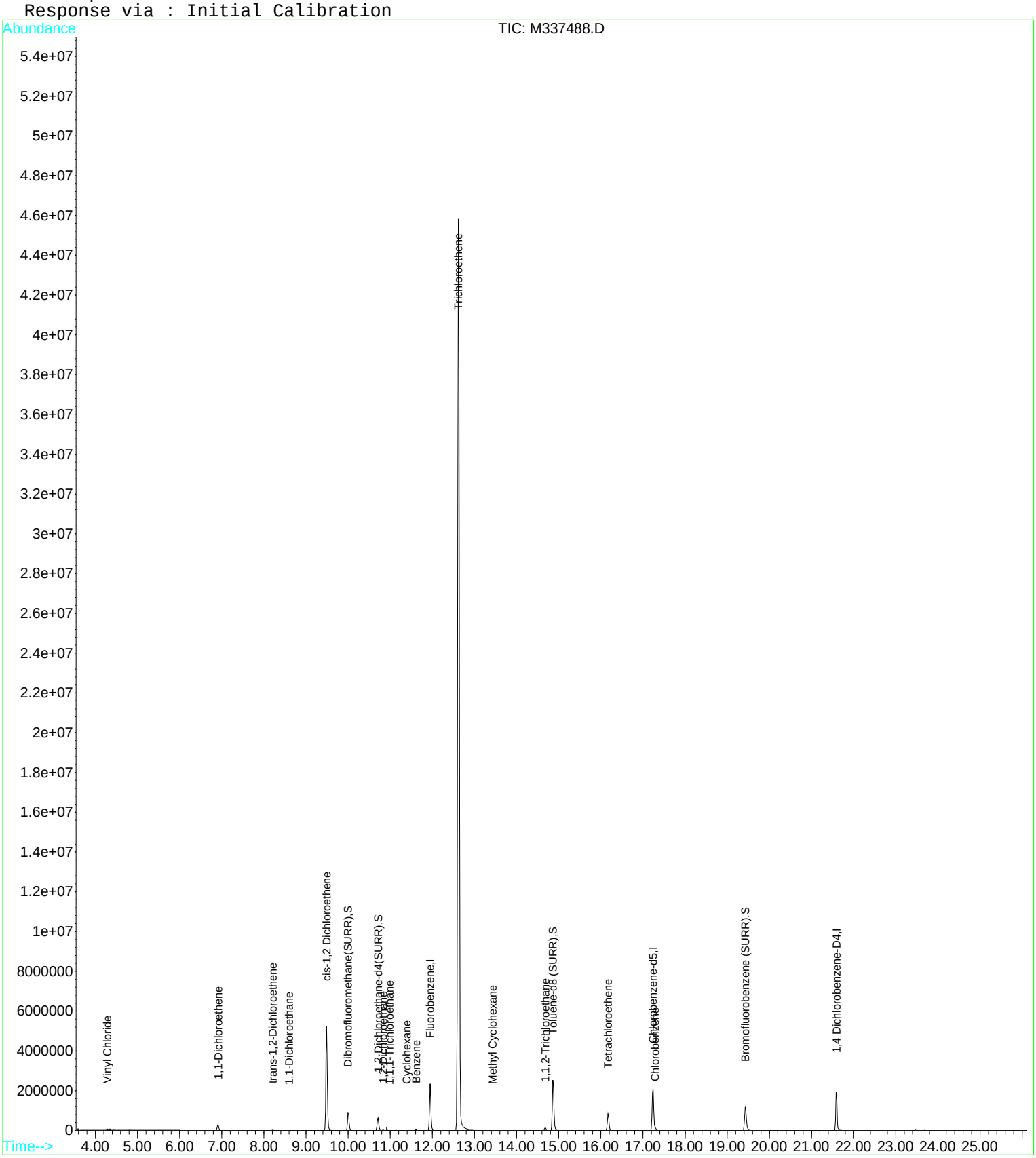
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.95	96	2994243	25.00	ug/l		0.00
58) Chlorobenzene-d5	17.24	117	2013580	25.00	ug/l		0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	750889	25.00	ug/l		0.01
System Monitoring Compounds							
34) Dibromofluoromethane(SURR)	10.00	111	825891	22.33	ug/l		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.32%				
41) 1,2-Dichloroethane-d4(SURR	10.71	65	472072	23.28	ug/l		0.00
Spiked Amount 25.000			Recovery = 93.12%				
59) Toluene-d8 (SURR)	14.86	98	2503952	24.12	ug/l		-0.02
Spiked Amount 25.000			Recovery = 96.48%				
75) Bromofluorobenzene (SURR)	19.43	95	840403	23.59	ug/l		0.00
Spiked Amount 25.000			Recovery = 94.36%				
Target Compounds							Qvalue
4) Vinyl Chloride	4.29	62	44406	1.74	ug/l		85
16) 1,1-Dichloroethene	6.92	96	164122	5.86	ug/l		93
20) trans-1,2-Dichloroethene	8.21	96	22062	0.71	ug/l		97
21) 1,1-Dichloroethane	8.60	63	5093	0.11	ug/l		88
27) cis-1,2 Dichloroethene	9.49	96	3212608	88.65	ug/l		99
36) 1,1,1-Trichloroethane	10.98	97	3634	0.11	ug/l	#	73
38) Cyclohexane	11.39	56	4799	0.16	ug/l		89
40) Benzene	11.62	78	69944	0.63	ug/l		100
42) 1,2-Dichloroethane	10.83	62	40175	1.71	ug/l		93
44) Trichloroethene	12.61	95	22709880	727.77	ug/l	#	82
52) Methyl Cyclohexane	13.43	83	4541	0.19	ug/l		83
56) 1,1,2-Trichloroethane	14.68	83	52052	2.62	ug/l		96
63) Tetrachloroethene	16.17	164	286325	15.26	ug/l		98
67) Chlorobenzene	17.28	112	52816	0.66	ug/l		93

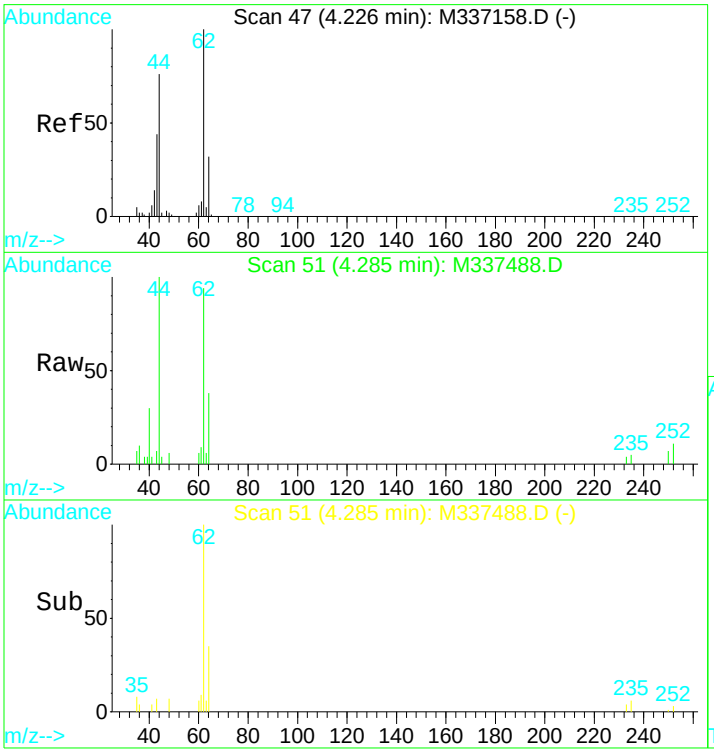
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337488.D Vial: 12
Acq On : 3 Dec 2009 2:14 pm Operator: MD
Sample : 0911321-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:19 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

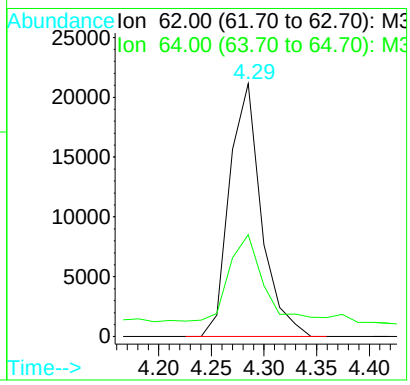


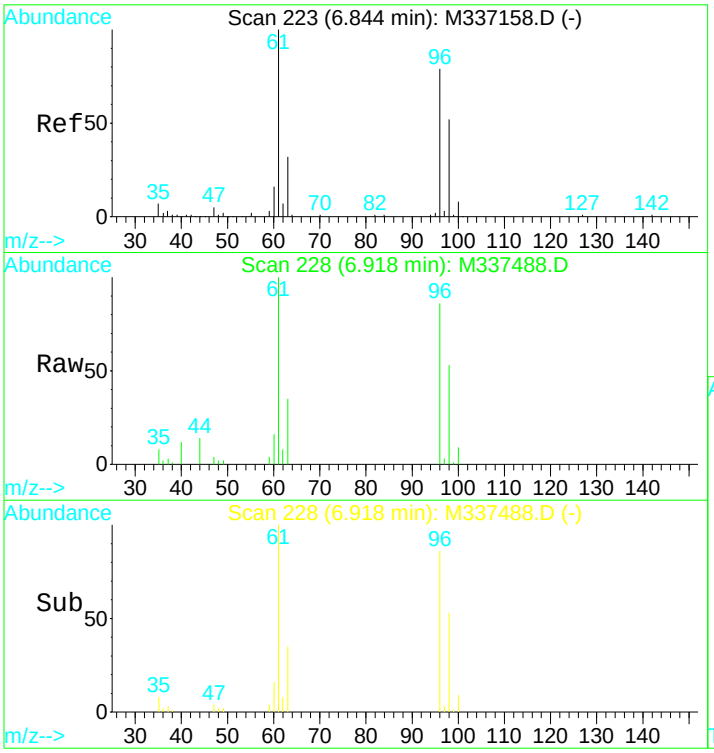


#4
Vinyl Chloride
Concen: 1.74 ug/l
RT: 4.29 min Scan# 51
Delta R.T. 0.01 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 62 Resp: 44406

Ion	Ratio	Lower	Upper
62	100		
64	40.3	1.8	61.8

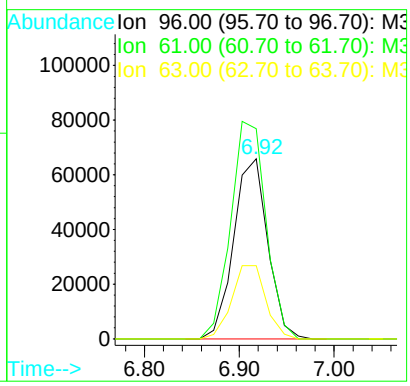


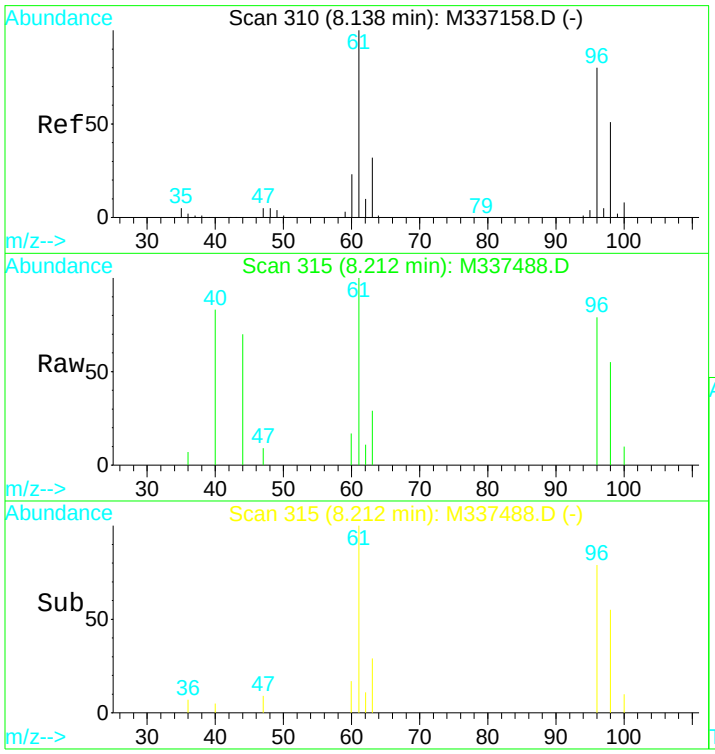


#16
1,1-Dichloroethene
Concen: 5.86 ug/l
RT: 6.92 min Scan# 228
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 96 Resp: 164122

Ion	Ratio	Lower	Upper
96	100		
61	116.7	96.1	156.1
63	40.7	10.0	70.0

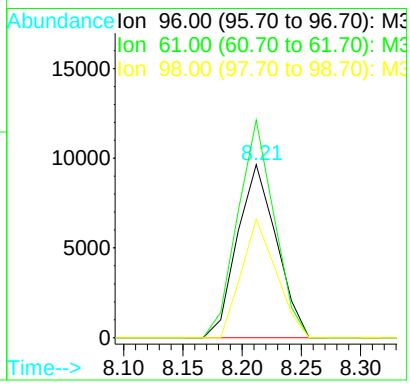


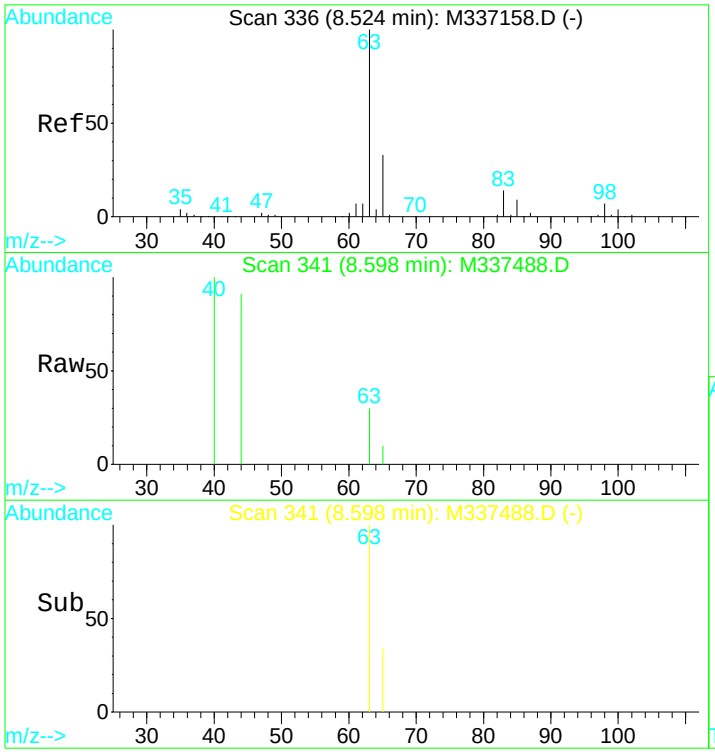


#20
trans-1,2-Dichloroethene
Concen: 0.71 ug/l
RT: 8.21 min Scan# 315
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 96 Resp: 22062

Ion	Ratio	Lower	Upper
96	100		
61	125.8	95.0	155.0
98	68.6	33.4	93.4

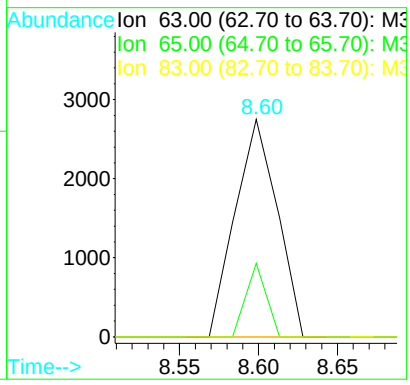


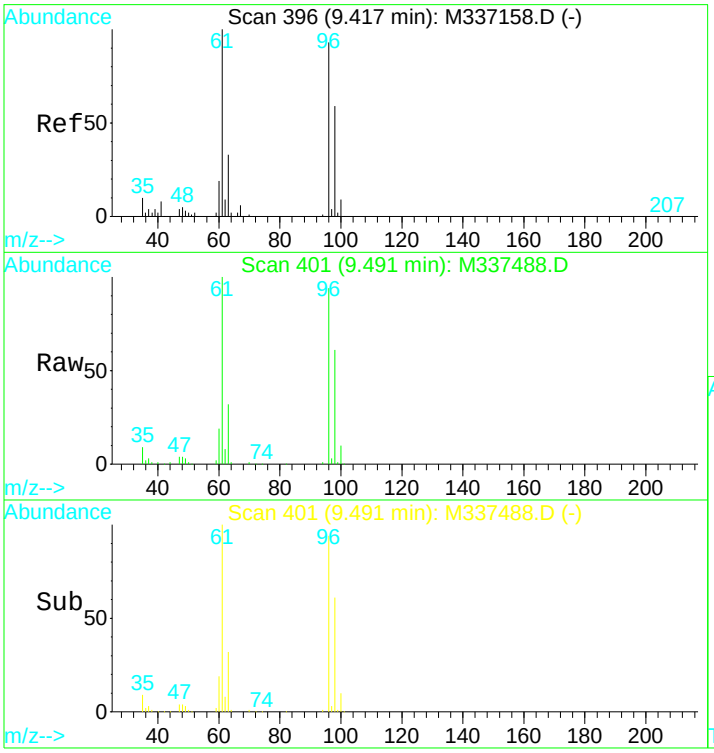


#21
1,1-Dichloroethane
Concen: 0.11 ug/l
RT: 8.60 min Scan# 341
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 63 Resp: 5093

Ion	Ratio	Lower	Upper
63	100		
65	33.8	2.9	62.9
83	0.0	0.0	44.2

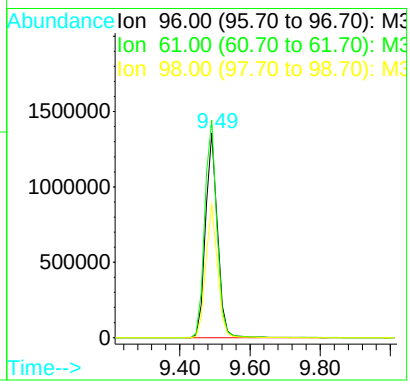


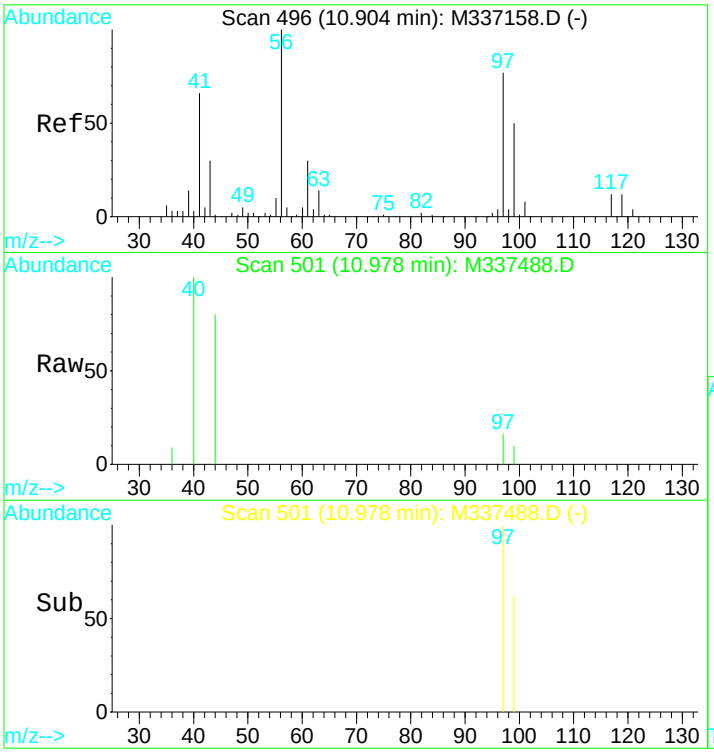


#27
cis-1,2 Dichloroethene
Concen: 88.65 ug/l
RT: 9.49 min Scan# 401
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 96 Resp: 3212608

Ion	Ratio	Lower	Upper
96	100		
61	106.2	77.5	137.5
98	64.8	33.9	93.9

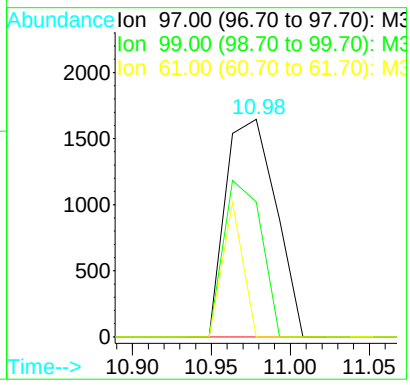


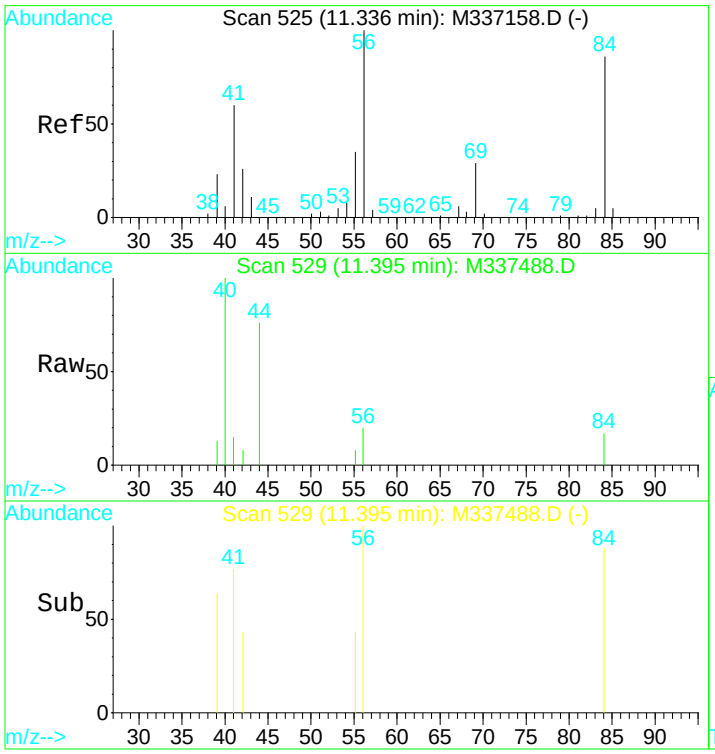


#36
1,1,1-Trichloroethane
Concen: 0.11 ug/l
RT: 10.98 min Scan# 501
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 97 Resp: 3634

Ion	Ratio	Lower	Upper
97	100		
99	62.0	34.9	94.9
61	0.0	9.8	69.8#

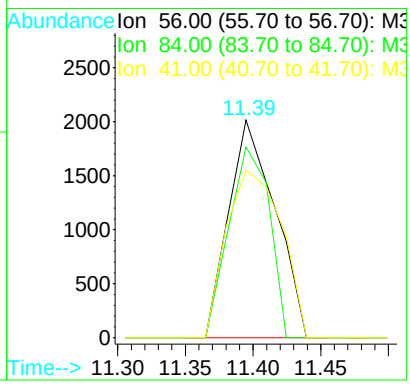


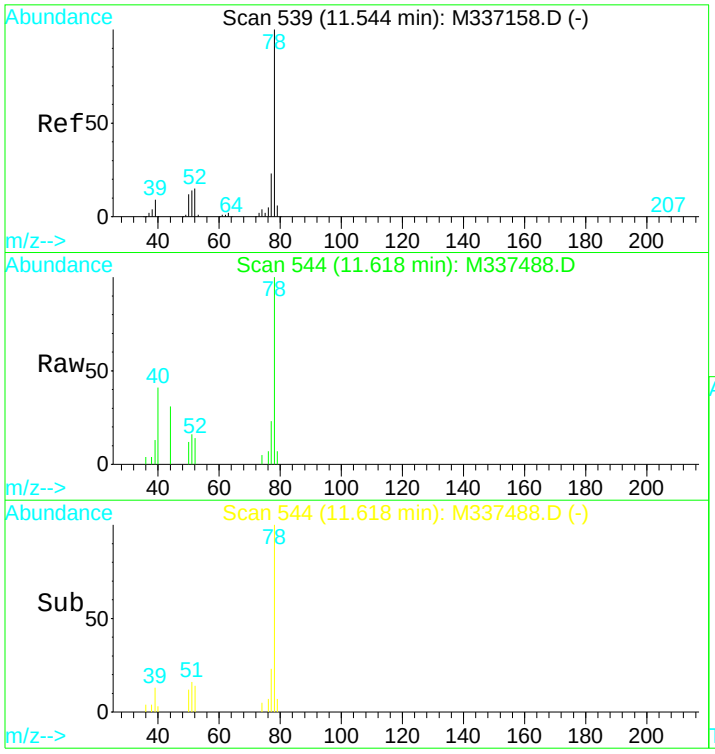


#38
Cyclohexane
Concen: 0.16 ug/l
RT: 11.39 min Scan# 529
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 56 Resp: 4799

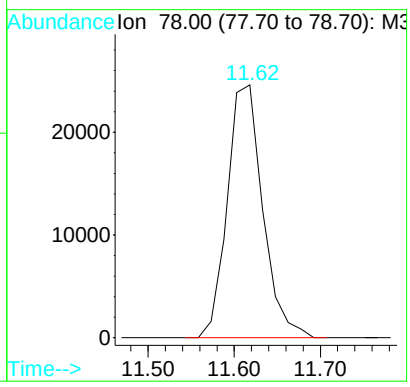
Ion	Ratio	Lower	Upper
56	100		
84	87.6	55.5	115.5
41	77.1	30.1	90.1

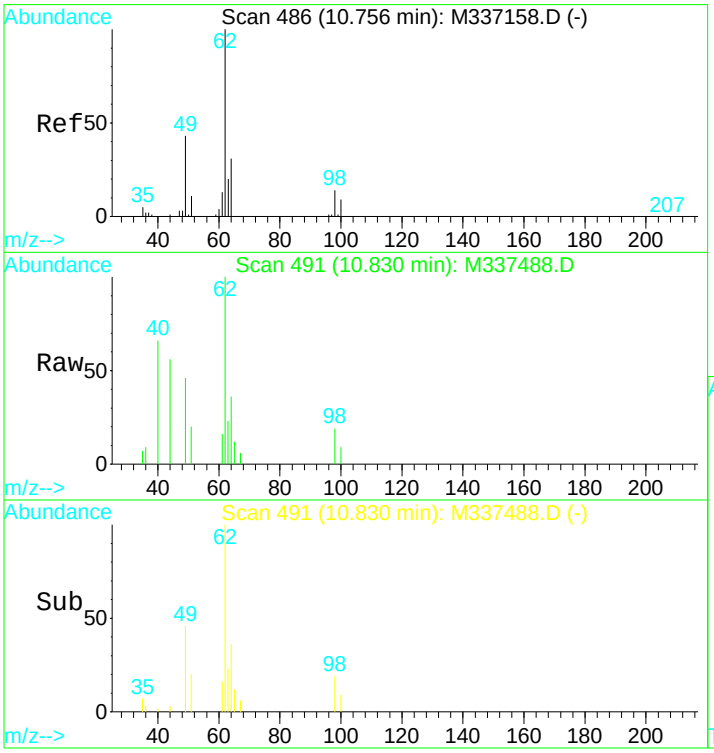




#40
Benzene
Concen: 0.63 ug/l
RT: 11.62 min Scan# 544
Delta R.T. 0.01 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 78 Resp: 69944

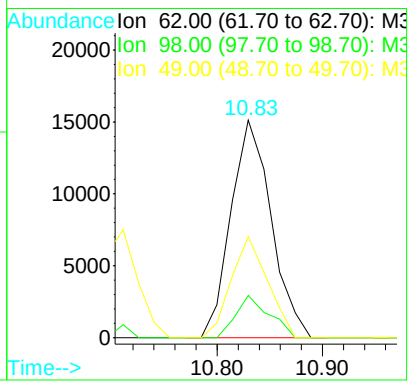


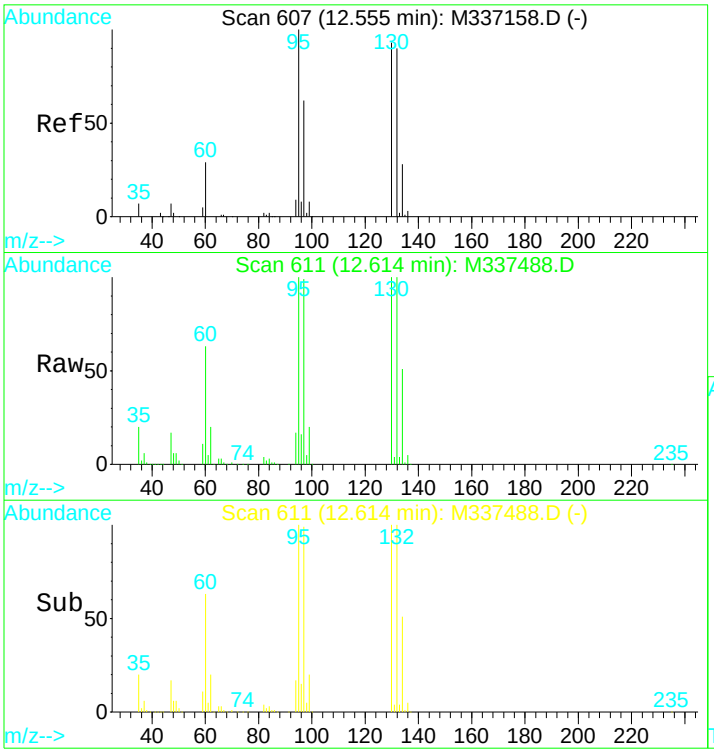


#42
1,2-Dichloroethane
Concen: 1.71 ug/l
RT: 10.83 min Scan# 491
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 62 Resp: 40175

Ion	Ratio	Lower	Upper
62	100		
98	19.4	0.0	44.4
49	46.4	13.0	73.0

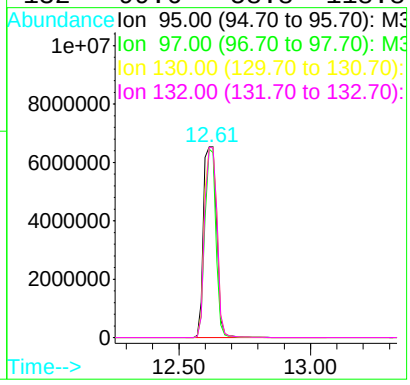


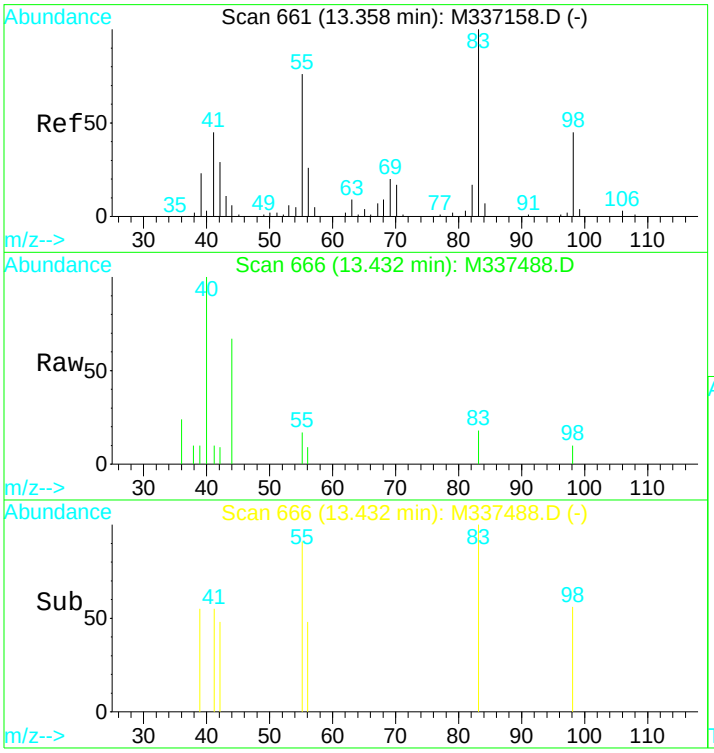


#44
Trichloroethene
Concen: 727.77 ug/l
RT: 12.61 min Scan# 611
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 95 Resp:22709880

Ion	Ratio	Lower	Upper
95	100		
97	98.8	35.0	95.0#
130	99.7	62.7	122.7
132	99.6	58.8	118.8

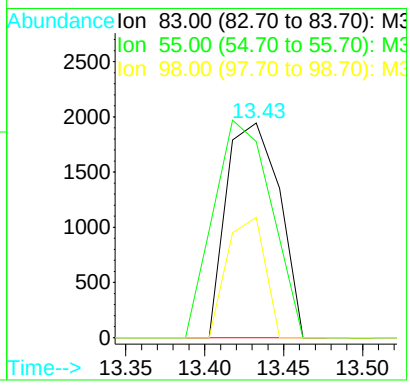


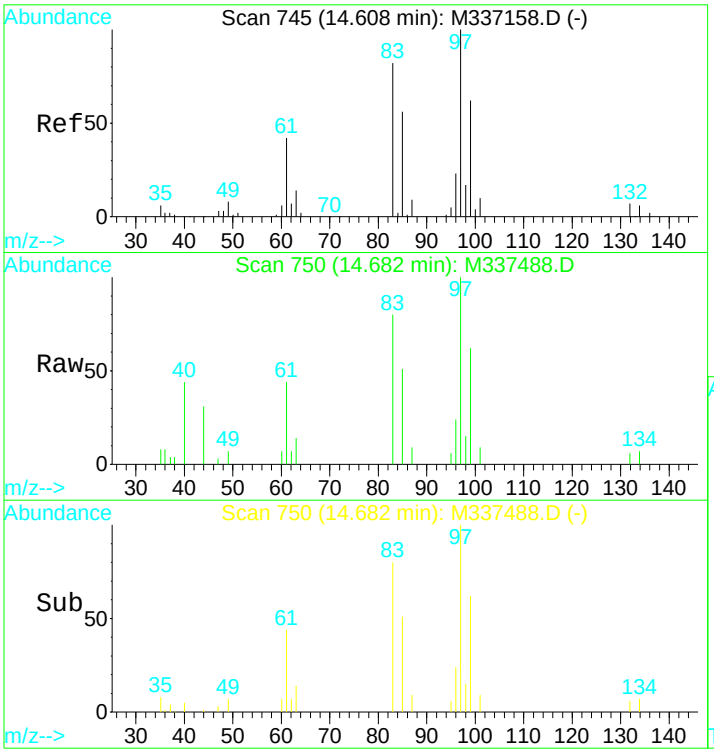


#52
Methyl Cyclohexane
Concen: 0.19 ug/l
RT: 13.43 min Scan# 666
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 83 Resp: 4541

Ion	Ratio	Lower	Upper
83	100		
55	91.3	46.4	106.4
98	55.9	15.4	75.4

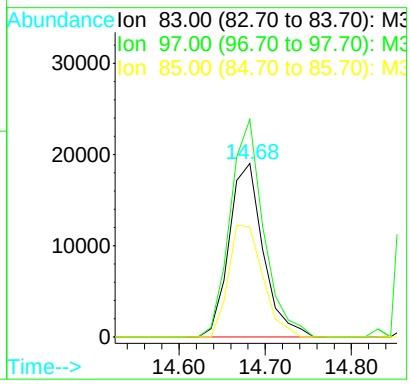


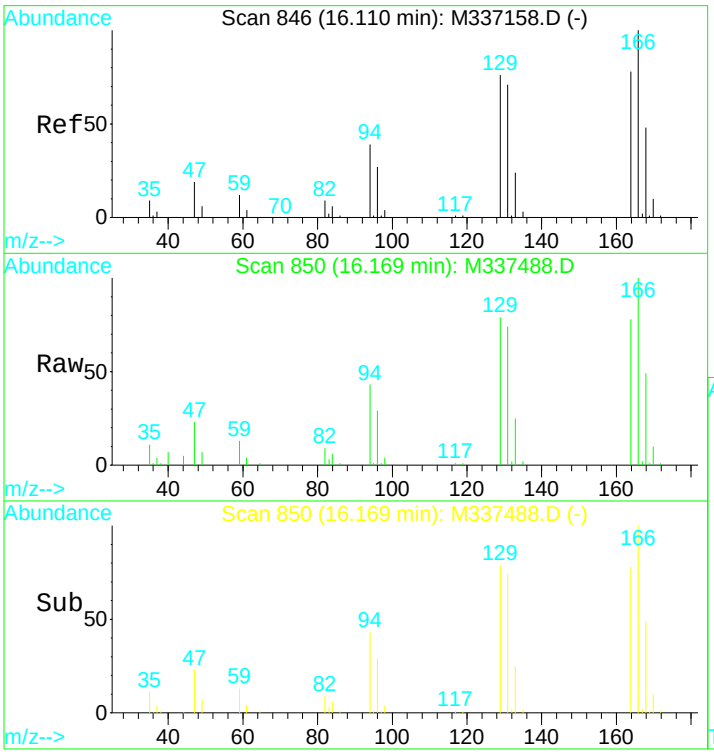


#56
1,1,2-Trichloroethane
Concen: 2.62 ug/l
RT: 14.68 min Scan# 750
Delta R.T. 0.01 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion: 83 Resp: 52052

Ion	Ratio	Lower	Upper
83	100		
97	125.6	91.3	151.3
85	63.6	37.4	97.4

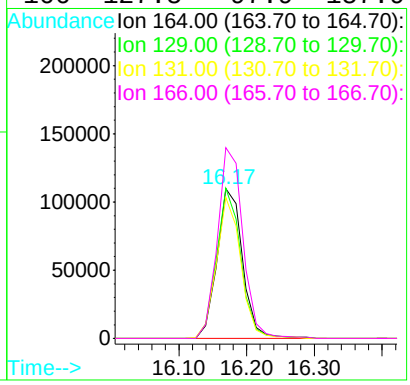


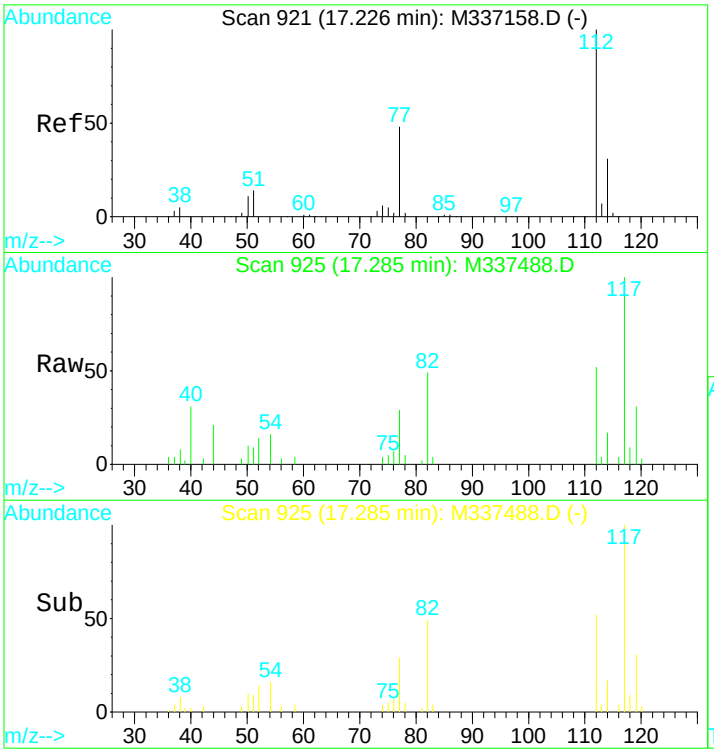


#63
Tetrachloroethene
Concen: 15.26 ug/l
RT: 16.17 min Scan# 850
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion:164 Resp: 286325

Ion	Ratio	Lower	Upper
164	100		
129	100.3	66.7	126.7
131	94.0	61.4	121.4
166	127.5	97.9	157.9

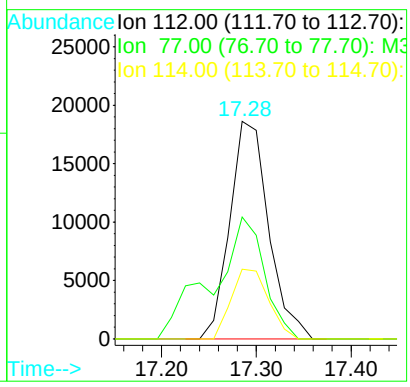




#67
Chlorobenzene
Concen: 0.66 ug/l
RT: 17.28 min Scan# 925
Delta R.T. -0.00 min
Lab File: M337488.D
Acq: 3 Dec 2009 2:14 pm

Tgt Ion:112 Resp: 52816

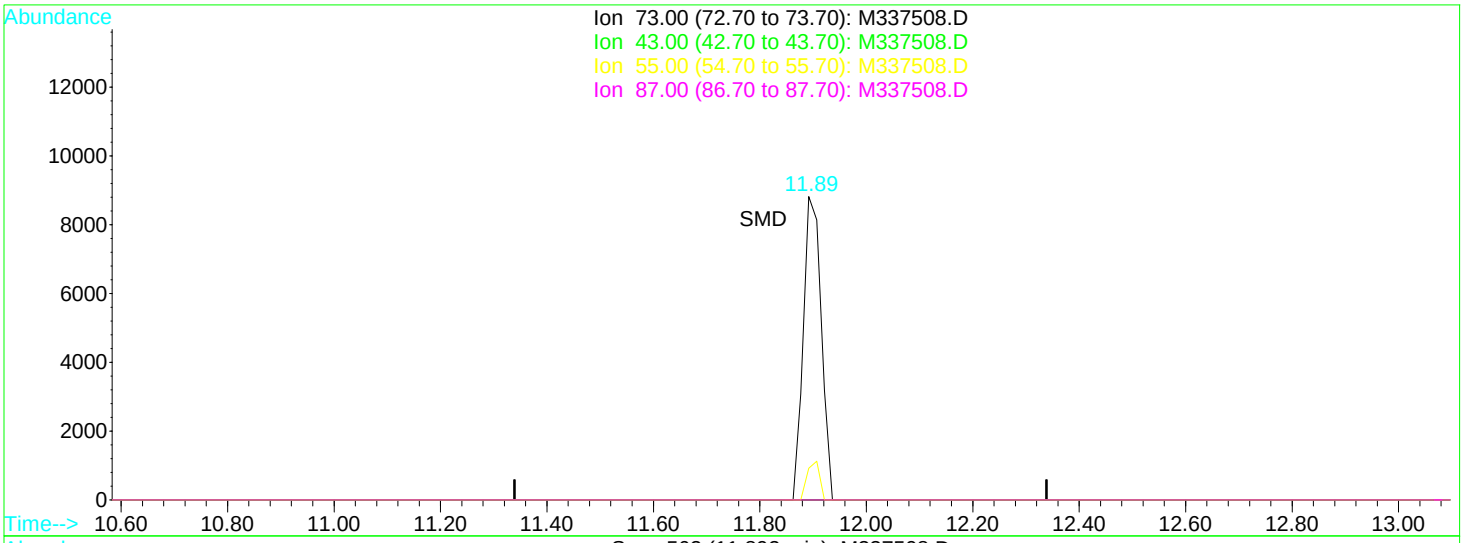
Ion	Ratio	Lower	Upper
112	100		
77	56.0	18.6	78.6
114	32.0	1.1	61.1

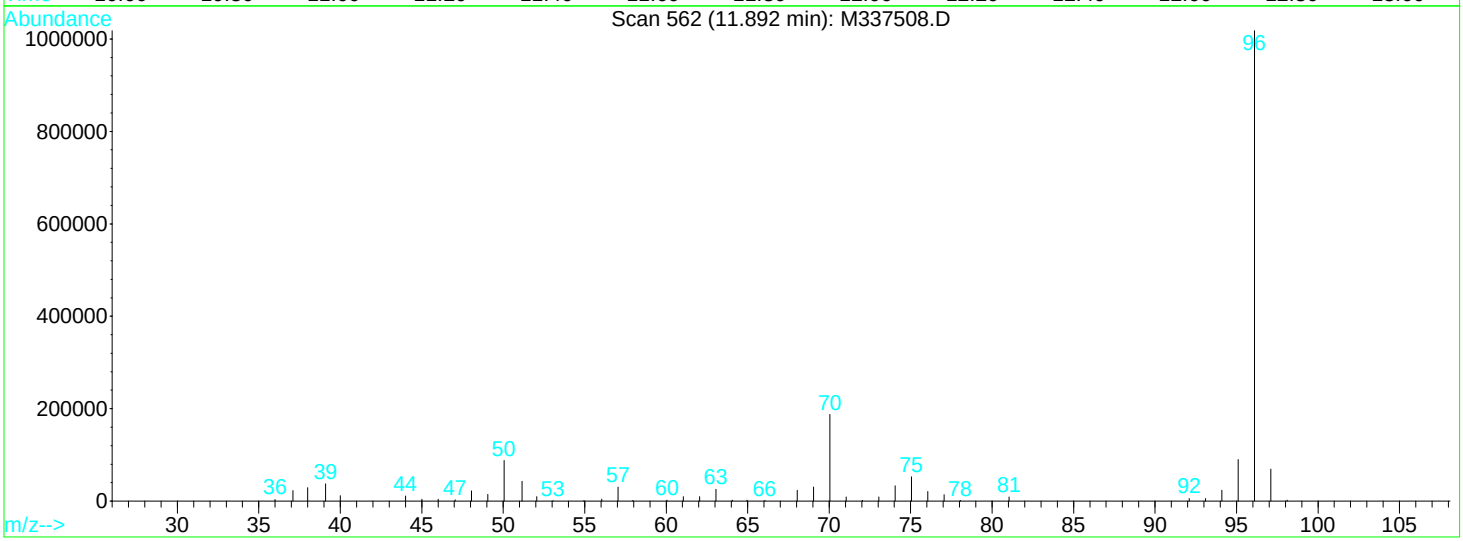


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337508.D Vial: 9
Acq On : 4 Dec 2009 12:27 pm Operator: MD
Sample : 0911321-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:56 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337508.D

(43) Tertiary-amyl methyl ether

11.89min 0.47ug/l

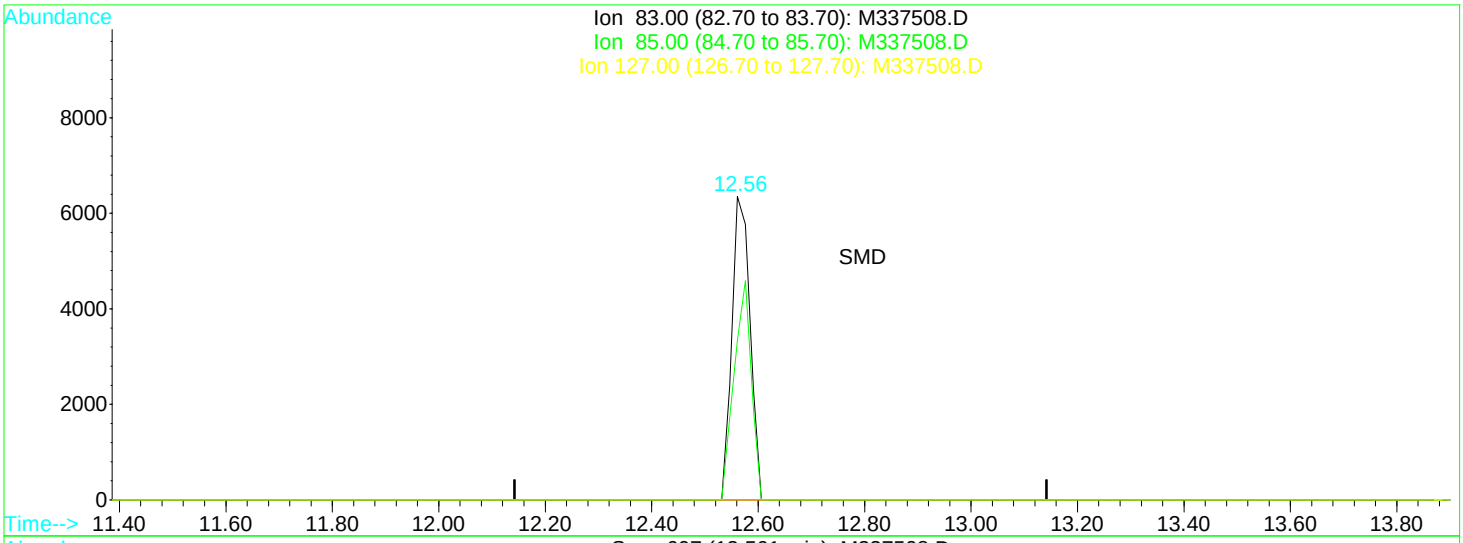
response 20737

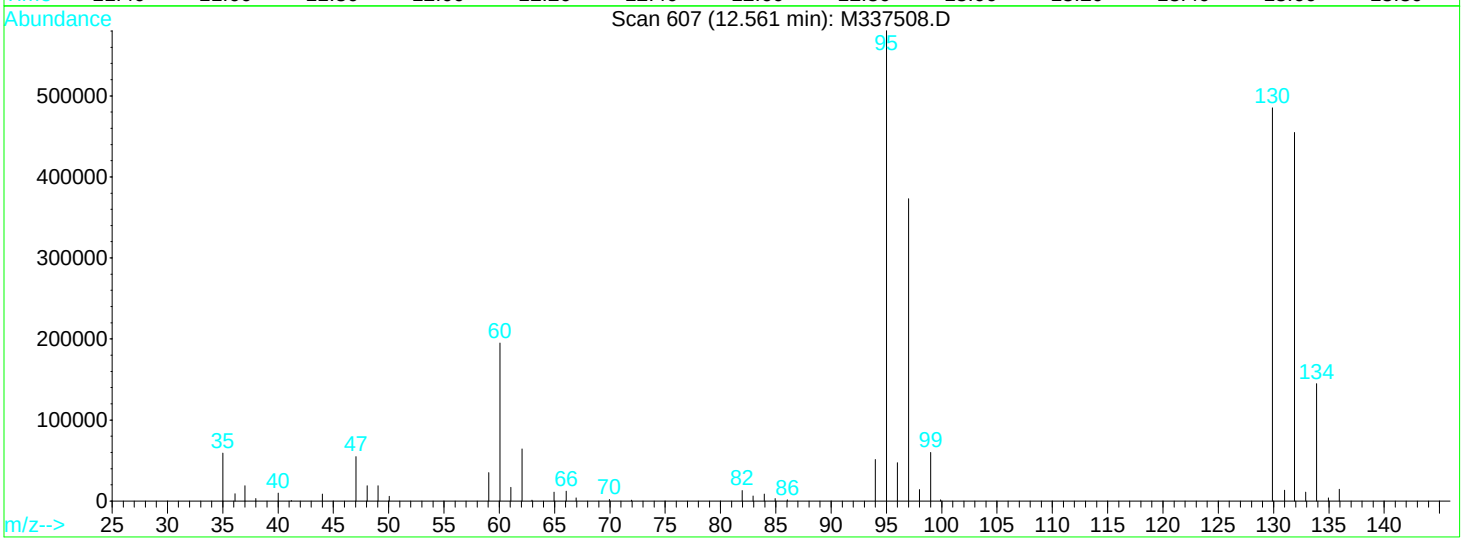
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	10.46
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337508.D Vial: 9
Acq On : 4 Dec 2009 12:27 pm Operator: MD
Sample : 0911321-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:57 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337508.D

(48) Bromodichloromethane

12.56min 0.48ug/l

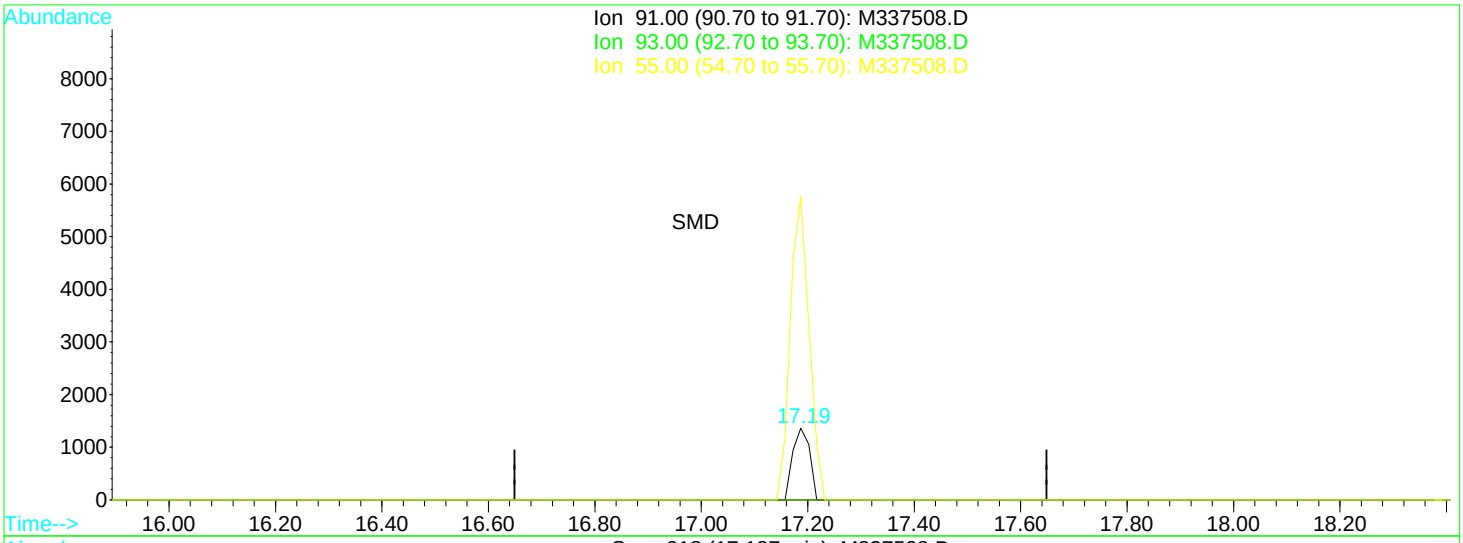
response 15031

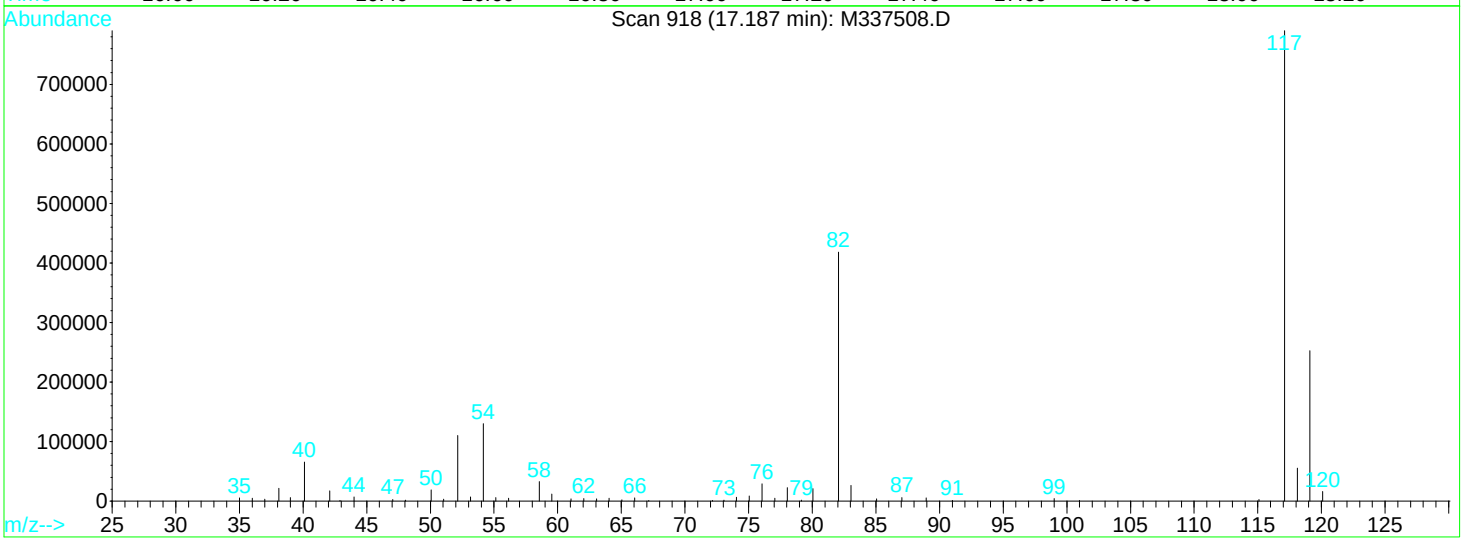
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	52.58
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337508.D Vial: 9
Acq On : 4 Dec 2009 12:27 pm Operator: MD
Sample : 0911321-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:58 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337508.D

(66) 1-Chlorohexane

17.19min 0.12ug/l

response 3004

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	423.75#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337508.D Vial: 9
Acq On : 4 Dec 2009 12:27 pm Operator: MD
Sample : 0911321-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:58 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

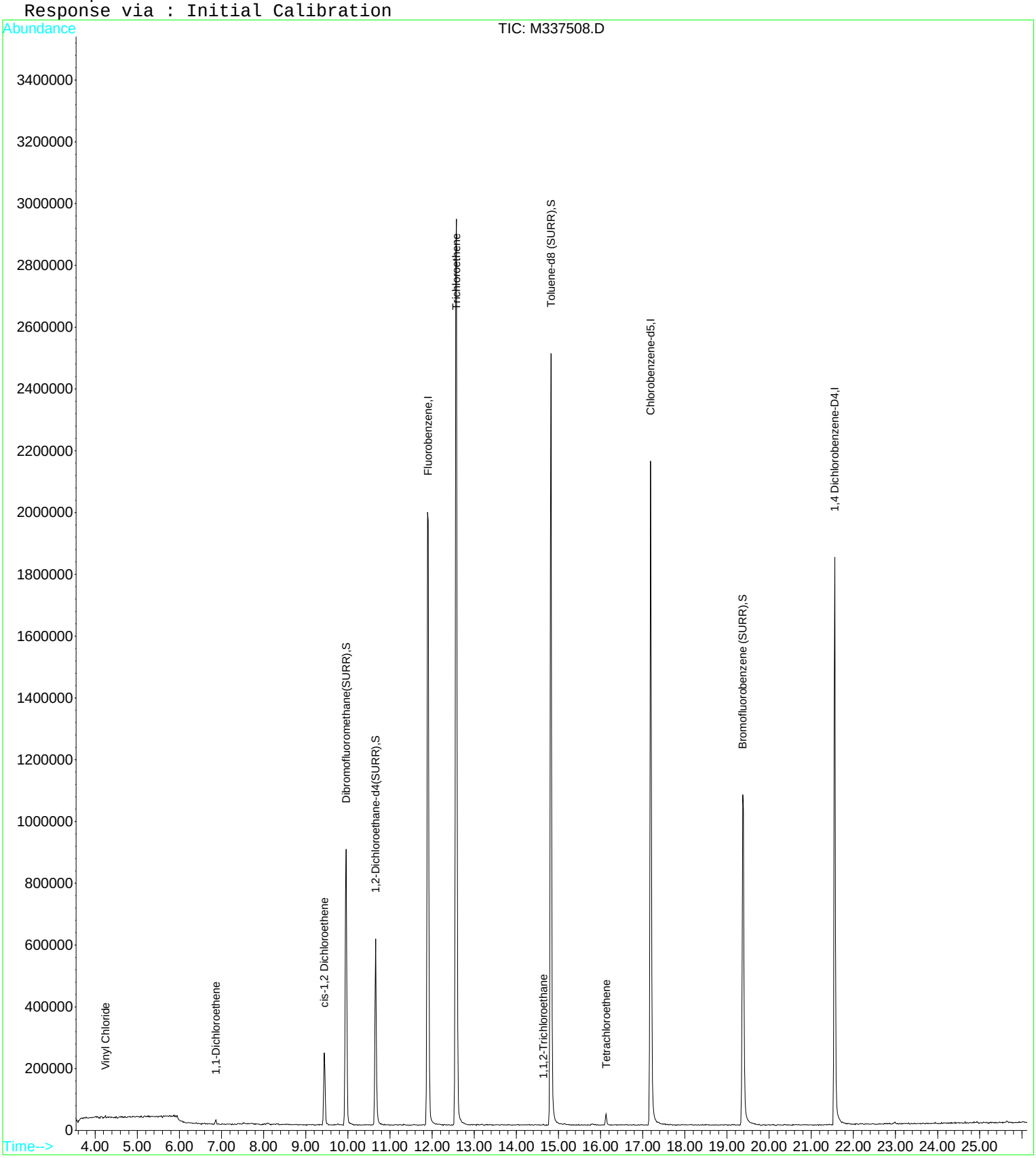
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.91	96	2818247	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1978232	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	689981	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.96	111	781711	22.45	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.80%			
41) 1,2-Dichloroethane-d4(SURR	10.66	65	452955	23.74	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.96%			
59) Toluene-d8 (SURR)	14.82	98	2438030	23.91	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.64%			
75) Bromofluorobenzene (SURR)	19.37	95	789388	22.55	ug/l	0.00
Spiked Amount 25.000			Recovery = 90.20%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.25	62	3350	0.14	ug/l #	41
16) 1,1-Dichloroethene	6.86	96	7036	0.27	ug/l	94
27) cis-1,2 Dichloroethene	9.44	96	147689	4.33	ug/l	93
44) Trichloroethene	12.58	95	1570354	53.47	ug/l	98
56) 1,1,2-Trichloroethane	14.64	83	1761	0.09	ug/l #	57
63) Tetrachloroethene	16.13	164	13246	0.72	ug/l	98

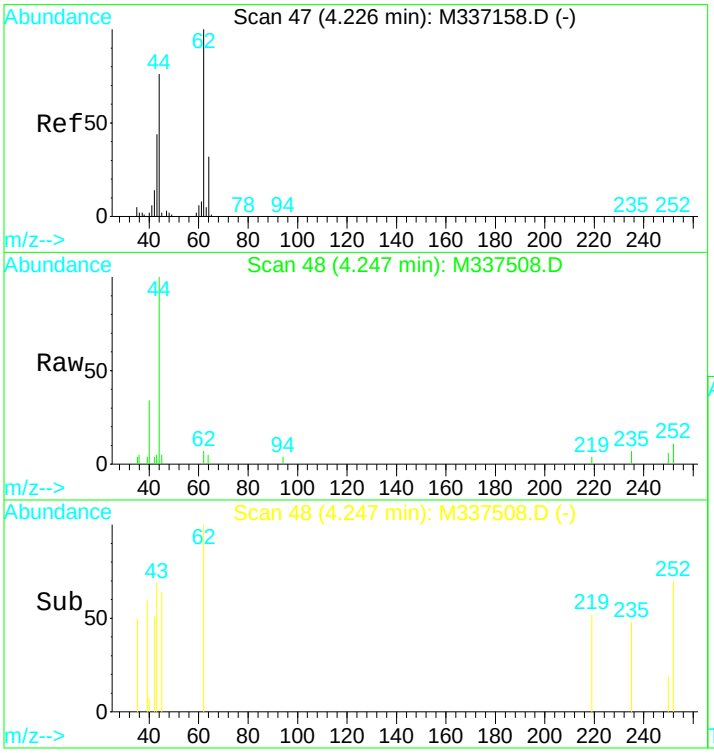
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337508.D Vial: 9
Acq On : 4 Dec 2009 12:27 pm Operator: MD
Sample : 0911321-04RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:58 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

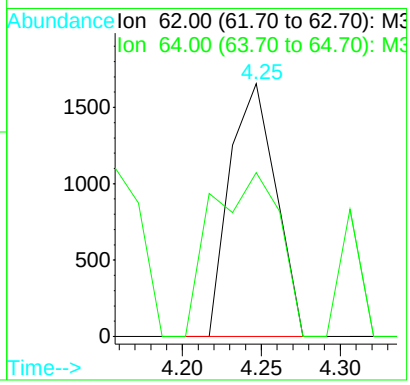


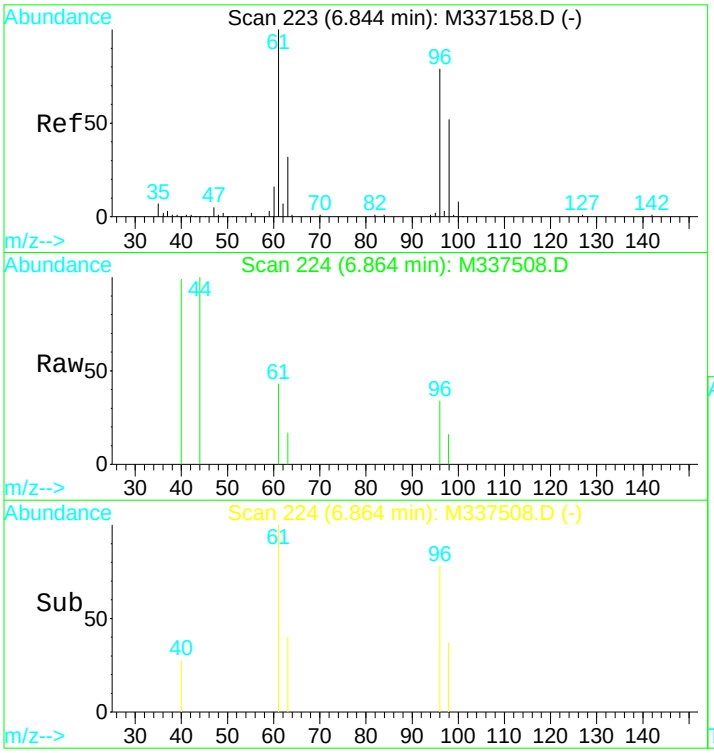


#4
Vinyl Chloride
Concen: 0.14 ug/l
RT: 4.25 min Scan# 48
Delta R.T. 0.01 min
Lab File: M337508.D
Acq: 4 Dec 2009 12:27 pm

Tgt Ion: 62 Resp: 3350

Ion	Ratio	Lower	Upper
62	100		
64	64.8	1.8	61.8#

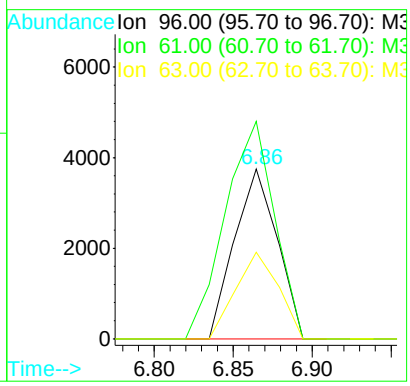


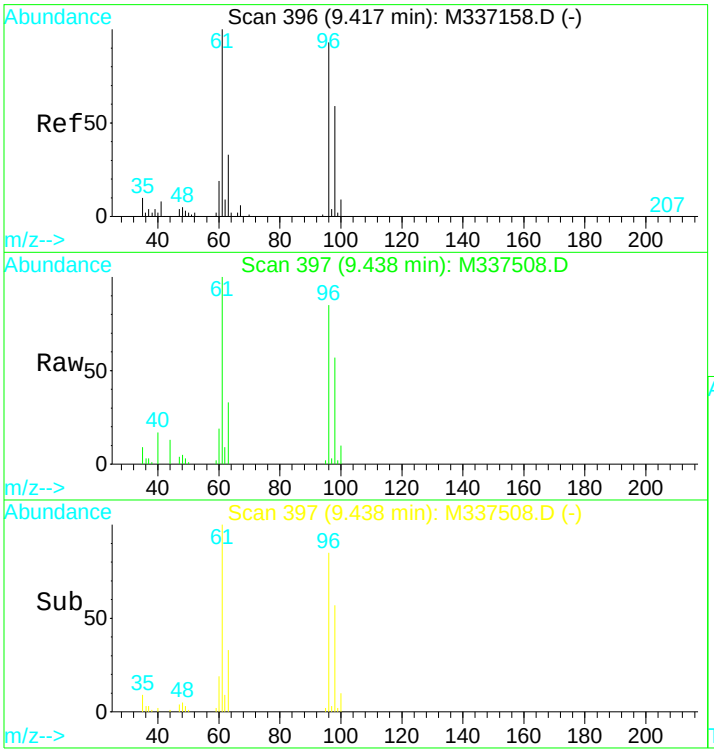


#16
1,1-Dichloroethene
Concen: 0.27 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.01 min
Lab File: M337508.D
Acq: 4 Dec 2009 12:27 pm

Tgt Ion: 96 Resp: 7036

Ion	Ratio	Lower	Upper
96	100		
61	128.1	96.1	156.1
63	51.0	10.0	70.0

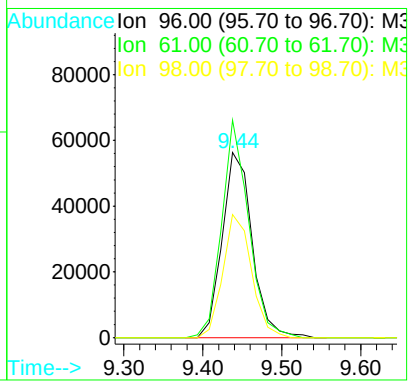


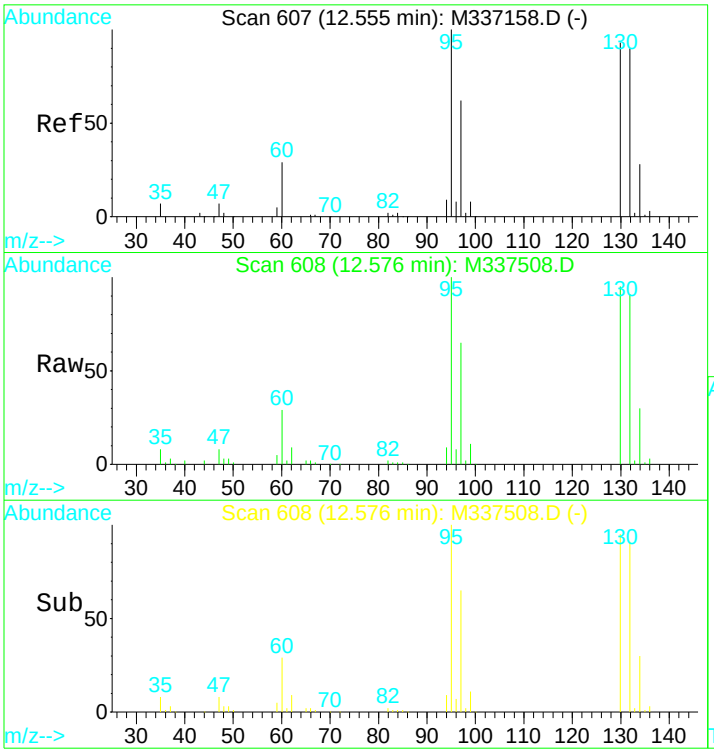


#27
cis-1,2 Dichloroethene
Concen: 4.33 ug/l
RT: 9.44 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337508.D
Acq: 4 Dec 2009 12:27 pm

Tgt Ion: 96 Resp: 147689

Ion	Ratio	Lower	Upper
96	100		
61	117.5	77.5	137.5
98	66.6	33.9	93.9

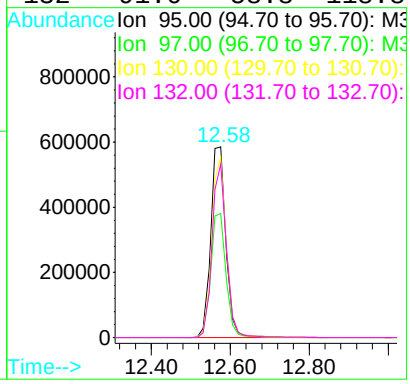


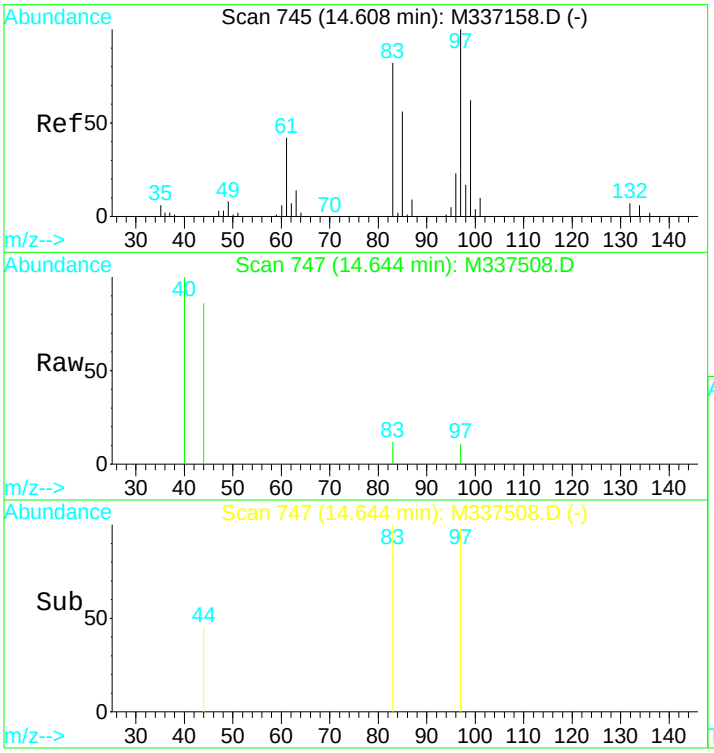


#44
Trichloroethene
Concen: 53.47 ug/l
RT: 12.58 min Scan# 608
Delta R.T. 0.01 min
Lab File: M337508.D
Acq: 4 Dec 2009 12:27 pm

Tgt Ion: 95 Resp: 1570354

Ion	Ratio	Lower	Upper
95	100		
97	65.1	35.0	95.0
130	94.6	62.7	122.7
132	91.0	58.8	118.8

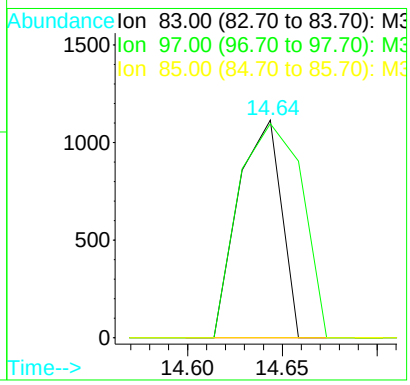


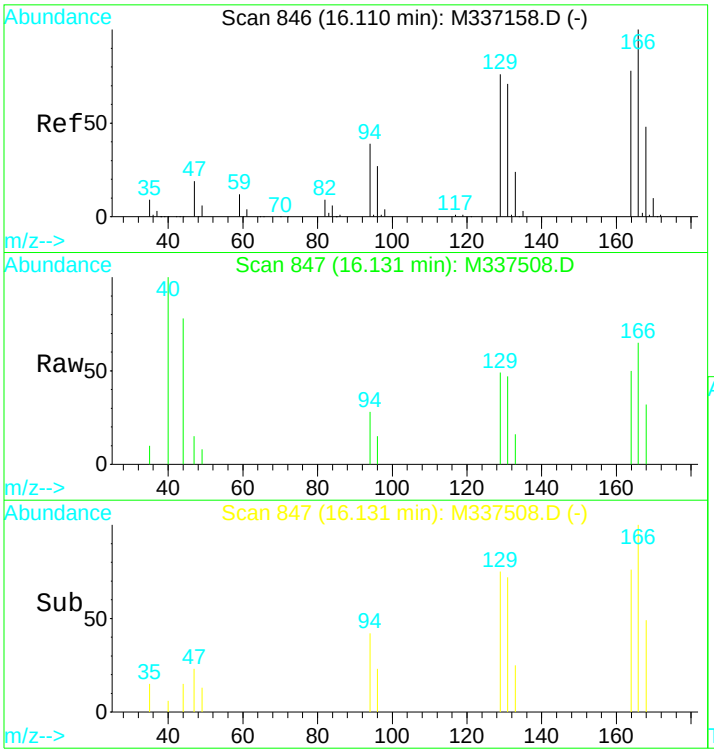


#56
1,1,2-Trichloroethane
Concen: 0.09 ug/l
RT: 14.64 min Scan# 747
Delta R.T. 0.02 min
Lab File: M337508.D
Acq: 4 Dec 2009 12:27 pm

Tgt Ion: 83 Resp: 1761

Ion	Ratio	Lower	Upper
83	100		
97	98.4	91.3	151.3
85	0.0	37.4	97.4#

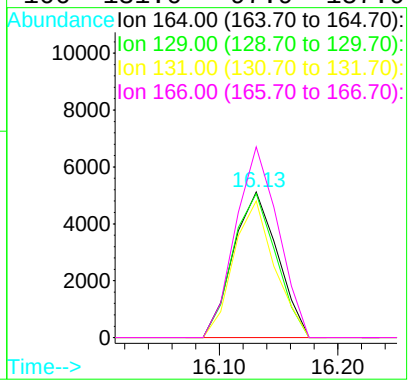




#63
Tetrachloroethene
Concen: 0.72 ug/l
RT: 16.13 min Scan# 847
Delta R.T. 0.01 min
Lab File: M337508.D
Acq: 4 Dec 2009 12:27 pm

Tgt Ion:164 Resp: 13246

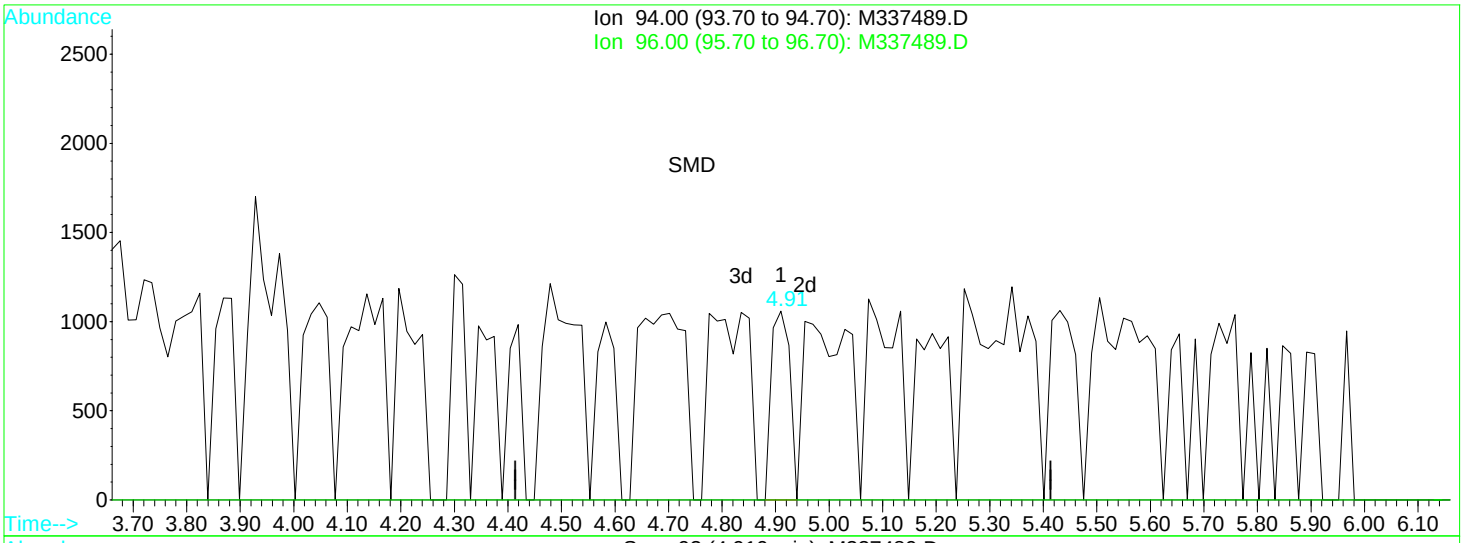
Ion	Ratio	Lower	Upper
164	100		
129	98.8	66.7	126.7
131	93.9	61.4	121.4
166	131.0	97.9	157.9

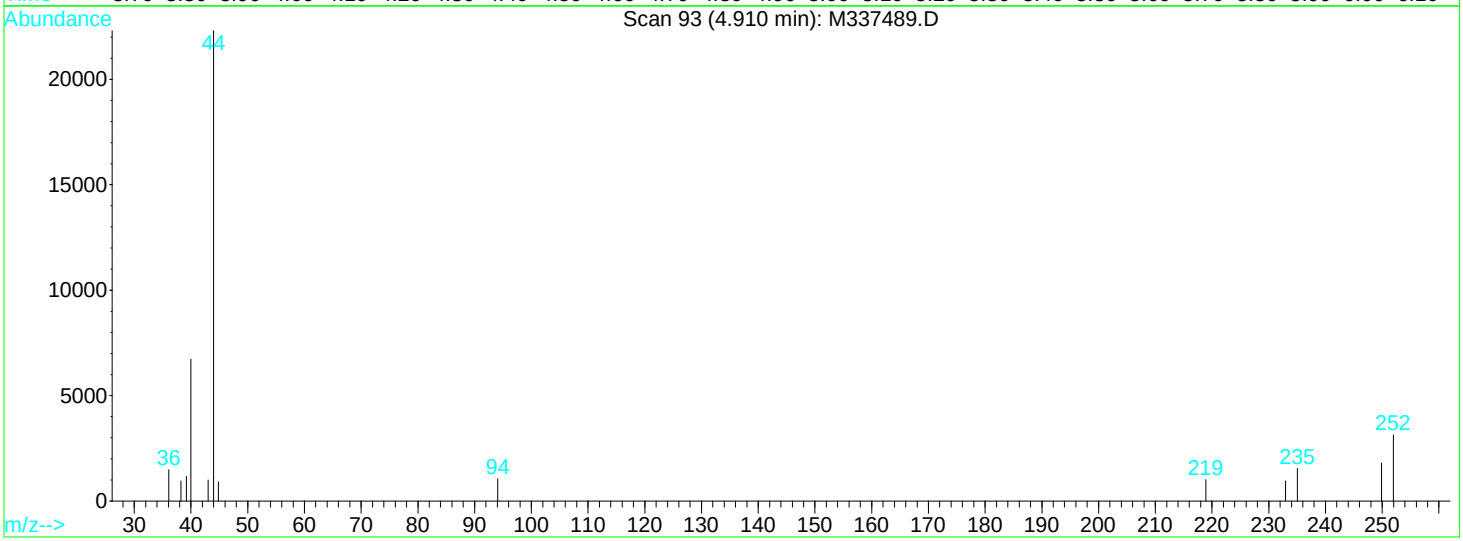


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 15:16 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337489.D

(5) Bromomethane

4.91min 0.15ug/l

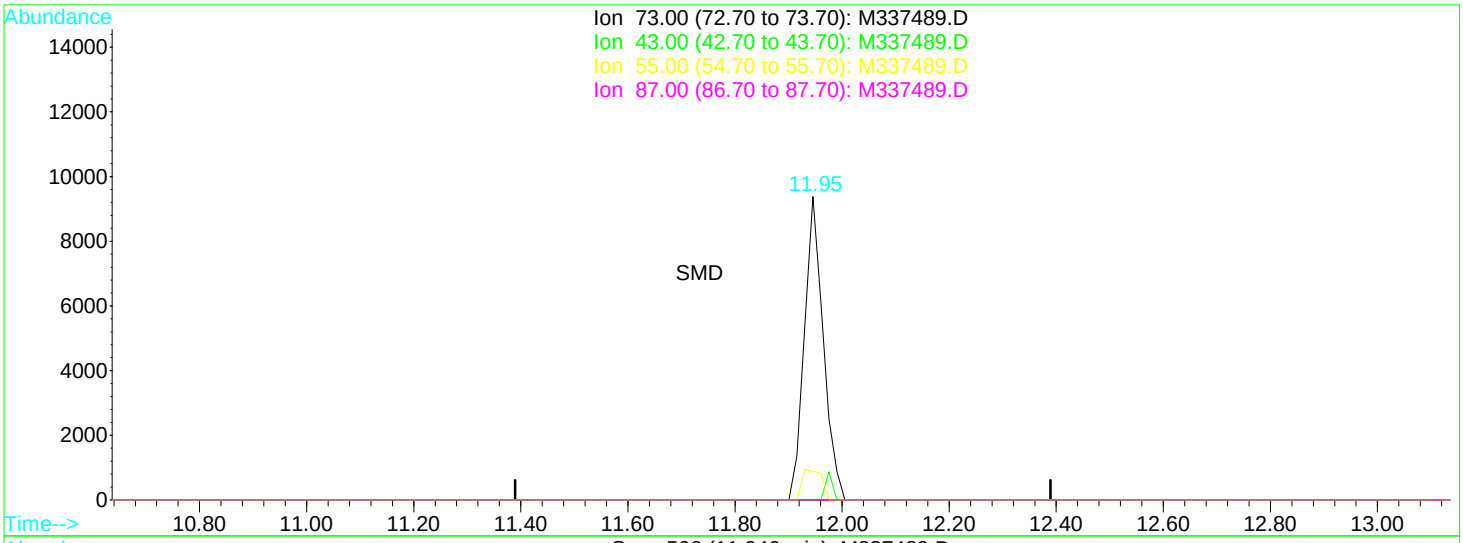
response 2580

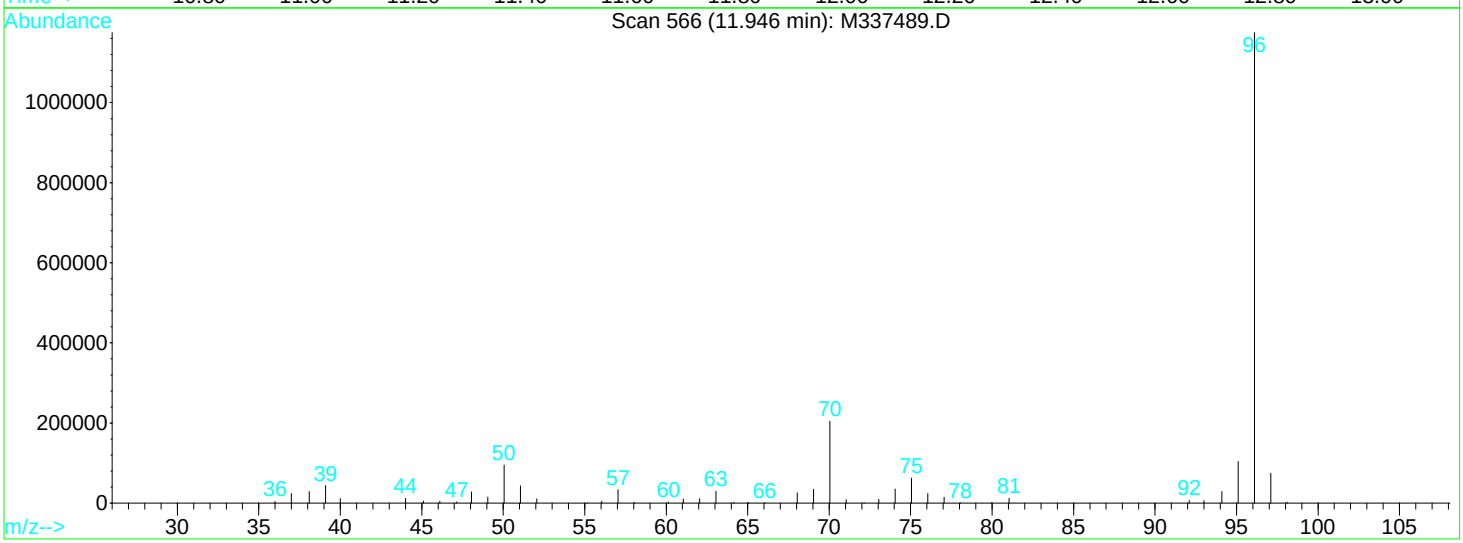
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337489.D

(43) Tertiary-amyl methyl ether

11.95min 0.51ug/l

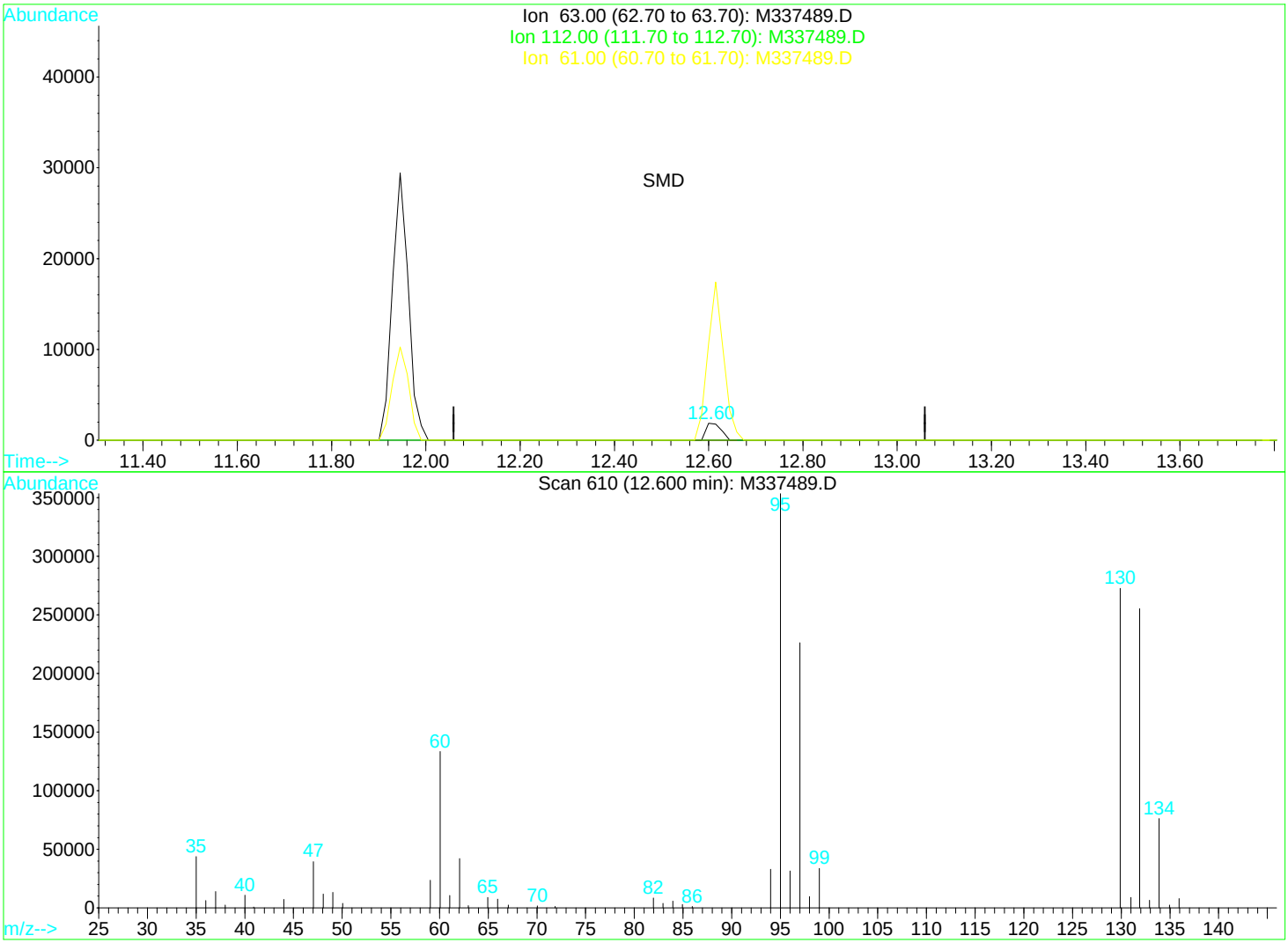
response 22926

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	9.34
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337489.D

(45) 1,2-Dichloropropane

12.60min 0.15ug/l

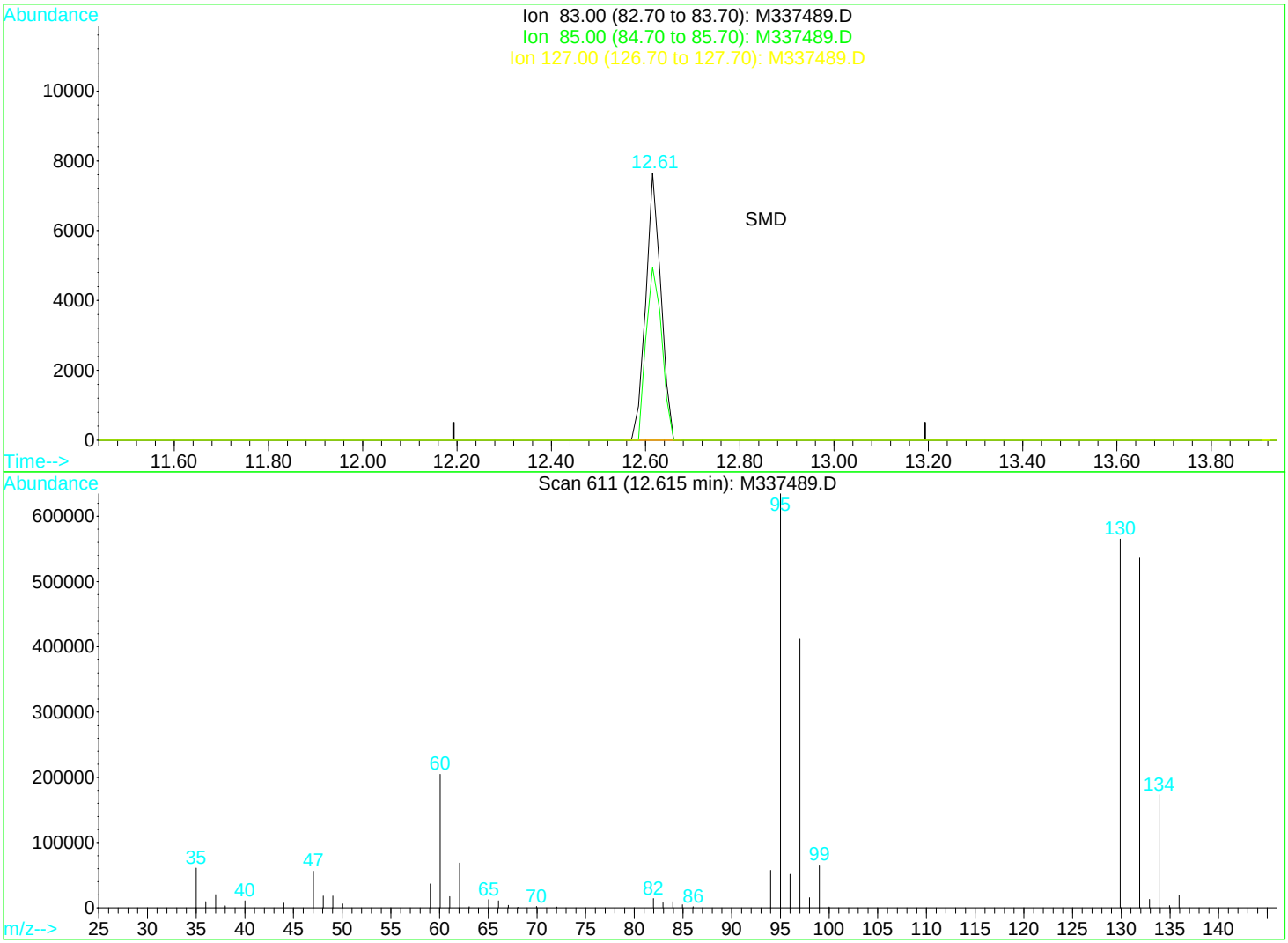
response 4116

Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	570.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337489.D

(48) Bromodichloromethane

12.61min 0.53ug/l

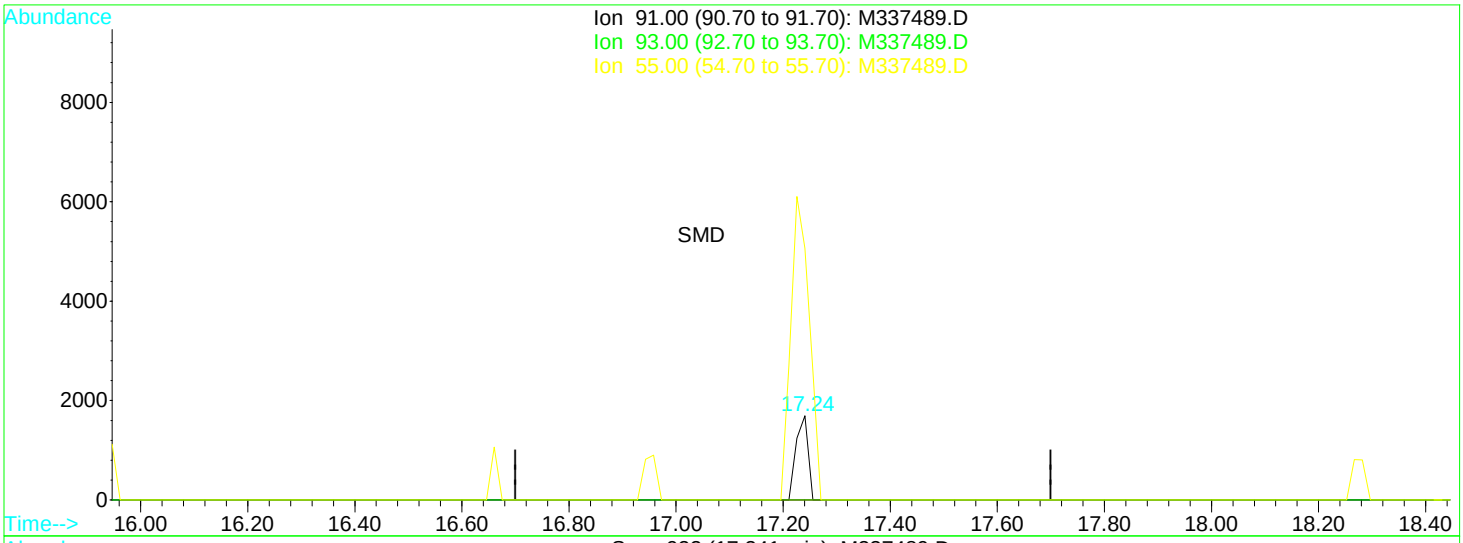
response 16982

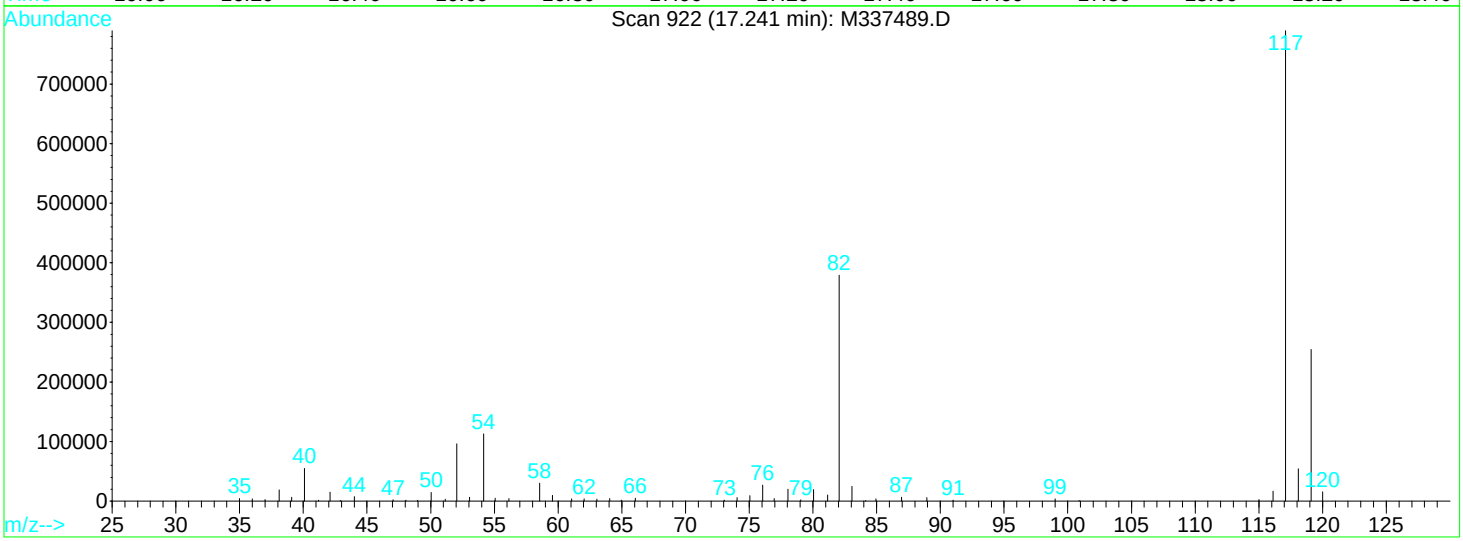
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	64.78
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:20 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337489.D

(66) 1-Chlorohexane

17.24min 0.10ug/l

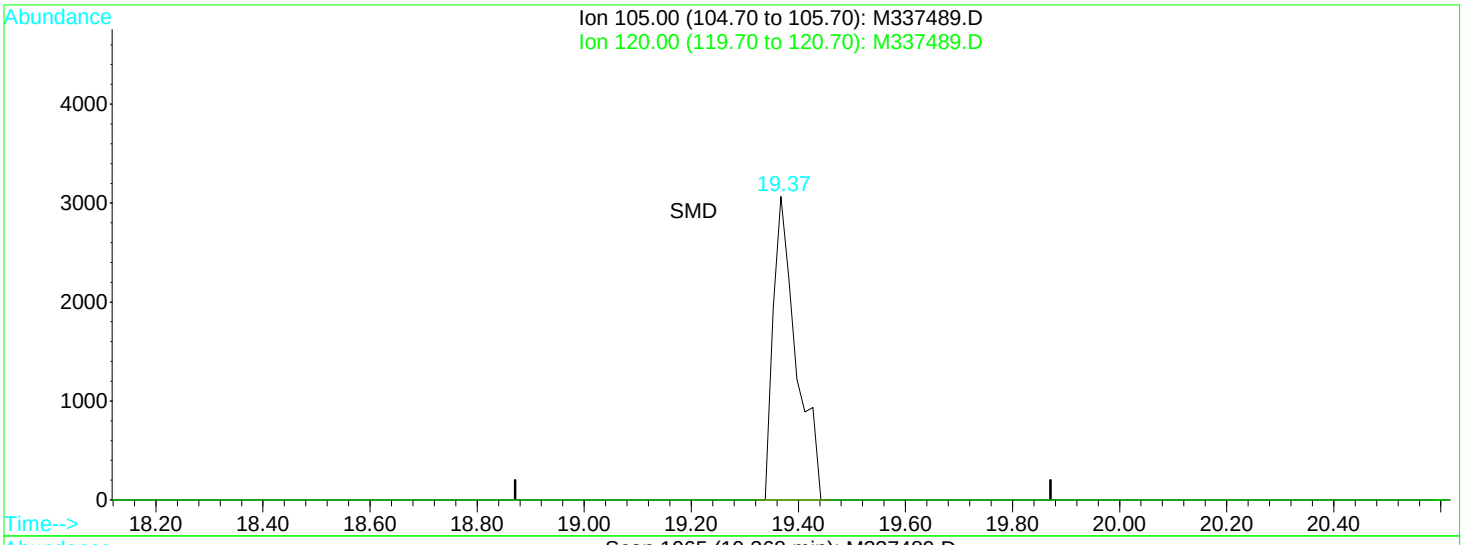
response 2624

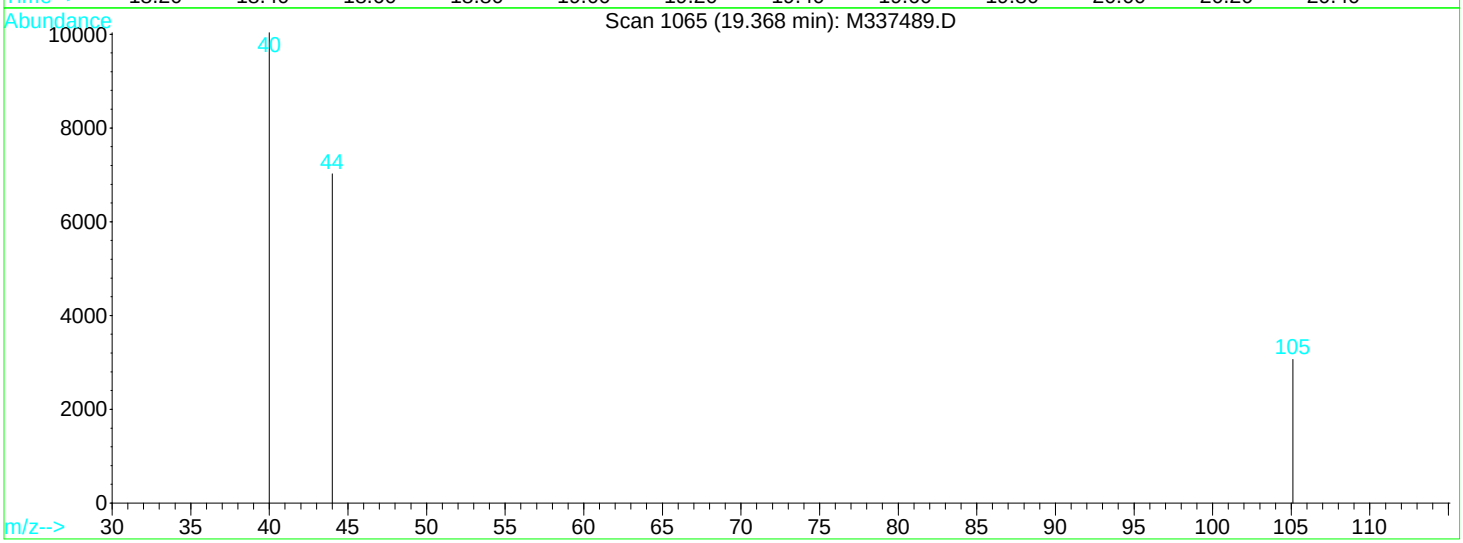
Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	298.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:20 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337489.D

(79) Isopropylbenzene

19.37min 0.10ug/l

response 9173

Ion	Exp%	Act%
105.00	100	100
120.00	24.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:20 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

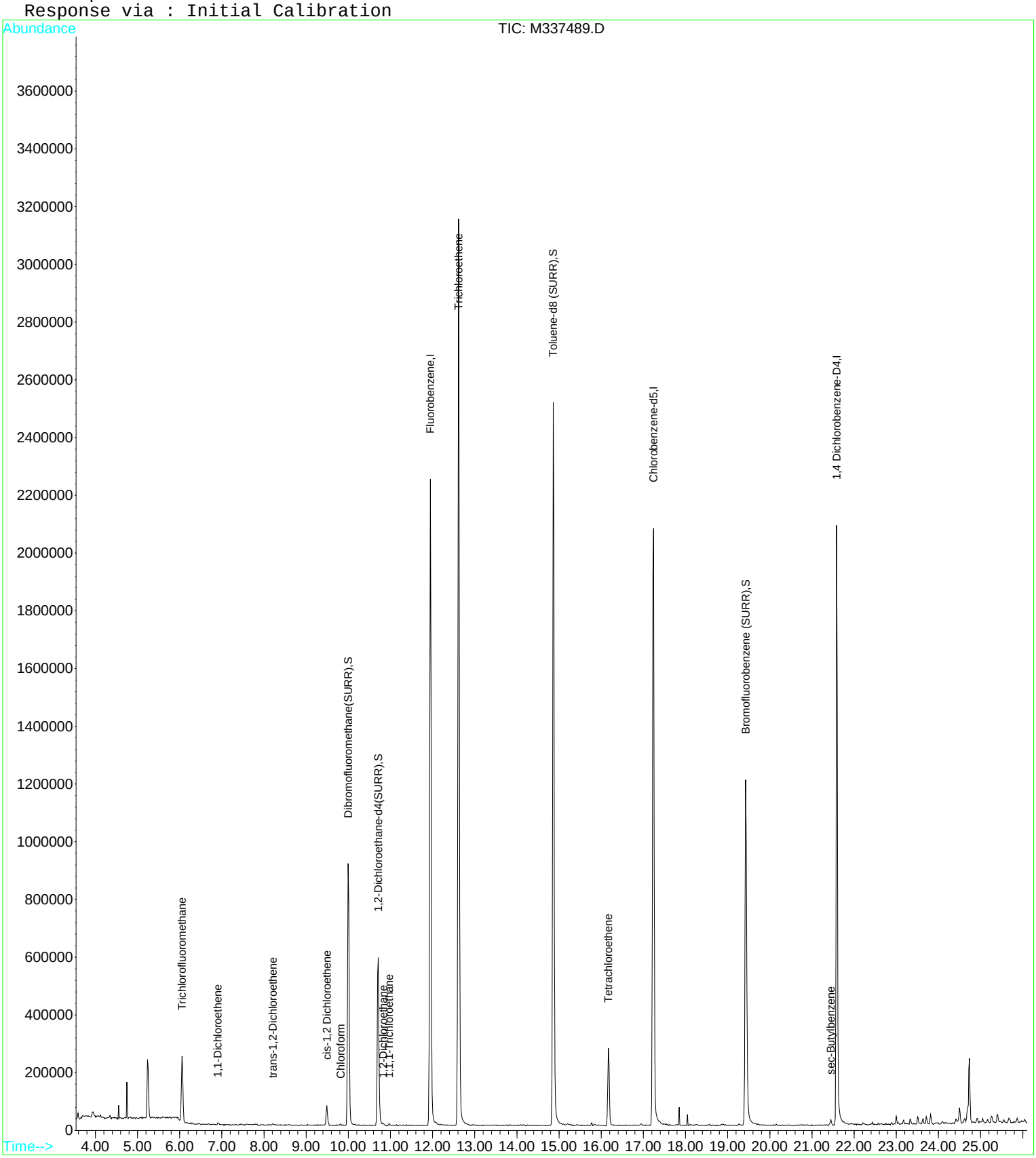
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2865684	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	2039812	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.58	152	762457	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	798728	22.56	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.24%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	465625	24.00	ug/l	0.00
Spiked Amount 25.000			Recovery = 96.00%			
59) Toluene-d8 (SURR)	14.86	98	2480794	23.59	ug/l	-0.02
Spiked Amount 25.000			Recovery = 94.36%			
75) Bromofluorobenzene (SURR)	19.43	95	856322	23.72	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.88%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	6.06	101	246743	7.50	ug/l	96
16) 1,1-Dichloroethene	6.90	96	4230	0.16	ug/l	96
20) trans-1,2-Dichloroethene	8.21	96	2705	0.09	ug/l #	66
27) cis-1,2 Dichloroethene	9.49	96	43167	1.24	ug/l	92
33) Chloroform	9.82	83	4695	0.10	ug/l	75
36) 1,1,1-Trichloroethane	10.96	97	7201	0.22	ug/l	86
42) 1,2-Dichloroethane	10.83	62	5002	0.22	ug/l	90
44) Trichloroethene	12.61	95	1526311	51.11	ug/l	97
63) Tetrachloroethene	16.17	164	94527	4.97	ug/l	96
89) sec-Butylbenzene	21.45	105	17128	0.21	ug/l	99

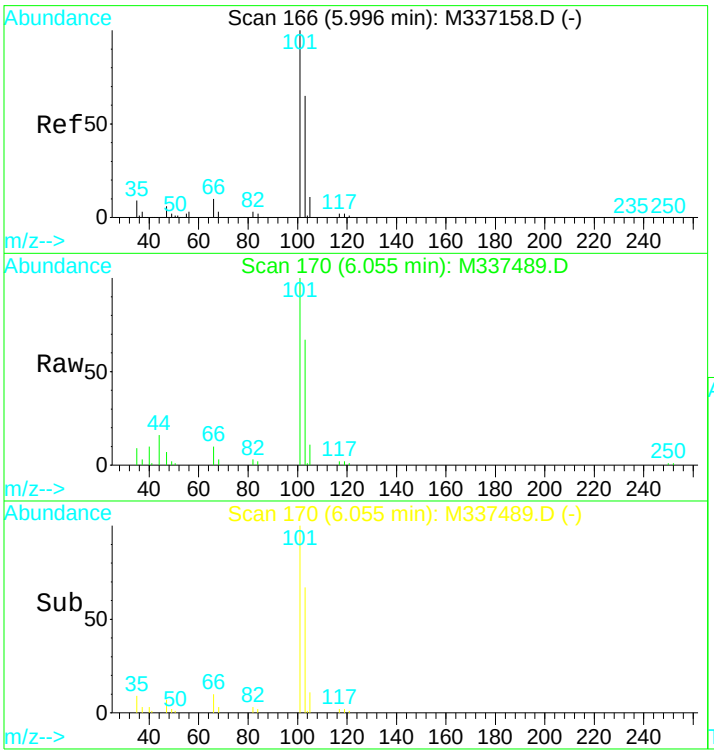
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337489.D Vial: 13
Acq On : 3 Dec 2009 2:46 pm Operator: MD
Sample : 0911321-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:20 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

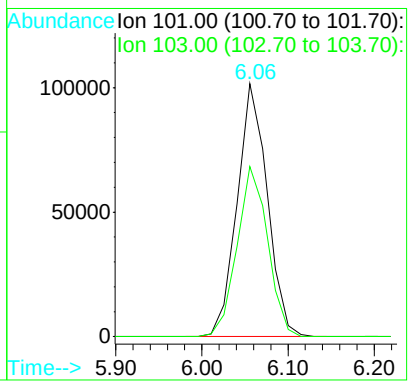


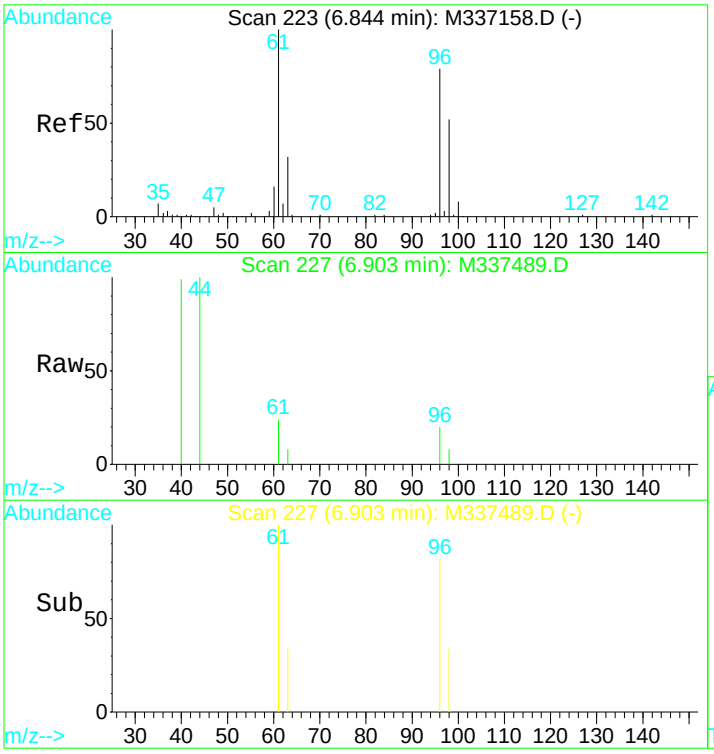


#7
Trichlorofluoromethane
Concen: 7.50 ug/l
RT: 6.06 min Scan# 170
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion:101 Resp: 246743

Ion	Ratio	Lower	Upper
101	100		
103	67.3	34.5	94.5

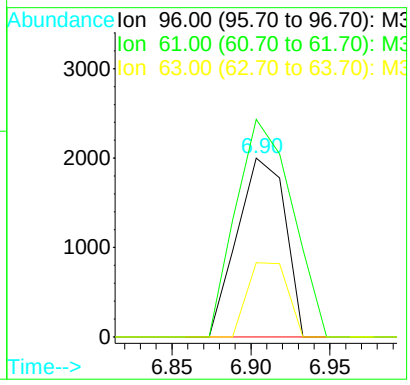


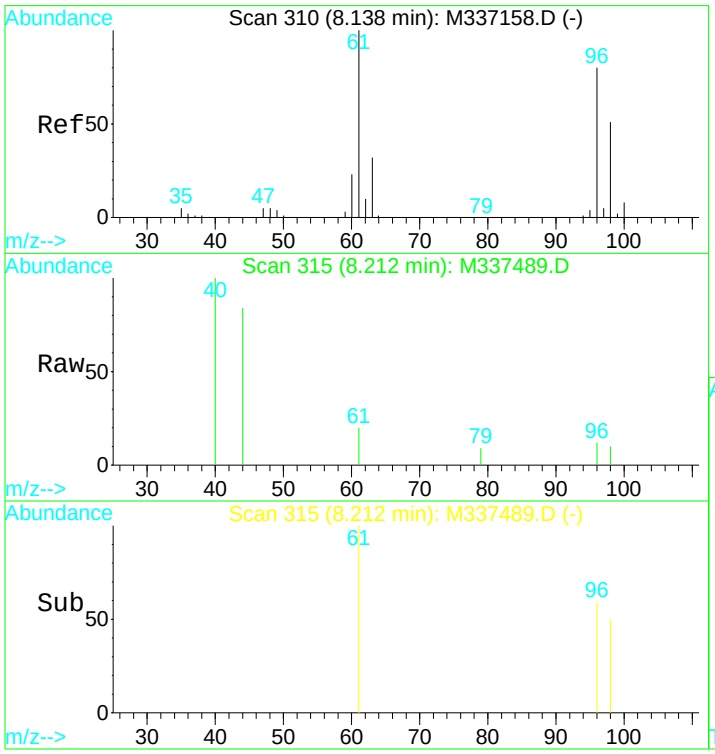


#16
1,1-Dichloroethene
Concen: 0.16 ug/l
RT: 6.90 min Scan# 227
Delta R.T. -0.02 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion: 96 Resp: 4230

Ion	Ratio	Lower	Upper
96	100		
61	121.6	96.1	156.1
63	41.4	10.0	70.0

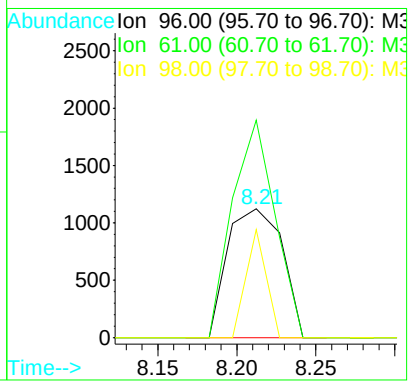


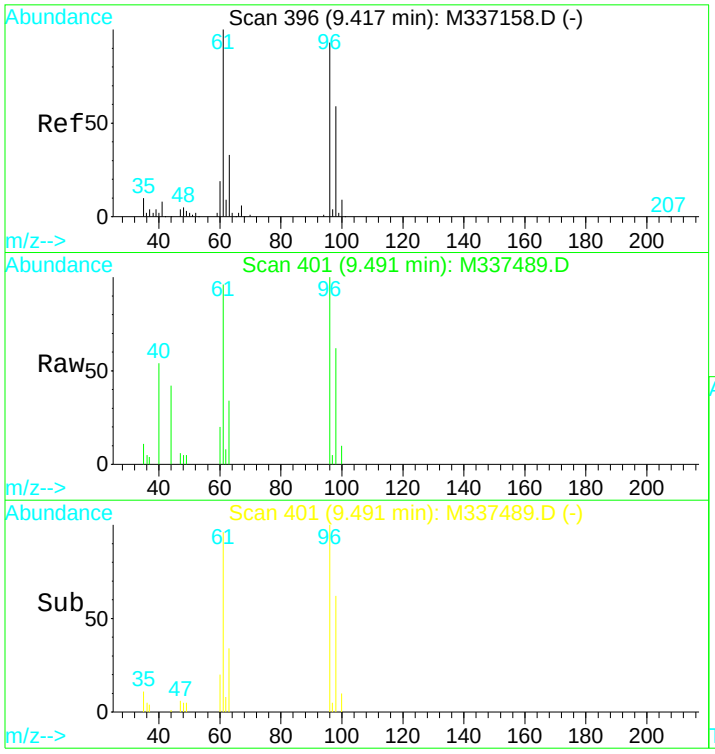


#20
trans-1,2-Dichloroethene
Concen: 0.09 ug/l
RT: 8.21 min Scan# 315
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion: 96 Resp: 2705

Ion	Ratio	Lower	Upper
96	100		
61	168.8	95.0	155.0#
98	83.8	33.4	93.4

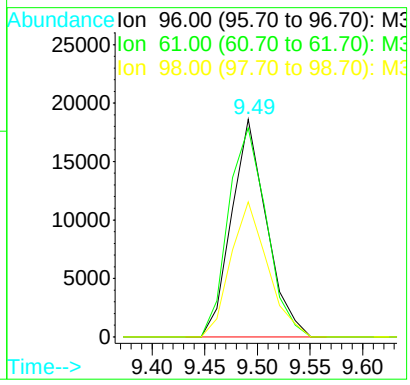


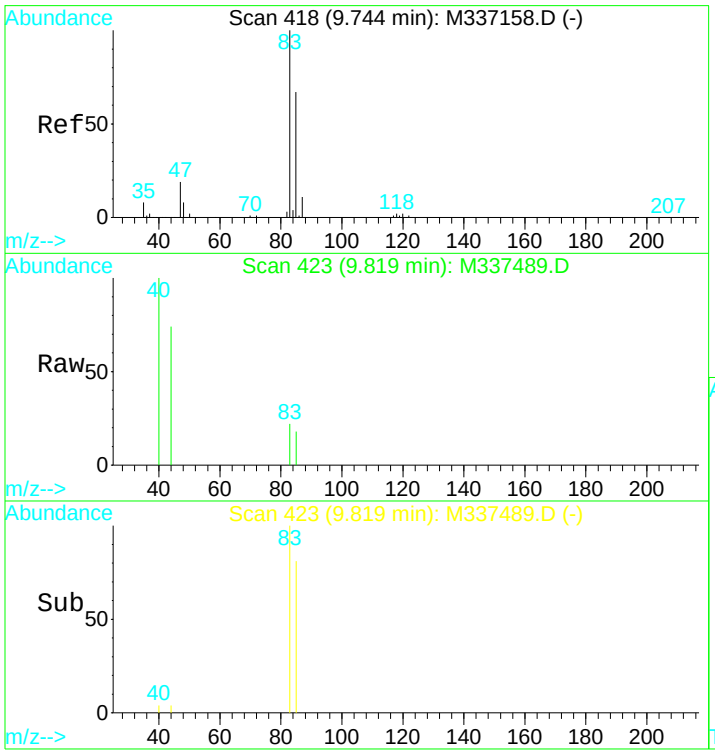


#27
cis-1,2 Dichloroethene
Concen: 1.24 ug/l
RT: 9.49 min Scan# 401
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion: 96 Resp: 43167

Ion	Ratio	Lower	Upper
96	100		
61	96.0	77.5	137.5
98	62.1	33.9	93.9

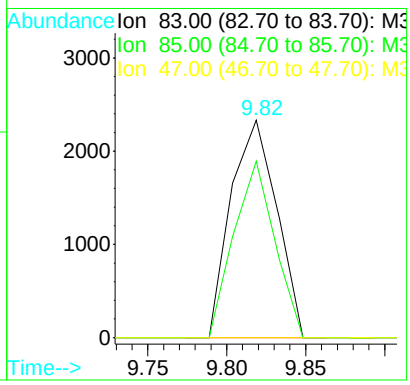


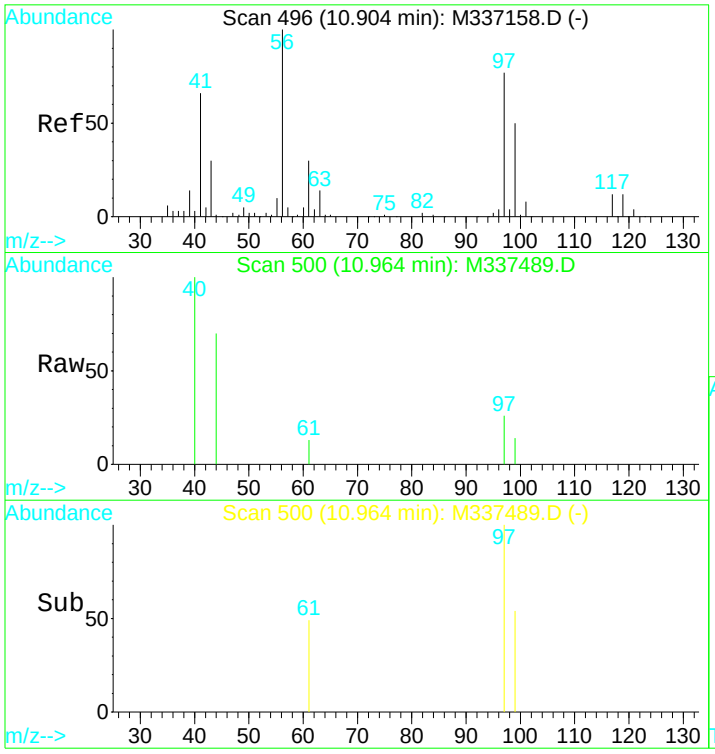


#33
Chloroform
Concen: 0.10 ug/l
RT: 9.82 min Scan# 423
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion: 83 Resp: 4695

Ion	Ratio	Lower	Upper
83	100		
85	81.2	37.1	97.1
47	0.0	0.0	53.5

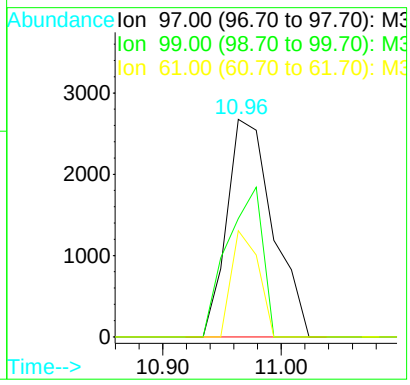


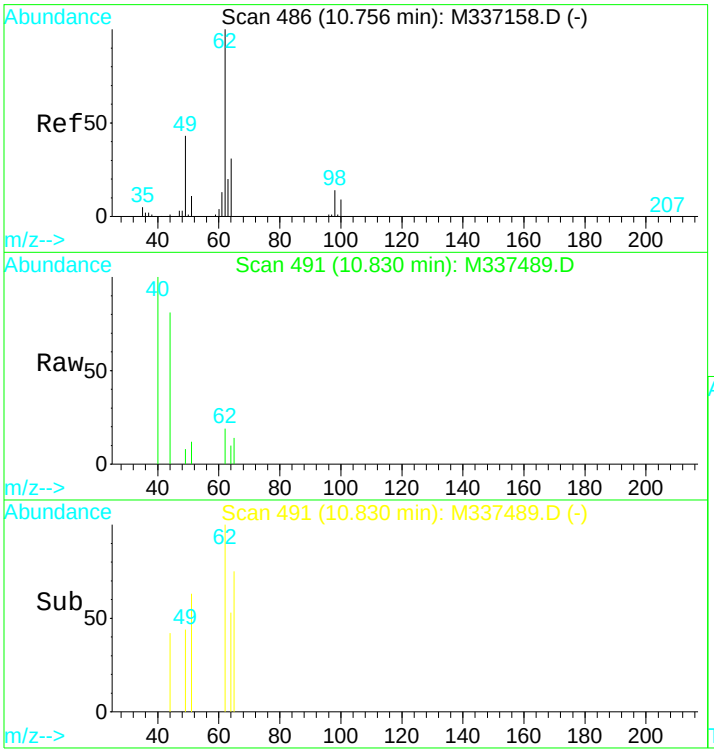


#36
1,1,1-Trichloroethane
Concen: 0.22 ug/l
RT: 10.96 min Scan# 500
Delta R.T. -0.02 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion: 97 Resp: 7201

Ion	Ratio	Lower	Upper
97	100		
99	54.3	34.9	94.9
61	48.8	9.8	69.8

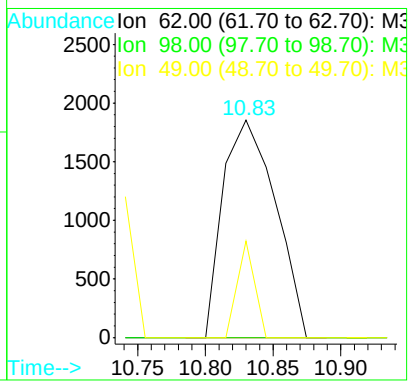


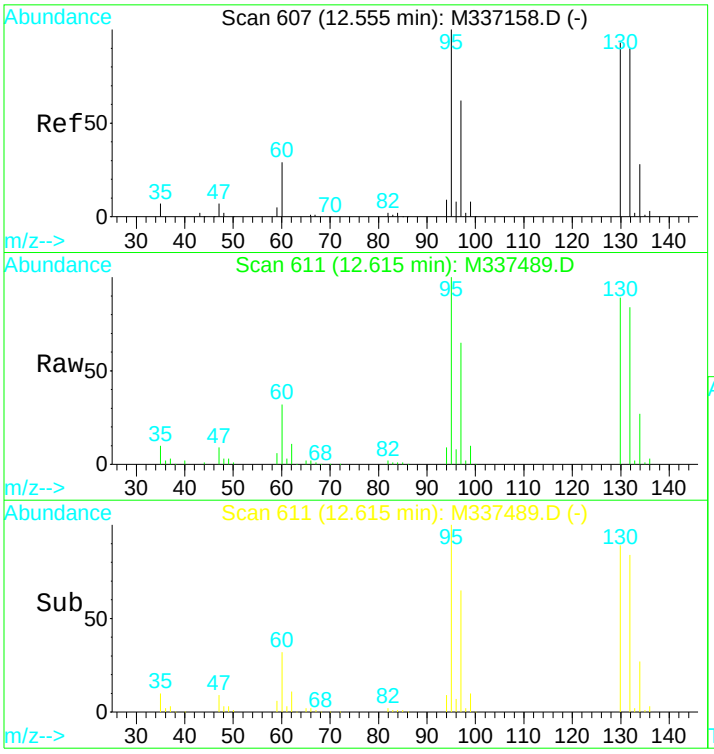


#42
1,2-Dichloroethane
Concen: 0.22 ug/l
RT: 10.83 min Scan# 491
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion: 62 Resp: 5002

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	44.4
49	44.4	13.0	73.0

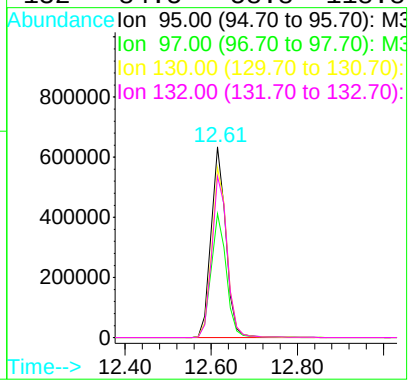


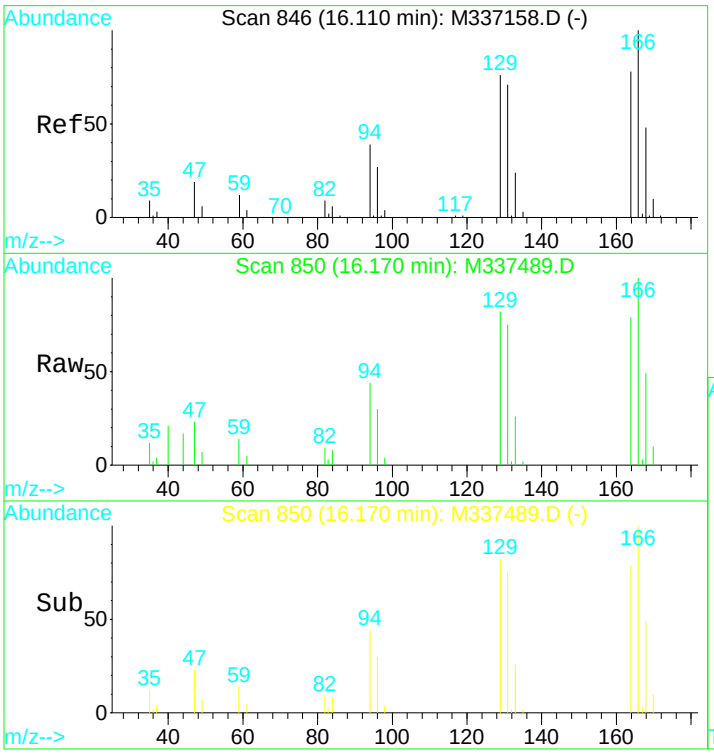


#44
Trichloroethene
Concen: 51.11 ug/l
RT: 12.61 min Scan# 611
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion: 95 Resp: 1526311

Ion	Ratio	Lower	Upper
95	100		
97	64.9	35.0	95.0
130	89.1	62.7	122.7
132	84.5	58.8	118.8

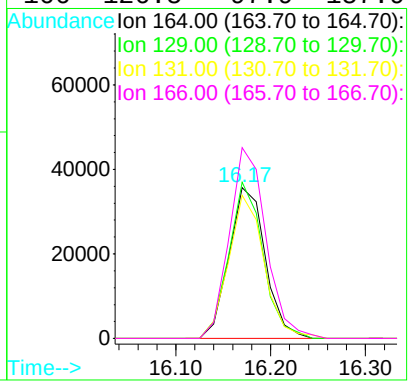


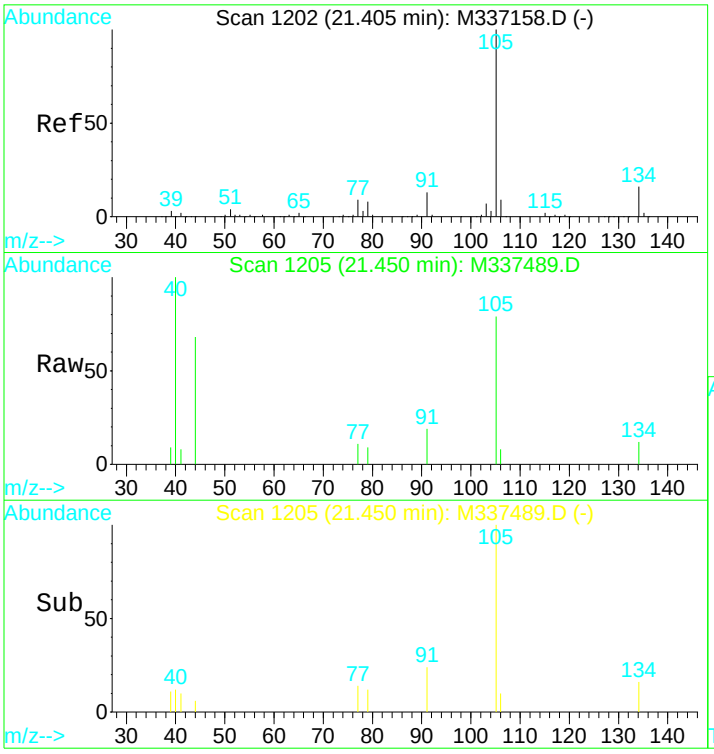


#63
Tetrachloroethene
Concen: 4.97 ug/l
RT: 16.17 min Scan# 850
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion:164 Resp: 94527

Ion	Ratio	Lower	Upper
164	100		
129	103.7	66.7	126.7
131	94.8	61.4	121.4
166	126.5	97.9	157.9

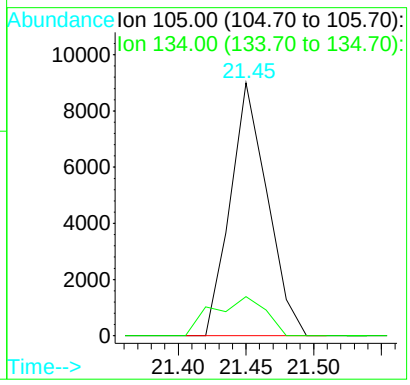




#89
sec-Butylbenzene
Concen: 0.21 ug/l
RT: 21.45 min Scan# 1205
Delta R.T. -0.00 min
Lab File: M337489.D
Acq: 3 Dec 2009 2:46 pm

Tgt Ion:105 Resp: 17128

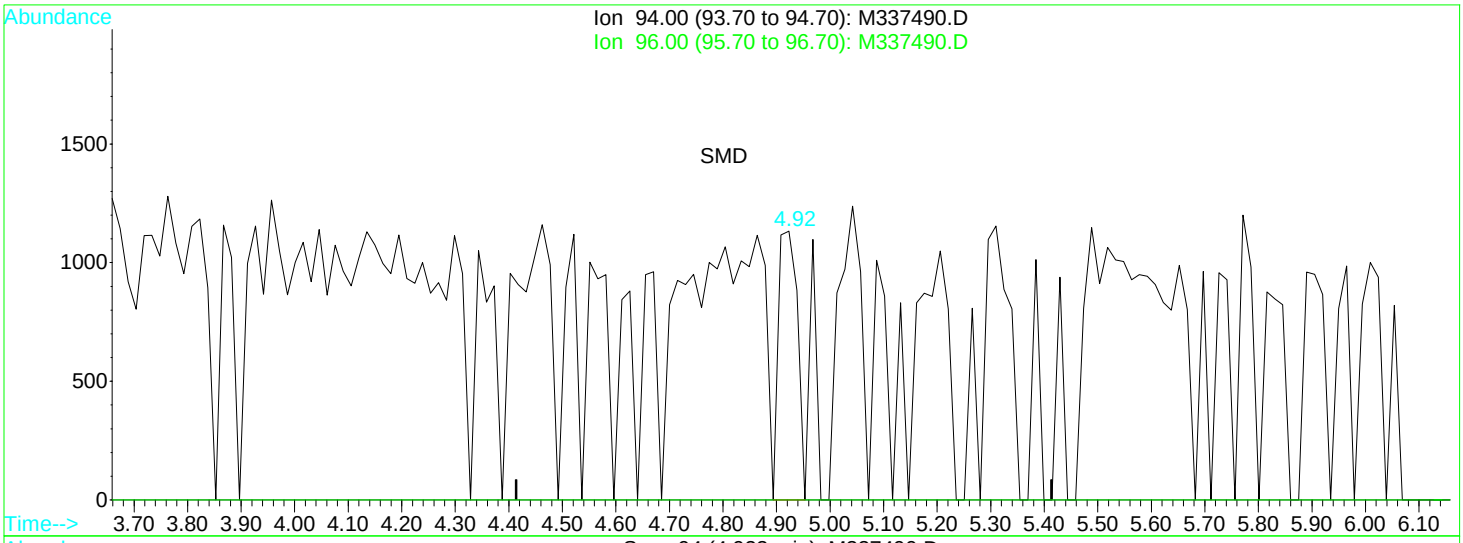
Ion	Ratio	Lower	Upper
105	100		
134	15.5	0.0	45.8



Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337490.D Vial: 14
Acq On : 3 Dec 2009 3:18 pm Operator: MD
Sample : 0911321-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 15:48 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337490.D

(5) Bromomethane

4.92min 0.16ug/l

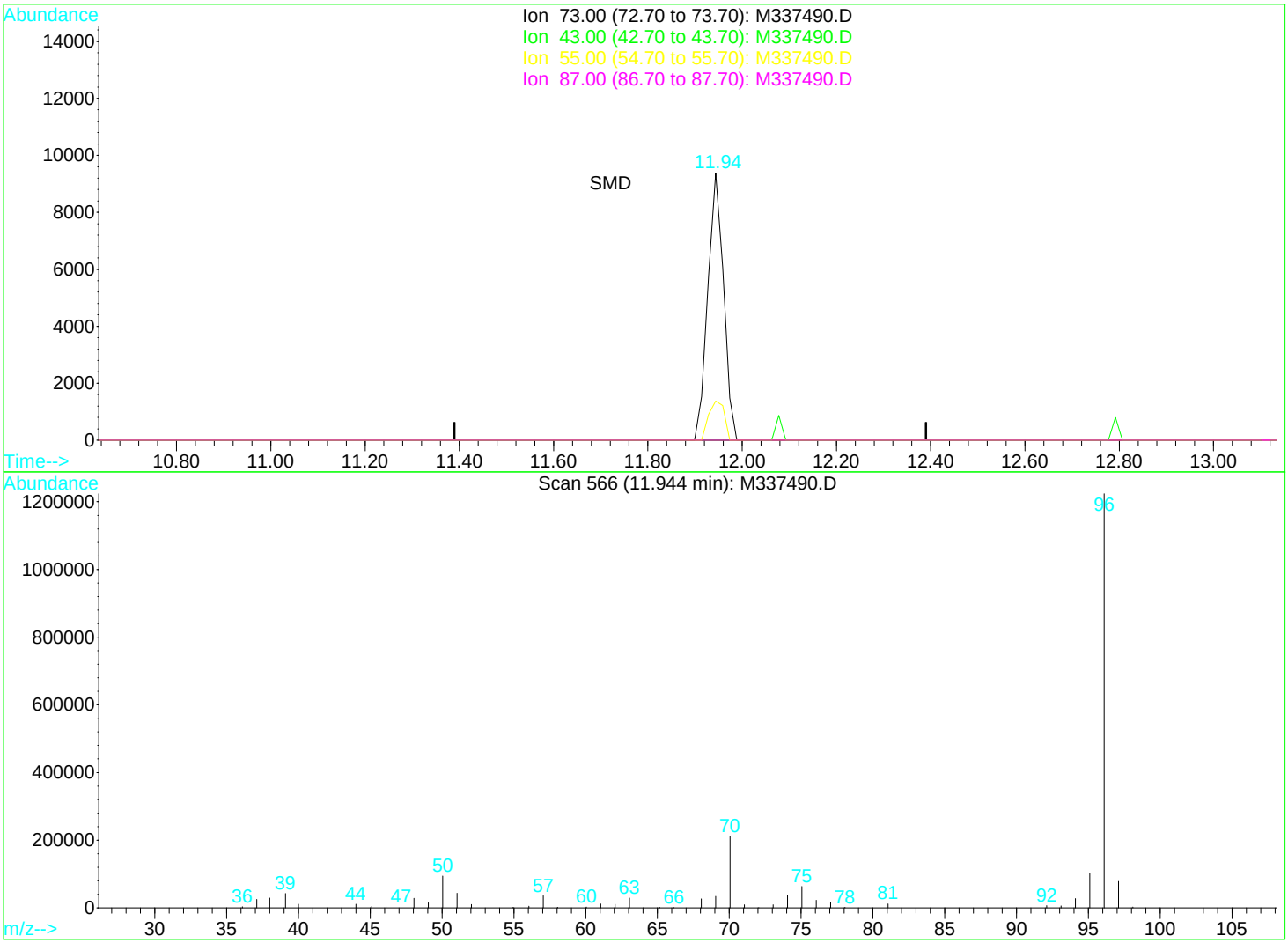
response 2795

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337490.D Vial: 14
Acq On : 3 Dec 2009 3:18 pm Operator: MD
Sample : 0911321-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:20 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337490.D

(43) Tertiary-amyl methyl ether

11.94min 0.47ug/l

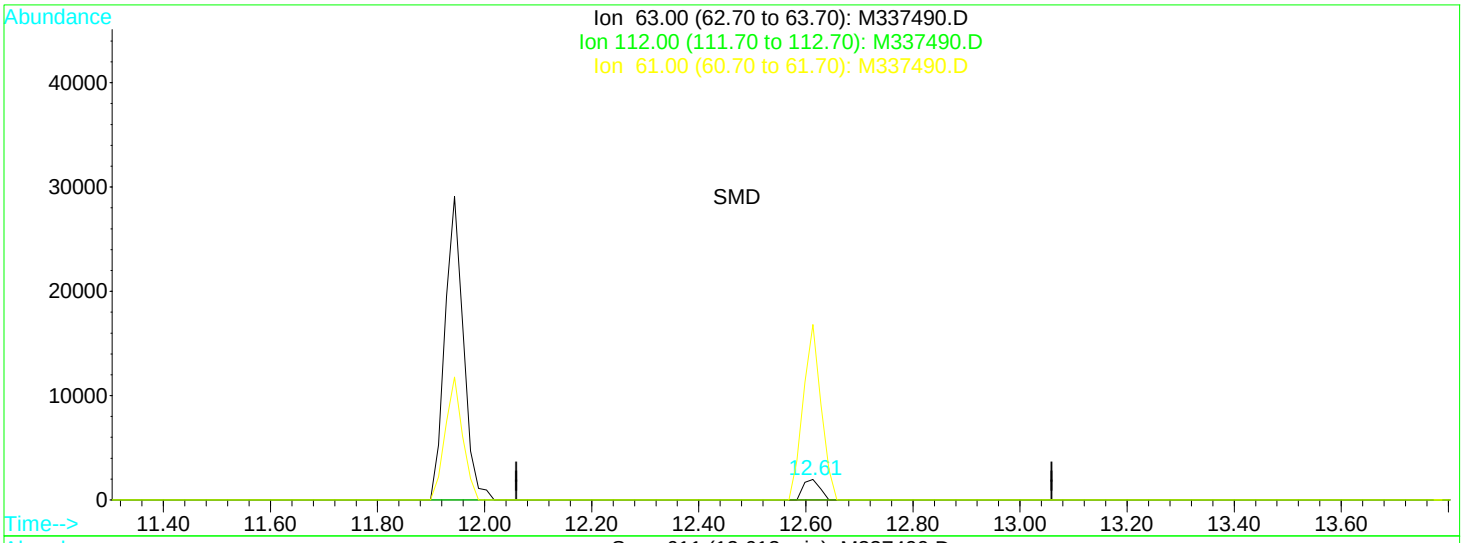
response 21652

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	14.66
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337490.D Vial: 14
Acq On : 3 Dec 2009 3:18 pm Operator: MD
Sample : 0911321-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:20 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337490.D

(45) 1,2-Dichloropropane

12.61min 0.15ug/l

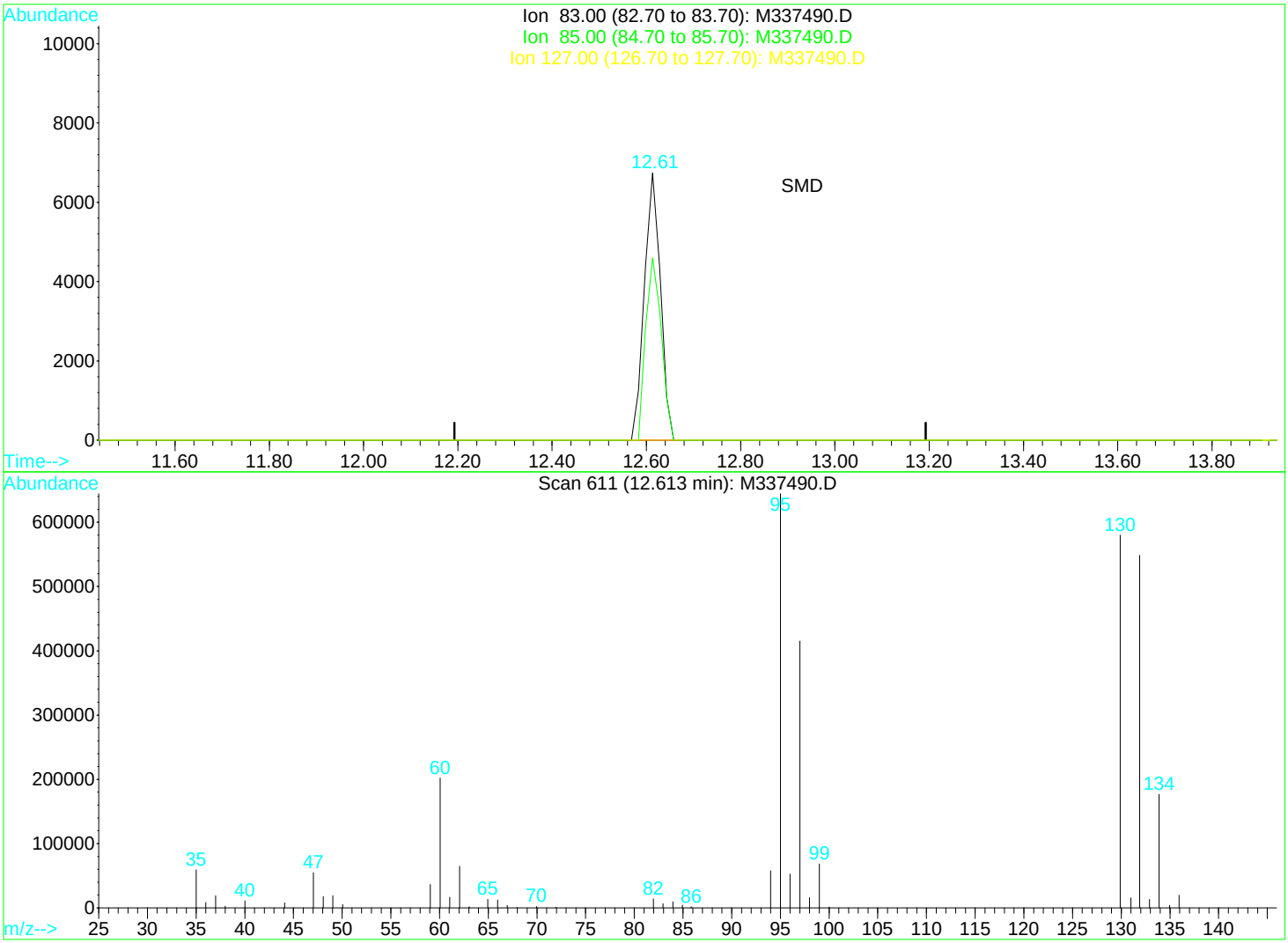
response 4164

Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	861.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337490.D Vial: 14
Acq On : 3 Dec 2009 3:18 pm Operator: MD
Sample : 0911321-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:21 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337490.D

(48) Bromodichloromethane

12.61min 0.48ug/l

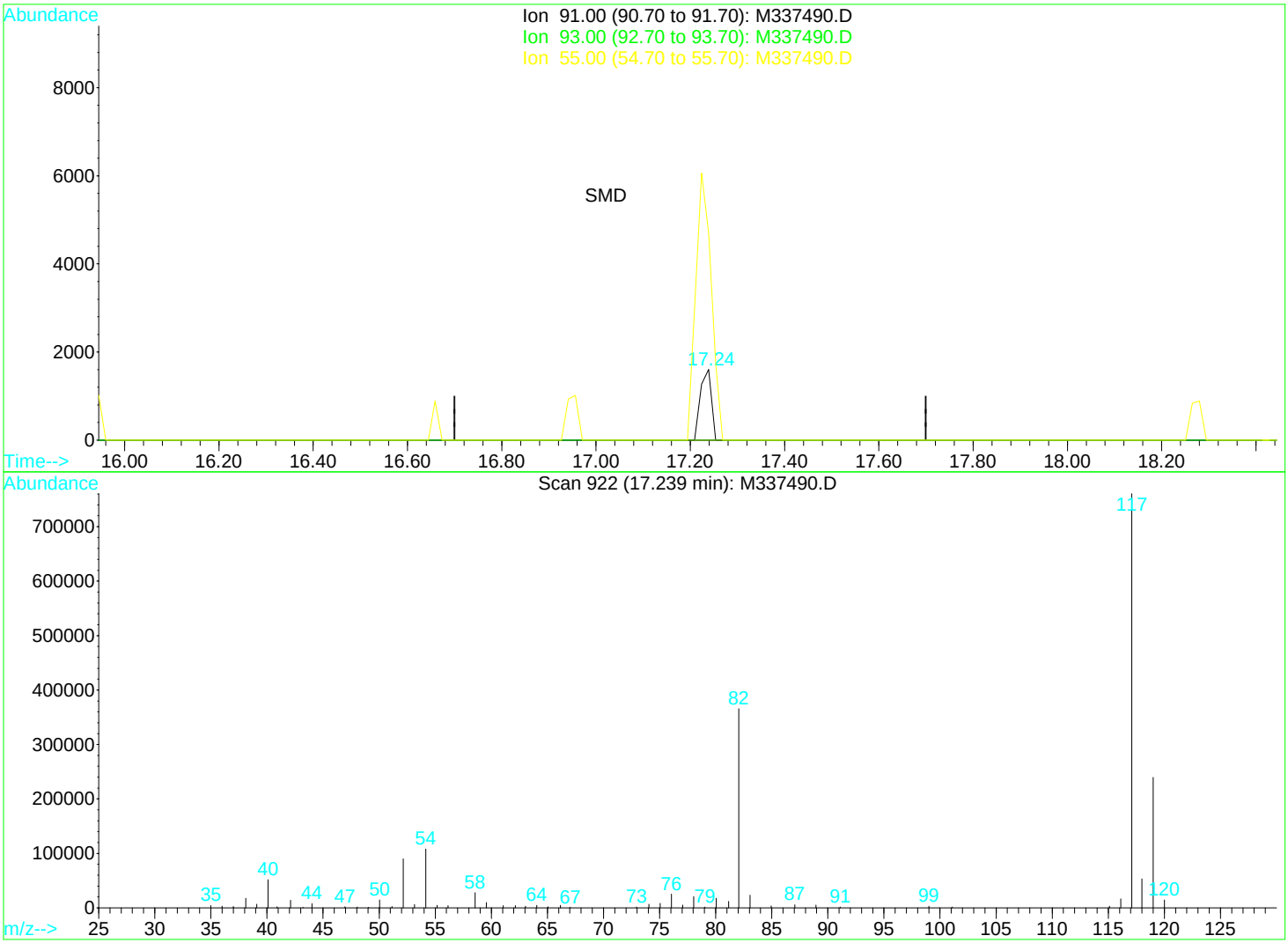
response 15931

Ion	Exp%	Act%
83.00	100	100
85.00	64.00	68.20
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337490.D Vial: 14
Acq On : 3 Dec 2009 3:18 pm Operator: MD
Sample : 0911321-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:21 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337490.D

(66) 1-Chlorohexane

17.24min 0.10ug/l

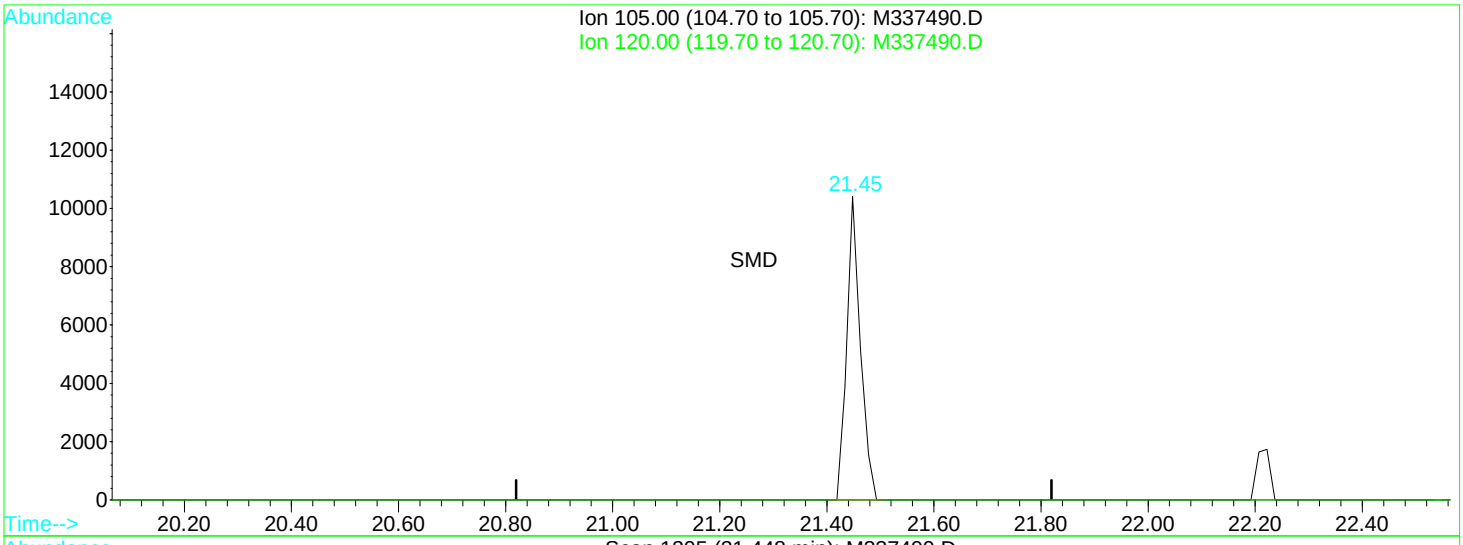
response 2569

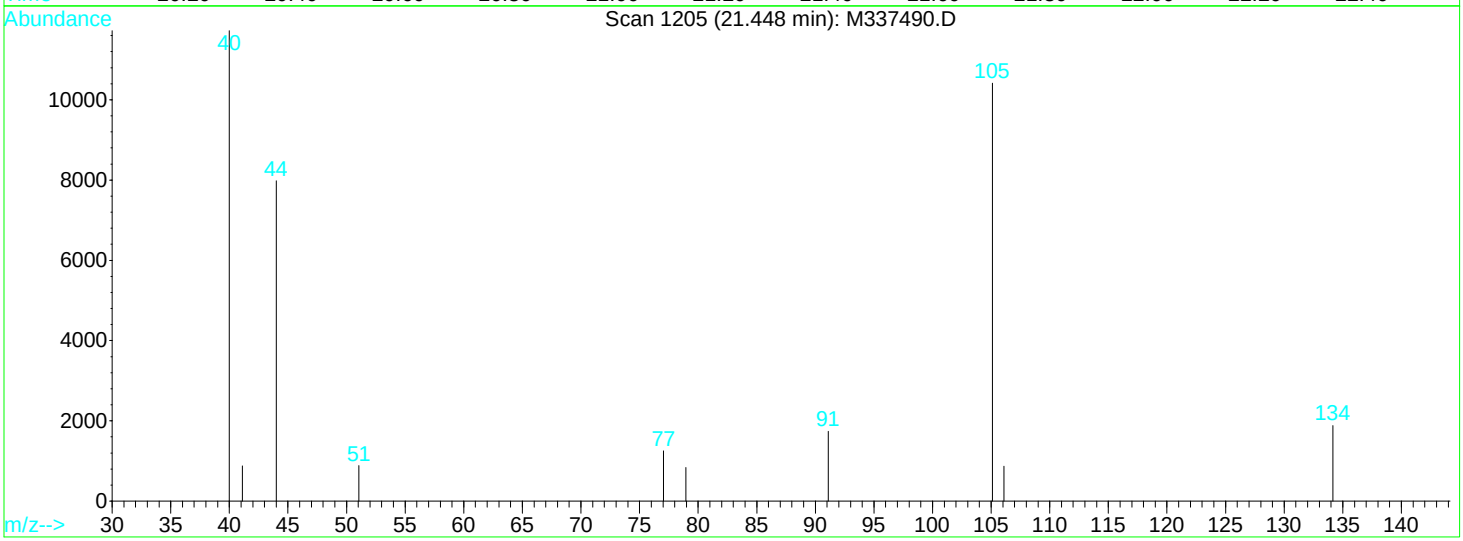
Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	293.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337490.D Vial: 14
Acq On : 3 Dec 2009 3:18 pm Operator: MD
Sample : 0911321-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:21 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337490.D

(88) 1,2,4-Trimethylbenzene

21.45min 0.25ug/l

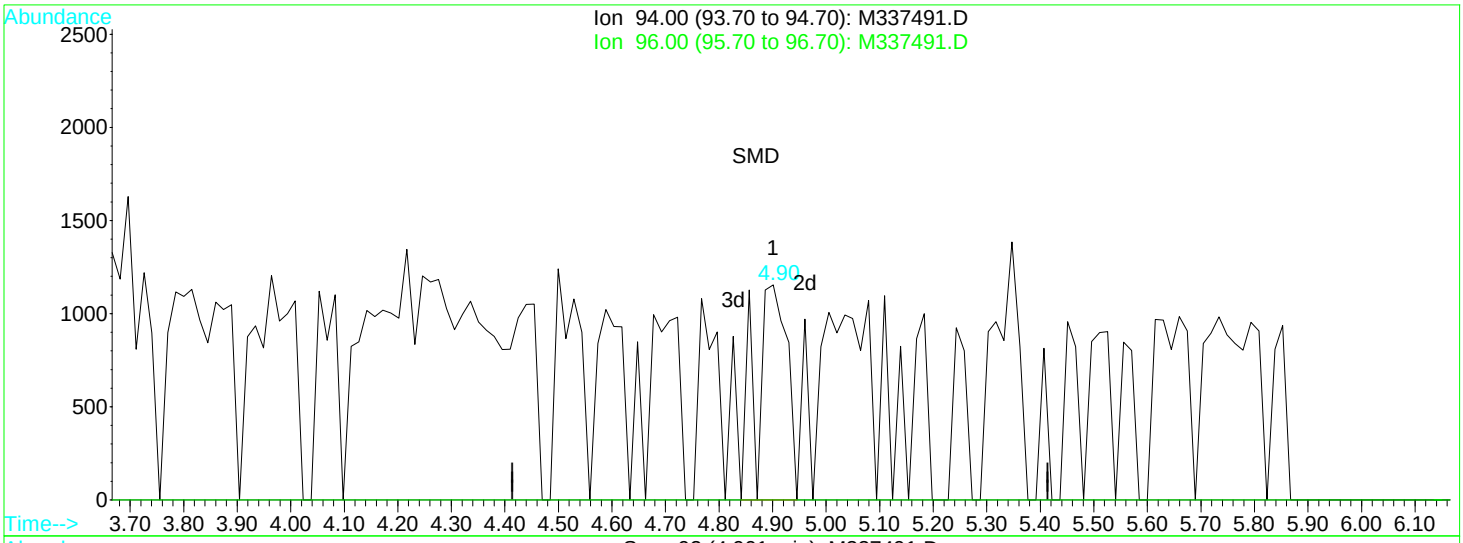
response 18656

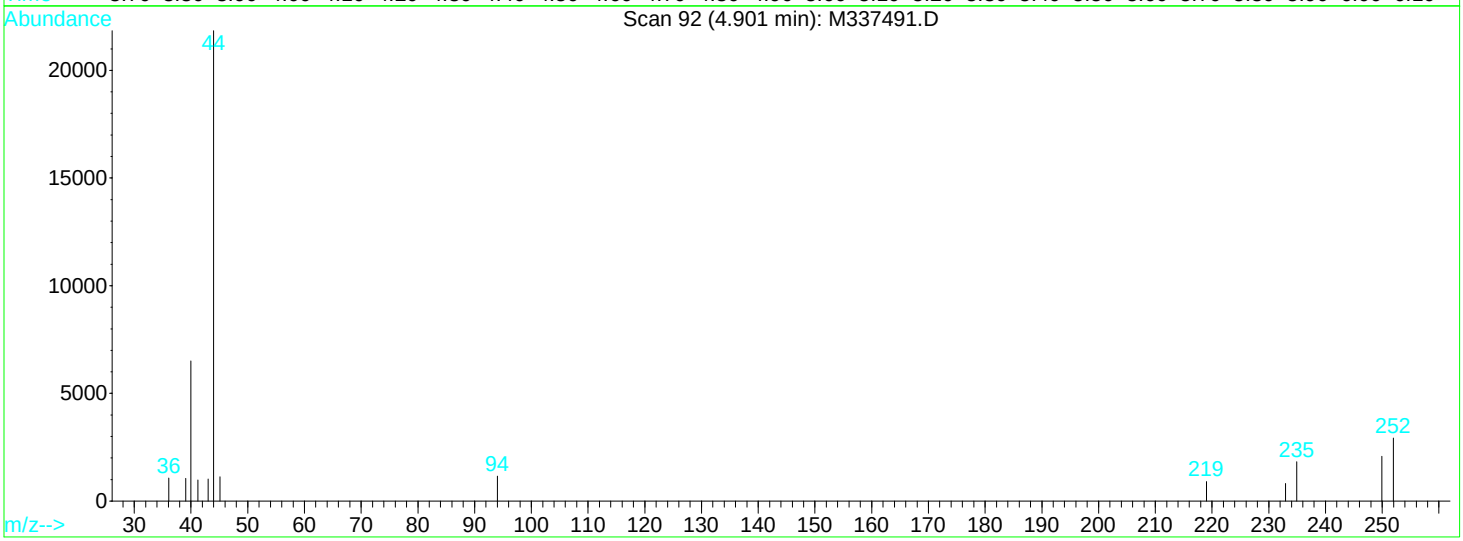
Ion	Exp%	Act%
105.00	100	100
120.00	43.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 16:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337491.D

(5) Bromomethane

4.90min 0.26ug/l

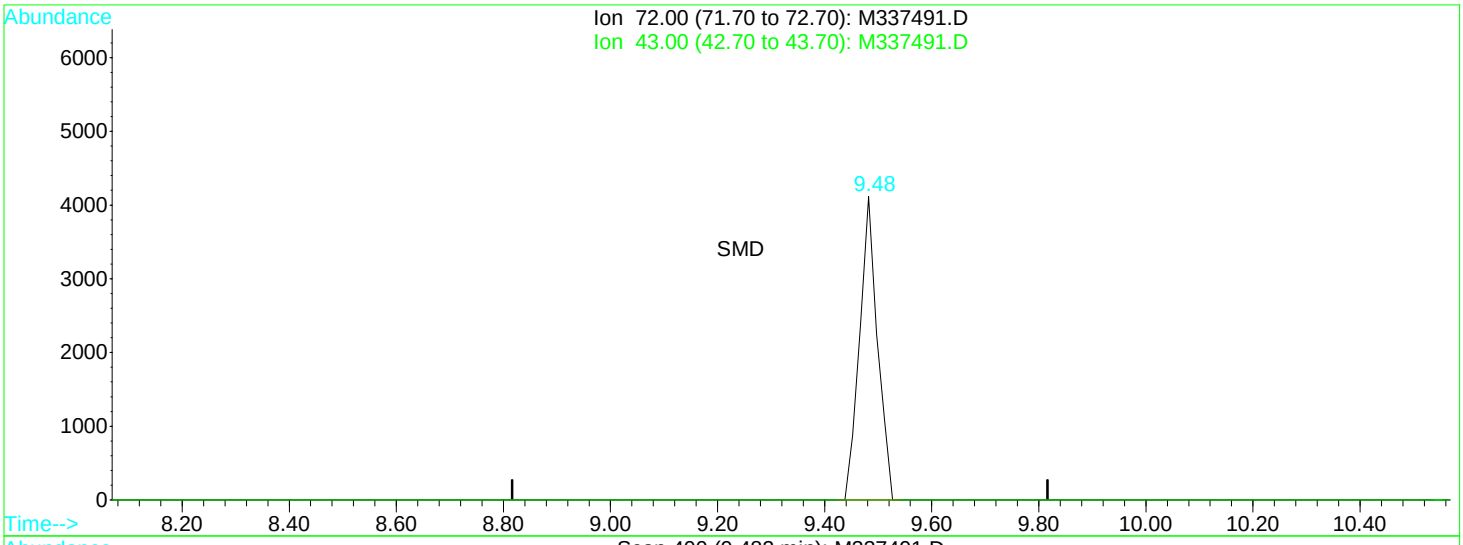
response 4655

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:22 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337491.D

(24) 2-Butanone

9.48min 6.69ug/l

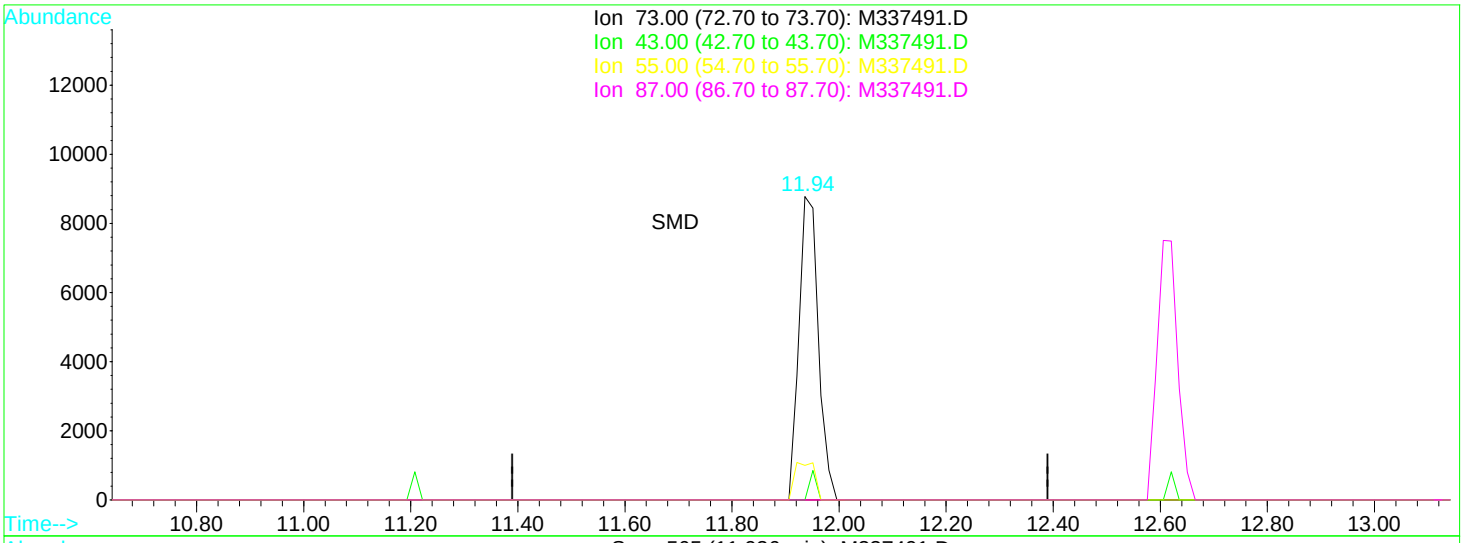
response 9556

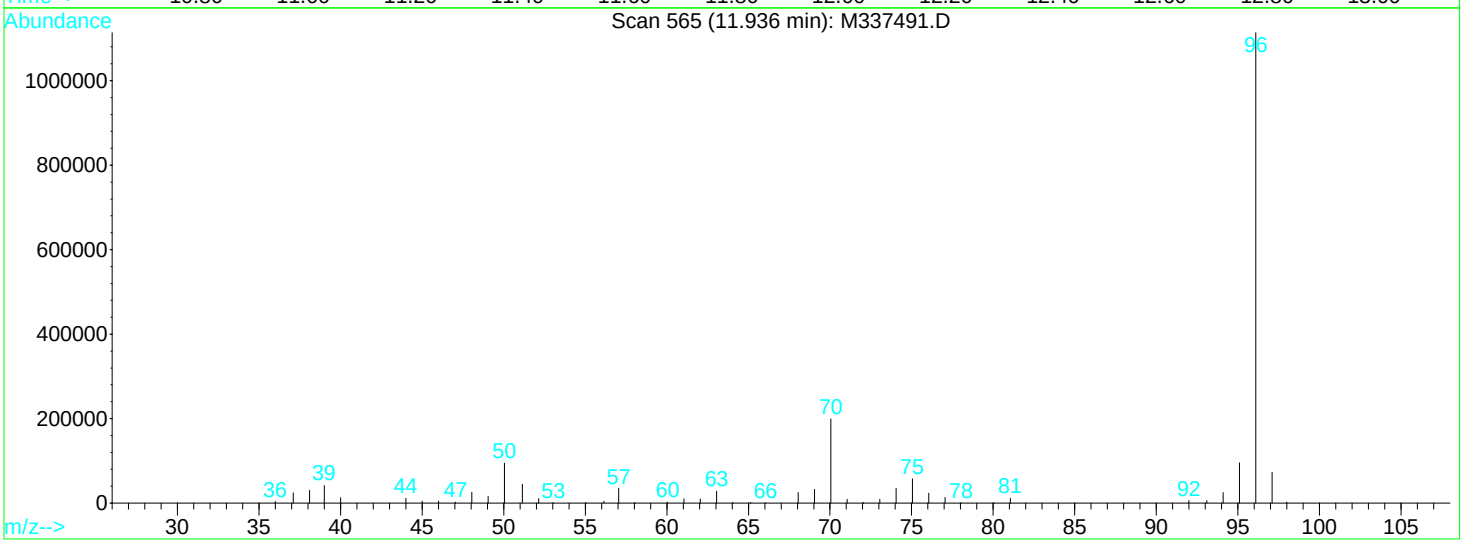
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:23 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337491.D

(43) Tertiary-amyl methyl ether

11.94min 0.47ug/l

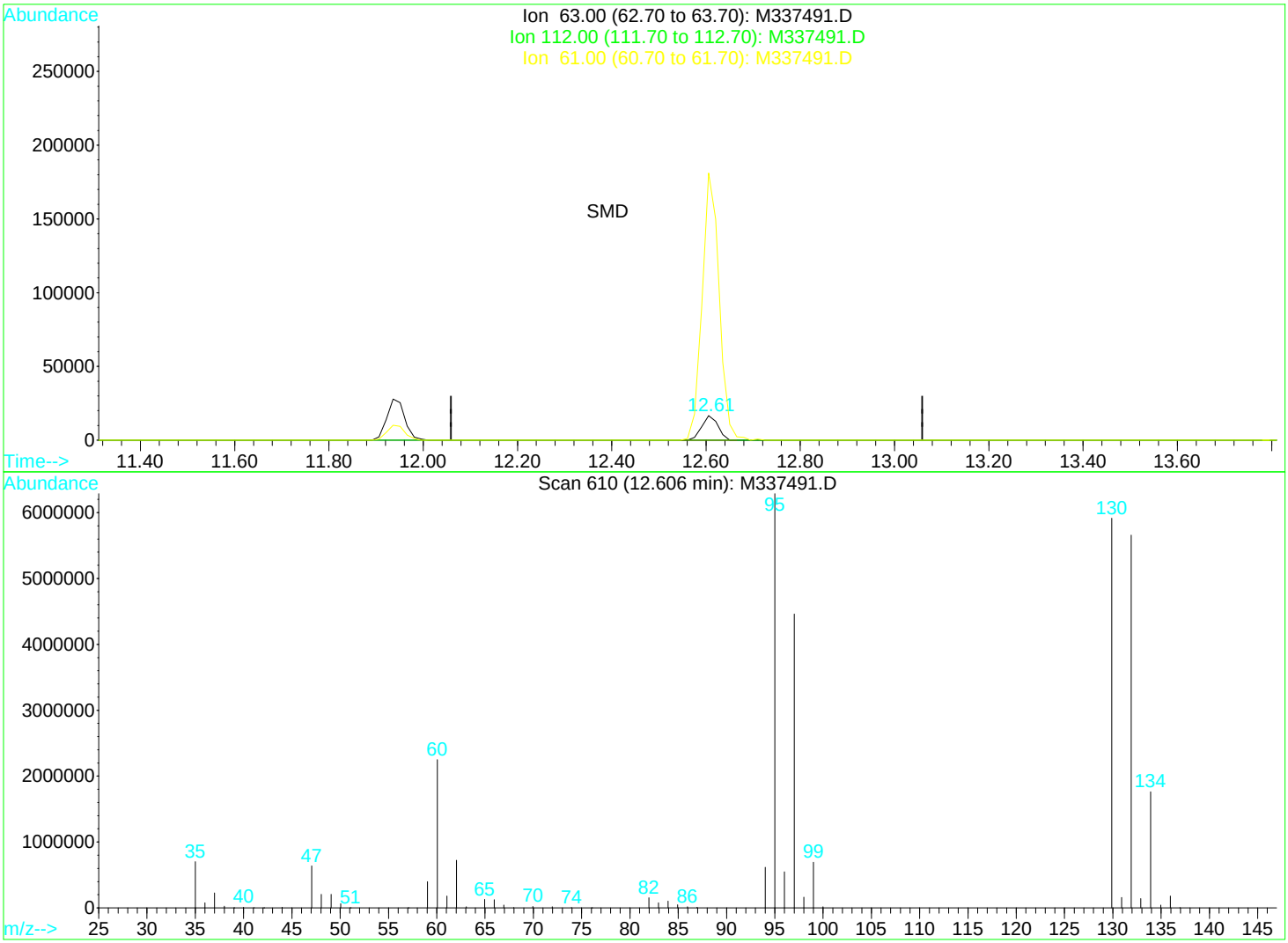
response 22033

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.44
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:23 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337491.D

(45) 1,2-Dichloropropane

12.61min 1.37ug/l

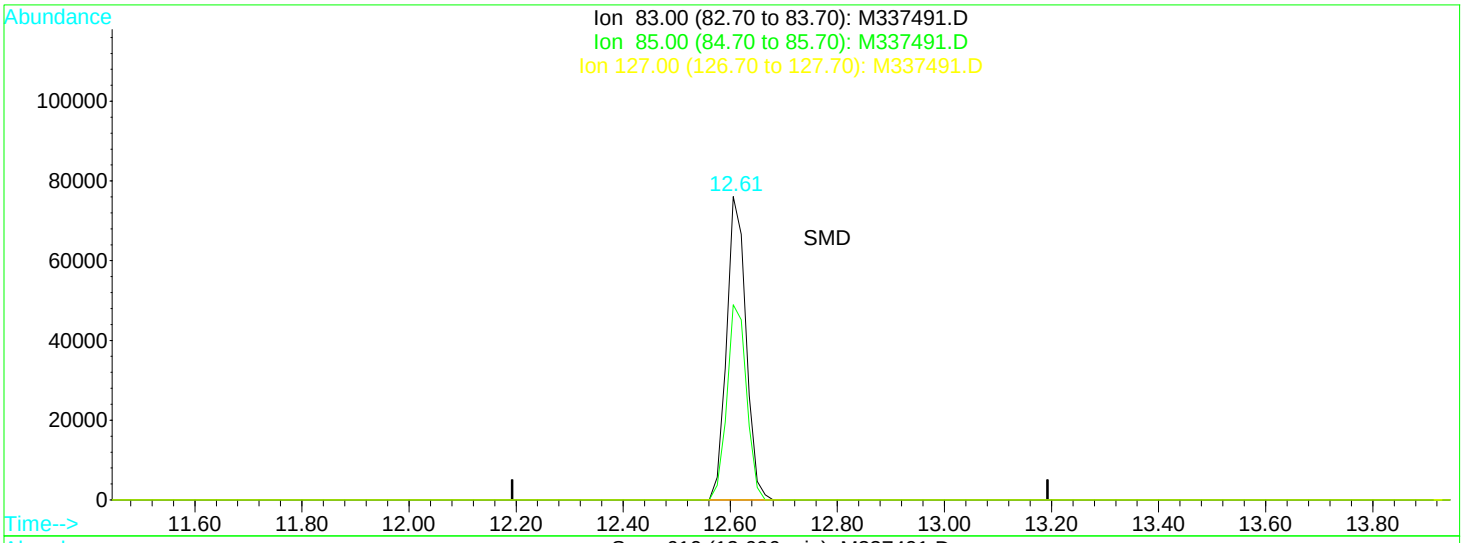
response 39465

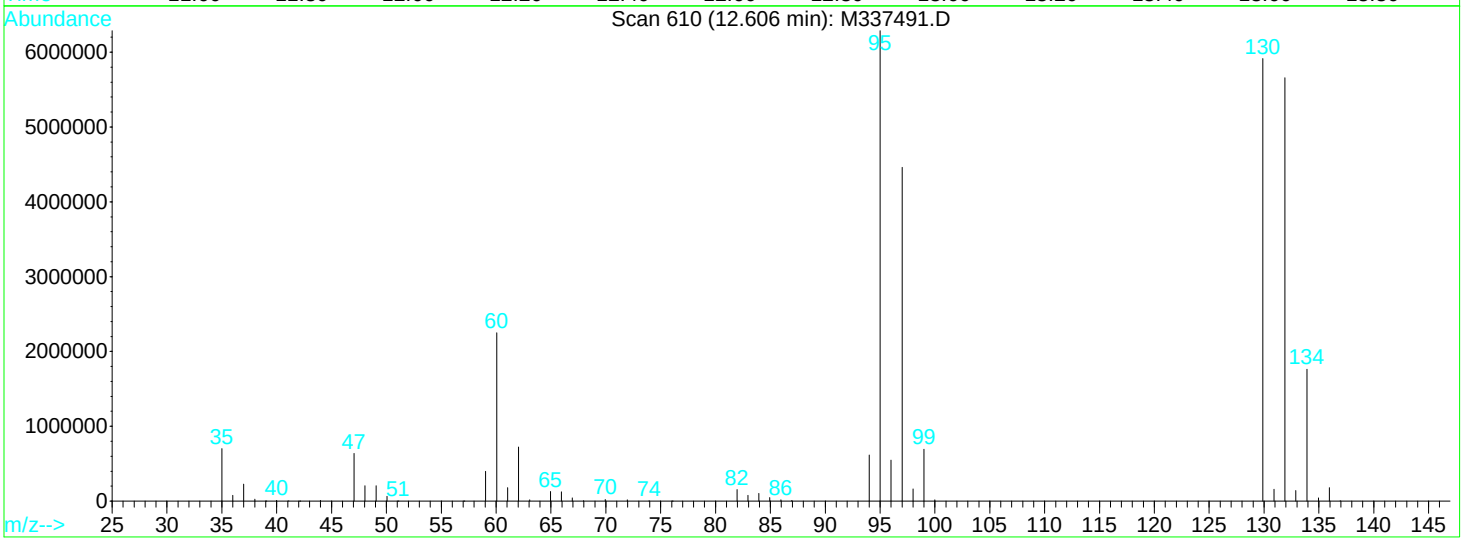
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1093.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:23 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337491.D

(48) Bromodichloromethane

12.61min 5.64ug/l

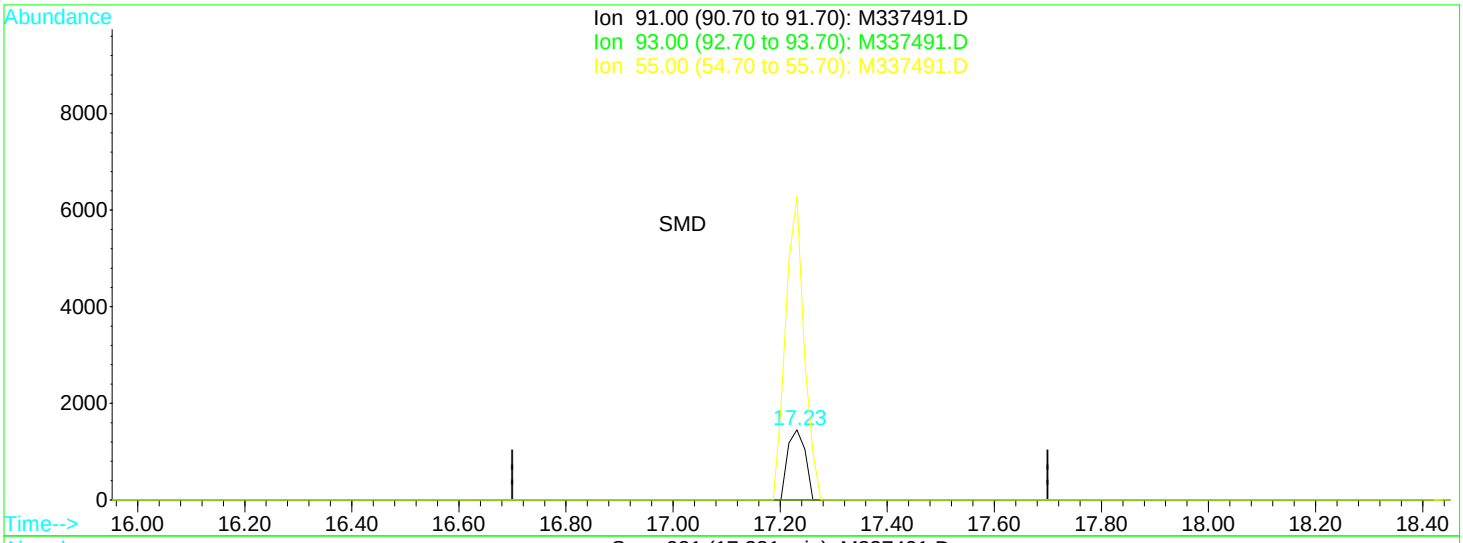
response 190540

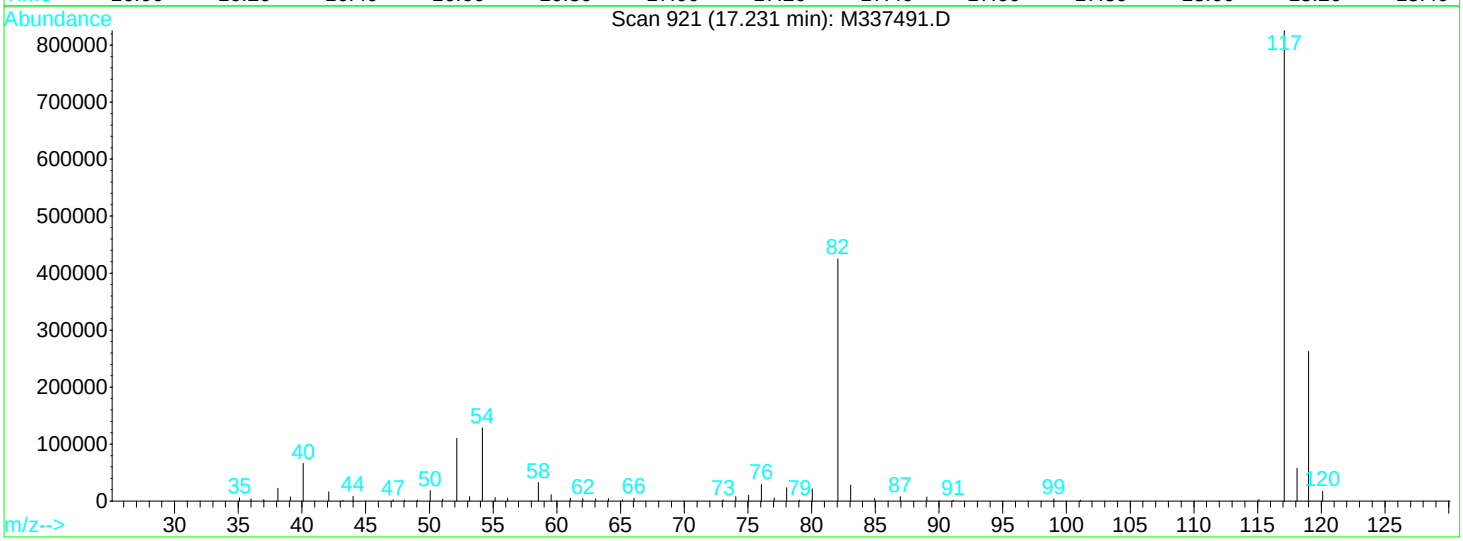
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	64.34
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:23 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337491.D

(66) 1-Chlorohexane

17.23min 0.13ug/l

response 3284

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	433.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:23 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

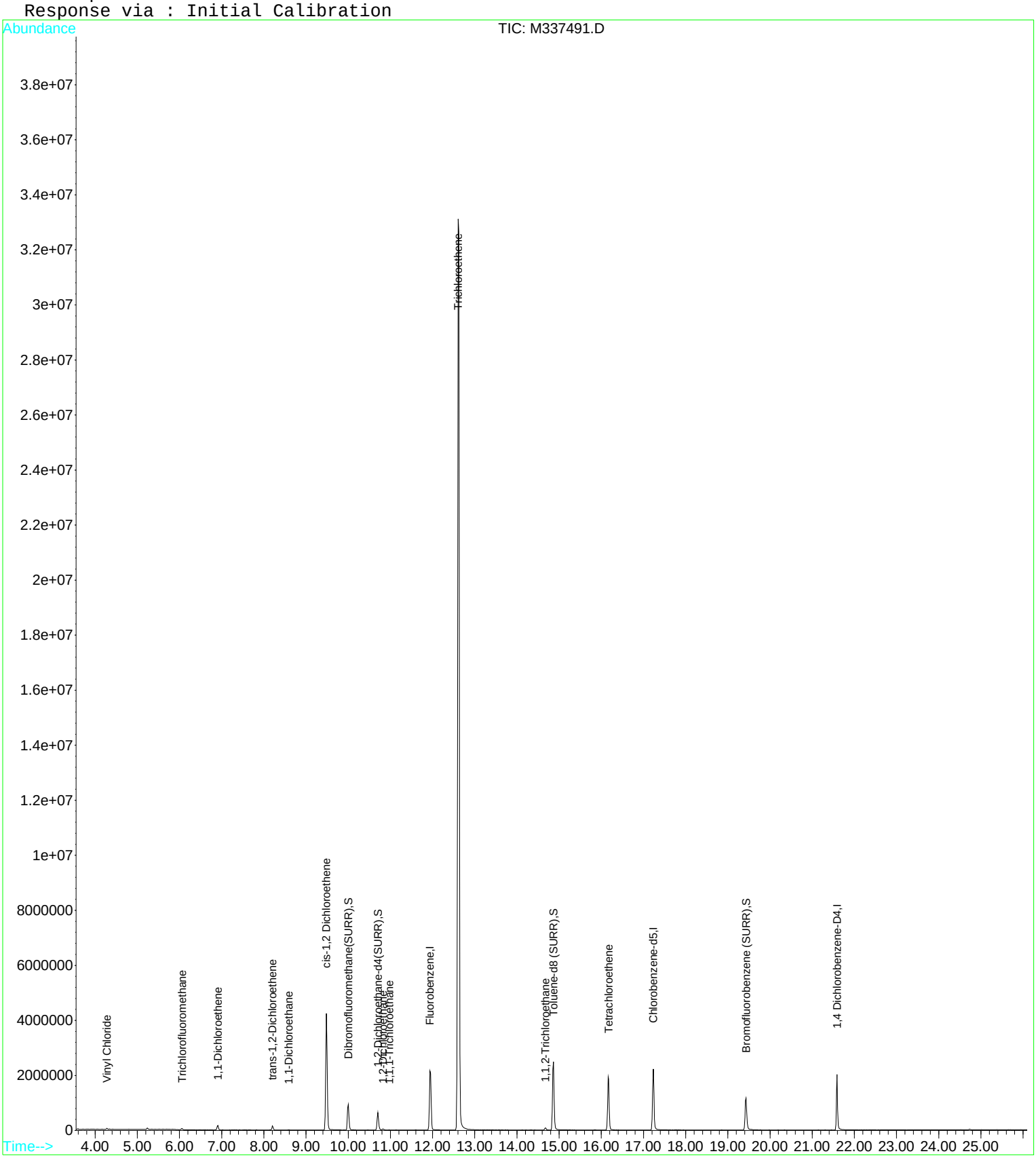
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.94	96	3014001	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.23	117	2065102	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.59	152	755722	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	831429	22.33	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.32%			
41) 1,2-Dichloroethane-d4(SURR	10.70	65	473825	23.22	ug/l	-0.01
Spiked Amount 25.000			Recovery = 92.88%			
59) Toluene-d8 (SURR)	14.87	98	2529242	23.76	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.04%			
75) Bromofluorobenzene (SURR)	19.43	95	863126	23.62	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.48%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.28	62	39115	1.52	ug/l	89
7) Trichlorofluoromethane	6.06	101	55676	1.61	ug/l	97
16) 1,1-Dichloroethene	6.91	96	94055	3.34	ug/l	94
20) trans-1,2-Dichloroethene	8.20	96	83308	2.66	ug/l	95
21) 1,1-Dichloroethane	8.59	63	14052	0.30	ug/l	80
27) cis-1,2 Dichloroethene	9.48	96	2588375	70.96	ug/l	99
36) 1,1,1-Trichloroethane	10.97	97	3534	0.10	ug/l	88
42) 1,2-Dichloroethane	10.82	62	35101	1.48	ug/l	97
44) Trichloroethene	12.61	95	17198584	547.54	ug/l	97
56) 1,1,2-Trichloroethane	14.67	83	36668	1.83	ug/l	97
63) Tetrachloroethene	16.18	164	706346	36.70	ug/l	96

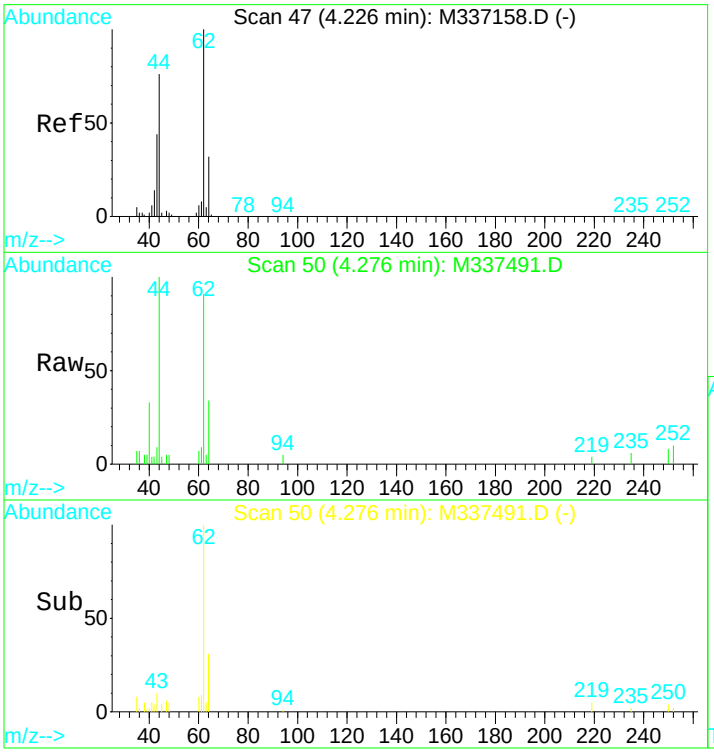
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337491.D Vial: 15
Acq On : 3 Dec 2009 3:50 pm Operator: MD
Sample : 0911321-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:23 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

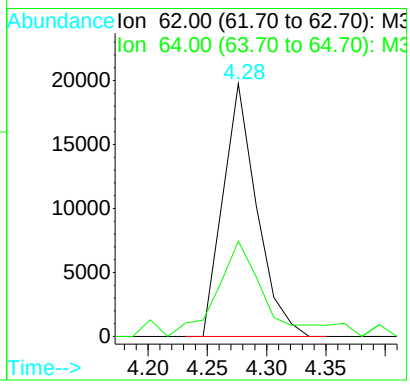


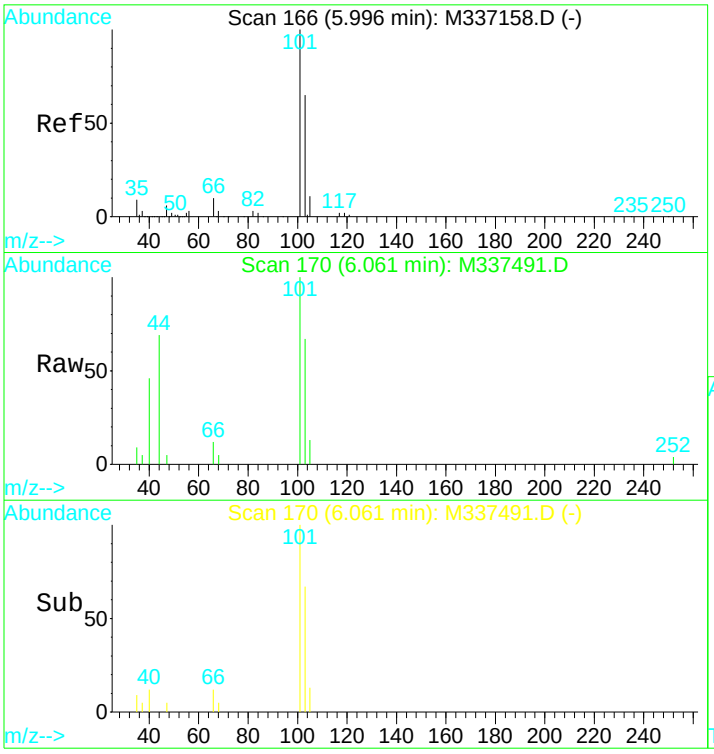


#4
Vinyl Chloride
Concen: 1.52 ug/l
RT: 4.28 min Scan# 50
Delta R.T. 0.00 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 62 Resp: 39115

Ion	Ratio	Lower	Upper
62	100		
64	37.7	1.8	61.8

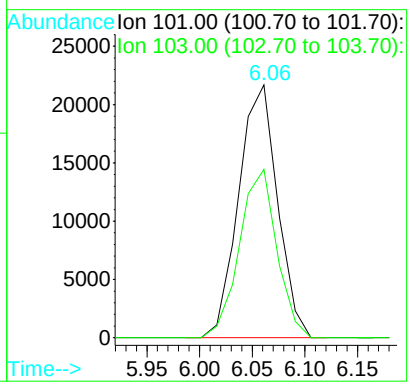


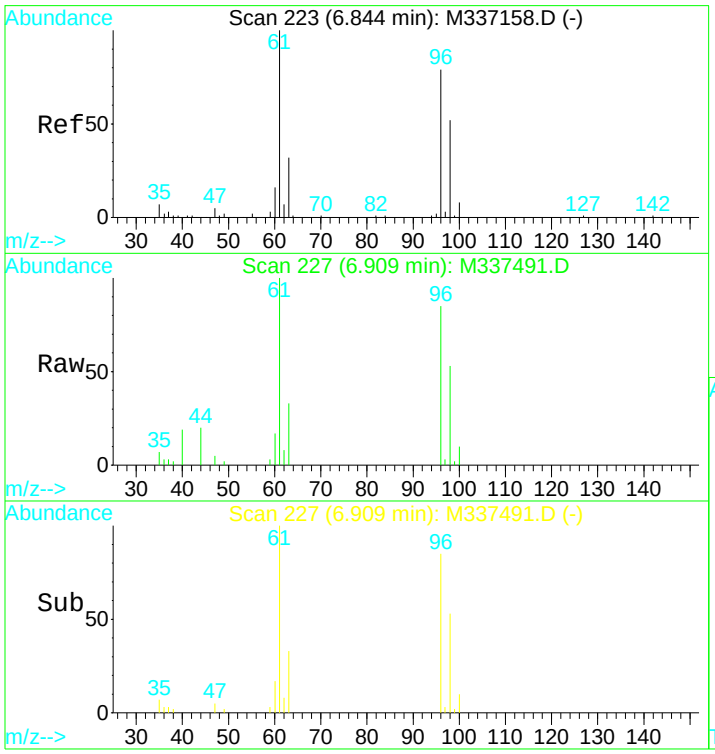


#7
Trichlorofluoromethane
Concen: 1.61 ug/l
RT: 6.06 min Scan# 170
Delta R.T. 0.00 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion:101 Resp: 55676

Ion	Ratio	Lower	Upper
101	100		
103	66.7	34.5	94.5

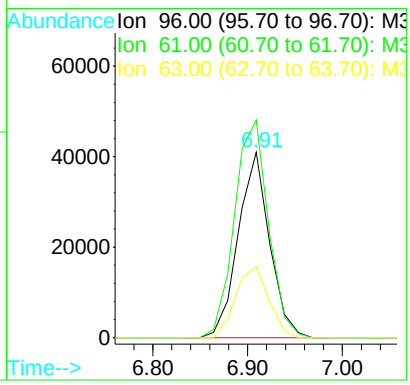


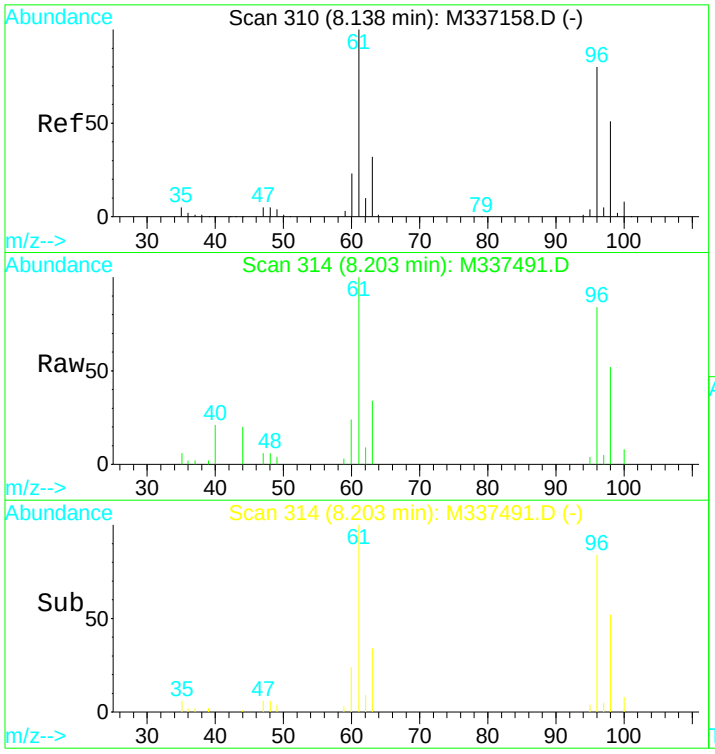


#16
1,1-Dichloroethene
Concen: 3.34 ug/l
RT: 6.91 min Scan# 227
Delta R.T. -0.01 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 96 Resp: 94055

Ion	Ratio	Lower	Upper
96	100		
61	117.4	96.1	156.1
63	38.4	10.0	70.0

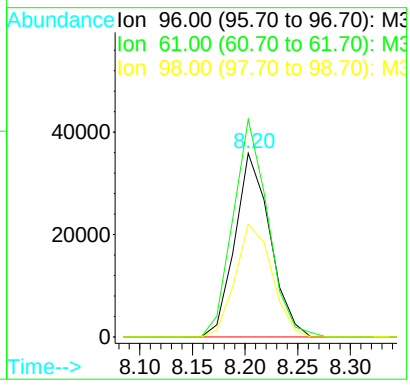


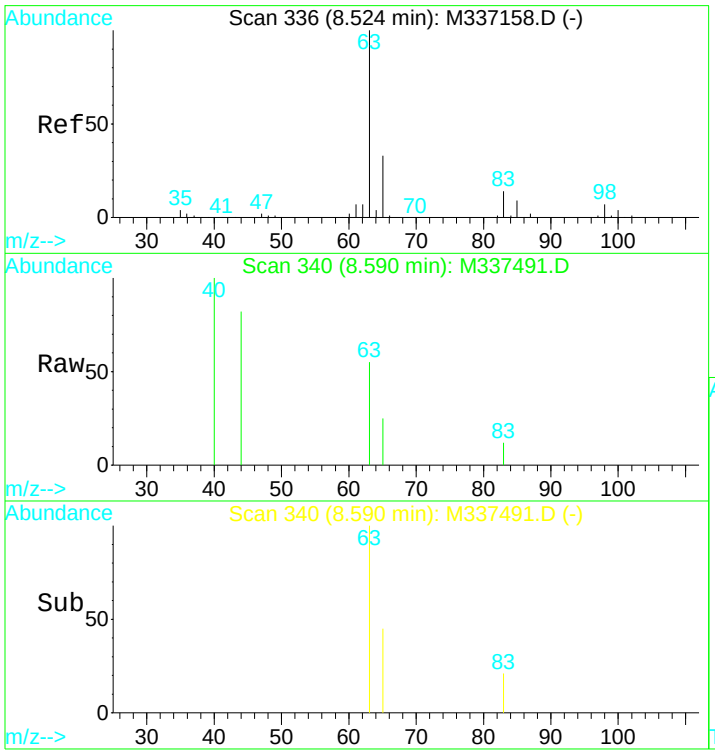


#20
trans-1,2-Dichloroethene
Concen: 2.66 ug/l
RT: 8.20 min Scan# 314
Delta R.T. -0.01 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 96 Resp: 83308

Ion	Ratio	Lower	Upper
96	100		
61	118.5	95.0	155.0
98	61.3	33.4	93.4

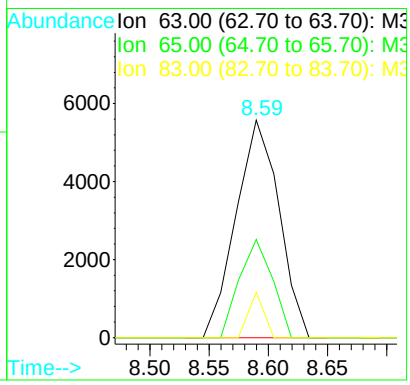


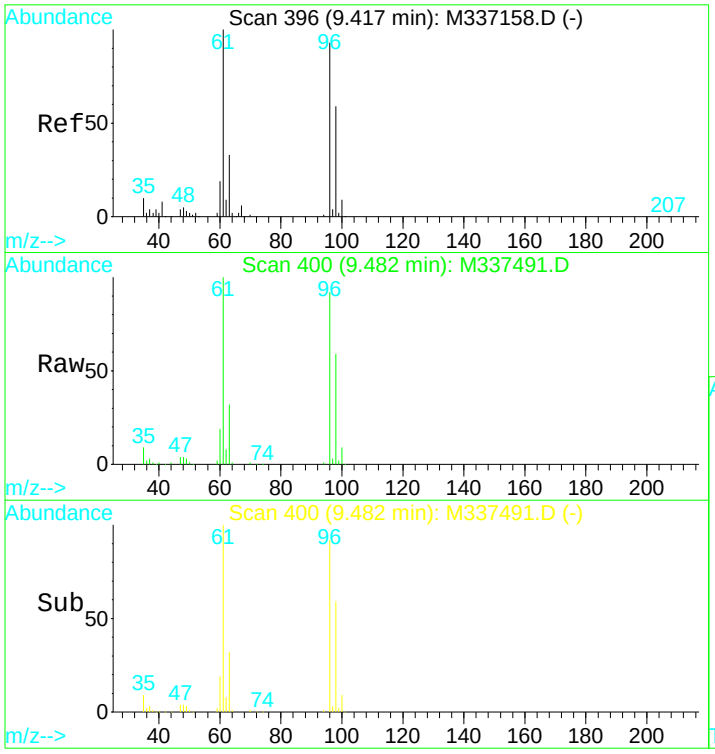


#21
1,1-Dichloroethane
Concen: 0.30 ug/l
RT: 8.59 min Scan# 340
Delta R.T. -0.01 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 63 Resp: 14052

Ion	Ratio	Lower	Upper
63	100		
65	45.1	2.9	62.9
83	20.8	0.0	44.2

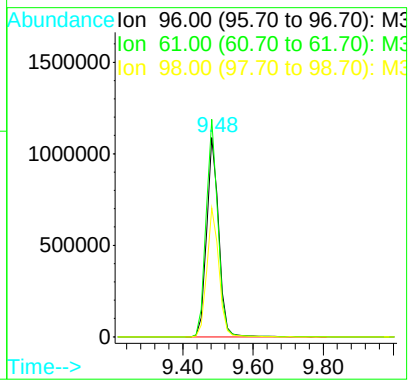


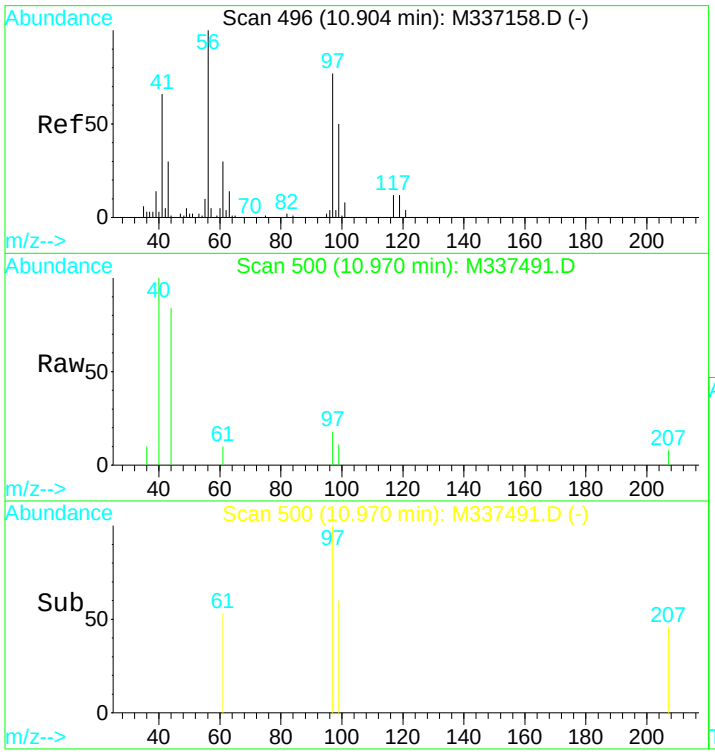


#27
cis-1,2 Dichloroethene
Concen: 70.96 ug/l
RT: 9.48 min Scan# 400
Delta R.T. -0.01 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 96 Resp: 2588375

Ion	Ratio	Lower	Upper
96	100		
61	109.2	77.5	137.5
98	64.7	33.9	93.9

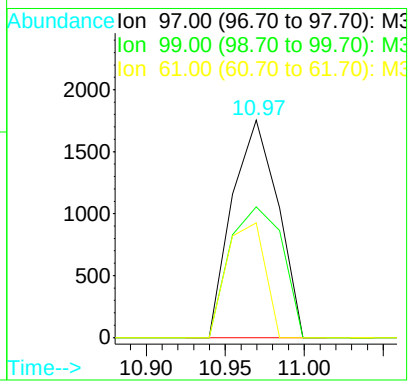


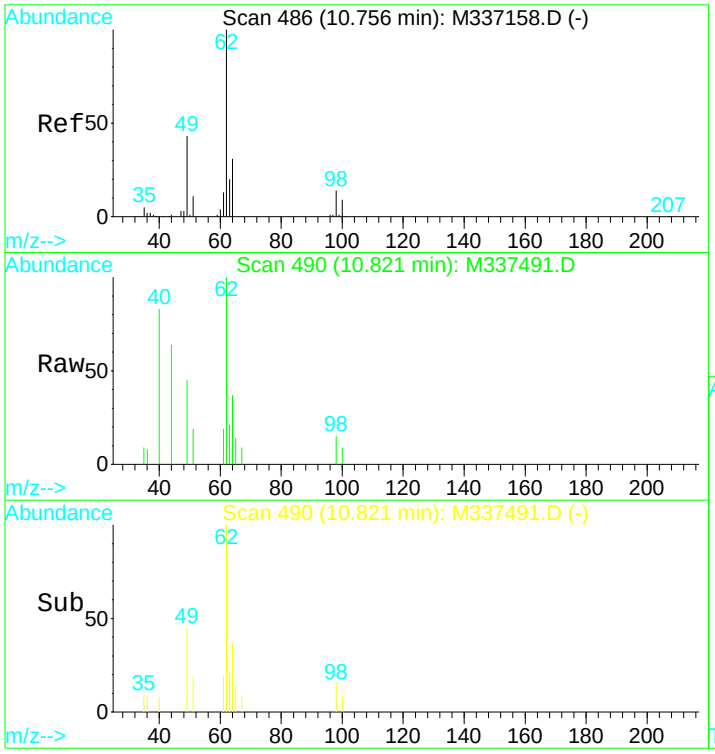


#36
1,1,1-Trichloroethane
Concen: 0.10 ug/l
RT: 10.97 min Scan# 500
Delta R.T. -0.01 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 97 Resp: 3534

Ion	Ratio	Lower	Upper
97	100		
99	60.1	34.9	94.9
61	52.8	9.8	69.8

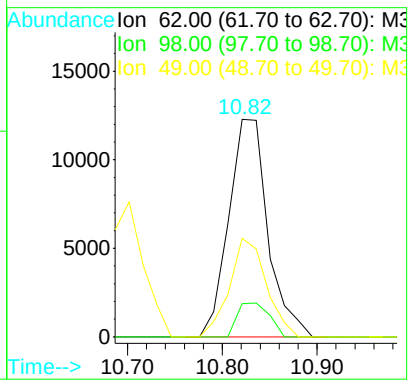


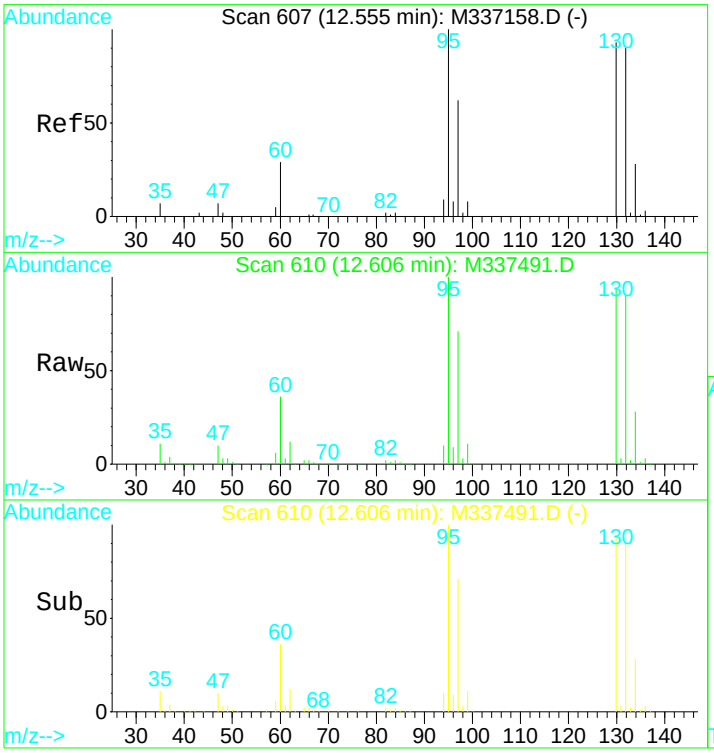


#42
1,2-Dichloroethane
Concen: 1.48 ug/l
RT: 10.82 min Scan# 490
Delta R.T. -0.01 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 62 Resp: 35101

Ion	Ratio	Lower	Upper
62	100		
98	15.3	0.0	44.4
49	45.3	13.0	73.0

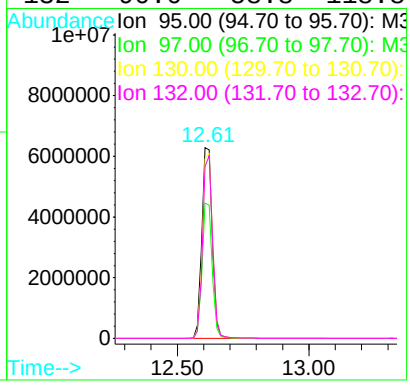


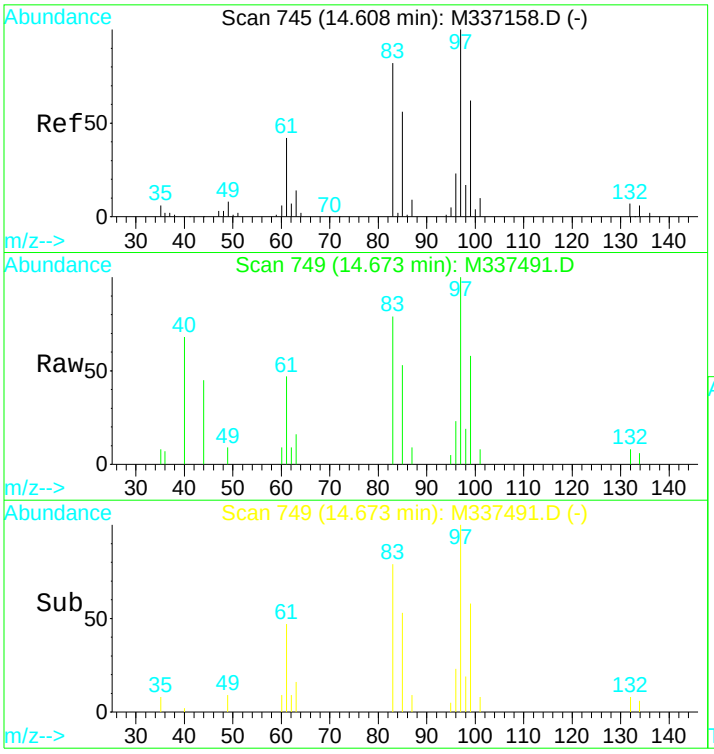


#44
Trichloroethene
Concen: 547.54 ug/l
RT: 12.61 min Scan# 610
Delta R.T. -0.01 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 95 Resp:17198584

Ion	Ratio	Lower	Upper
95	100		
97	70.9	35.0	95.0
130	94.1	62.7	122.7
132	90.0	58.8	118.8

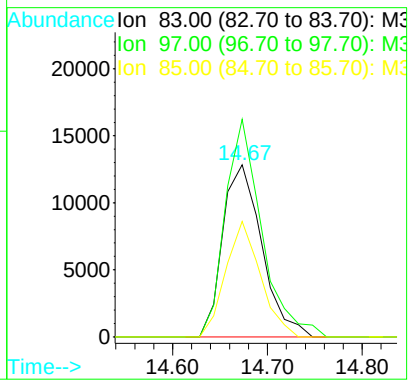


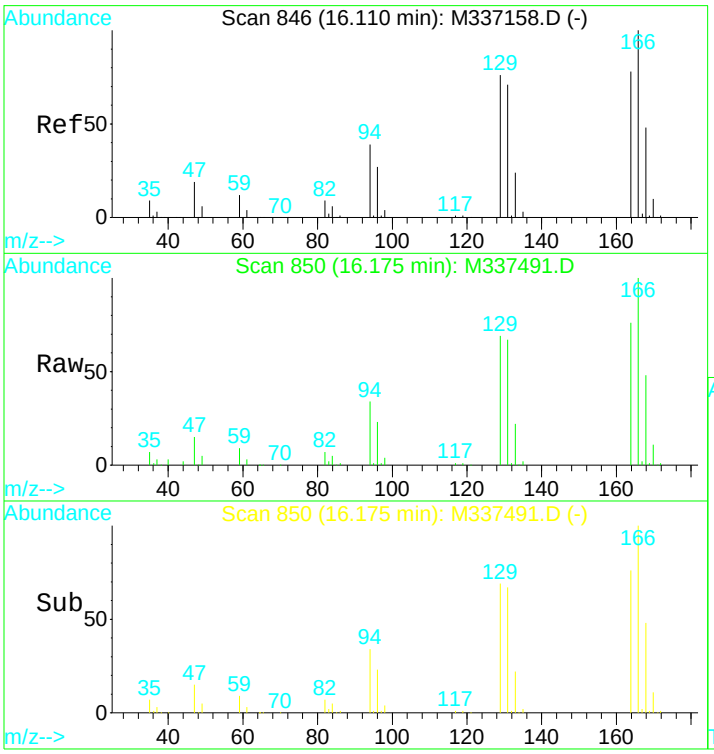


#56
1,1,2-Trichloroethane
Concen: 1.83 ug/l
RT: 14.67 min Scan# 749
Delta R.T. 0.00 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion: 83 Resp: 36668

Ion	Ratio	Lower	Upper
83	100		
97	126.4	91.3	151.3
85	67.0	37.4	97.4

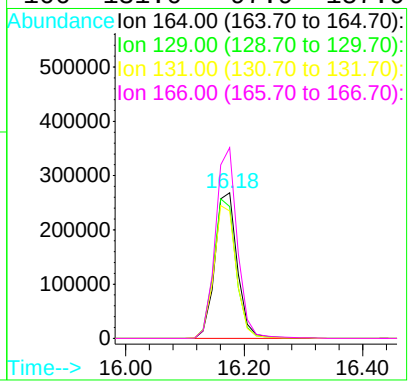




#63
Tetrachloroethene
Concen: 36.70 ug/l
RT: 16.18 min Scan# 850
Delta R.T. 0.00 min
Lab File: M337491.D
Acq: 3 Dec 2009 3:50 pm

Tgt Ion:164 Resp: 706346

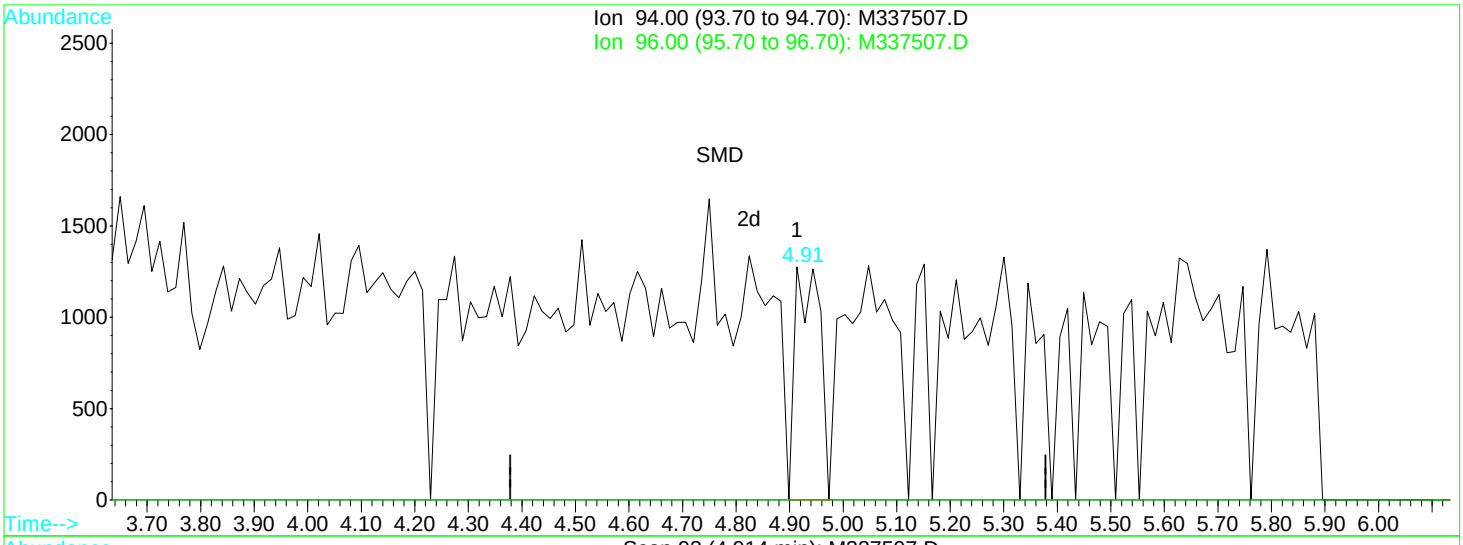
Ion	Ratio	Lower	Upper
164	100		
129	90.6	66.7	126.7
131	87.5	61.4	121.4
166	131.0	97.9	157.9

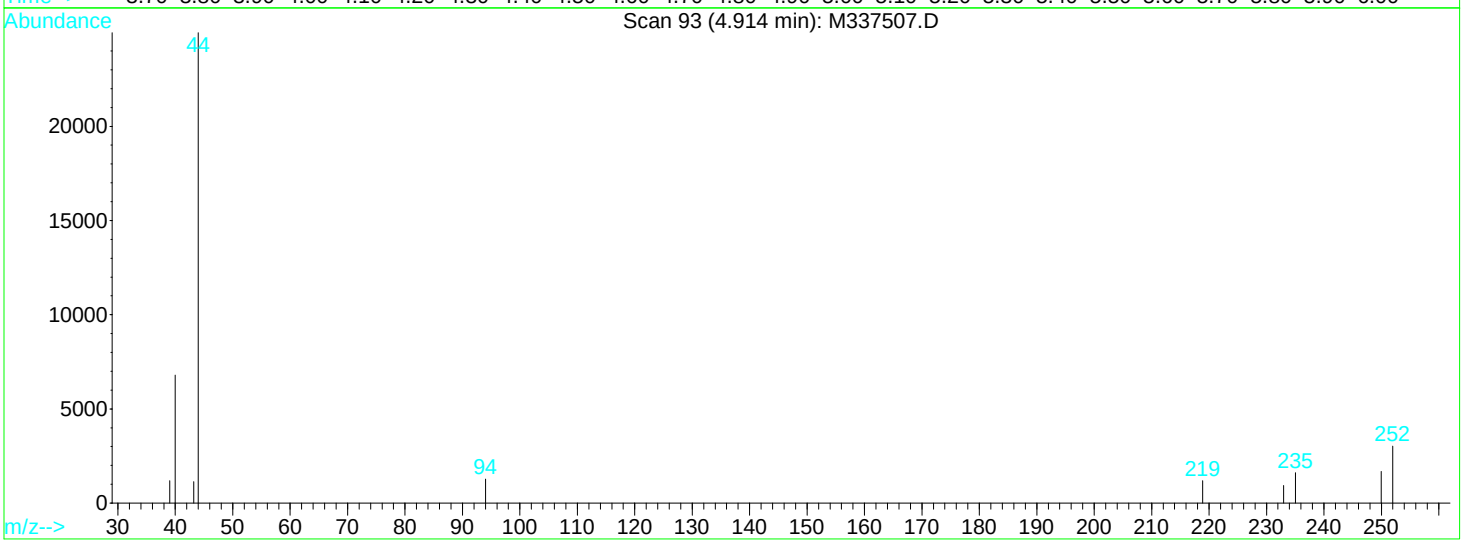


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337507.D

(5) Bromomethane

4.91min 0.24ug/l

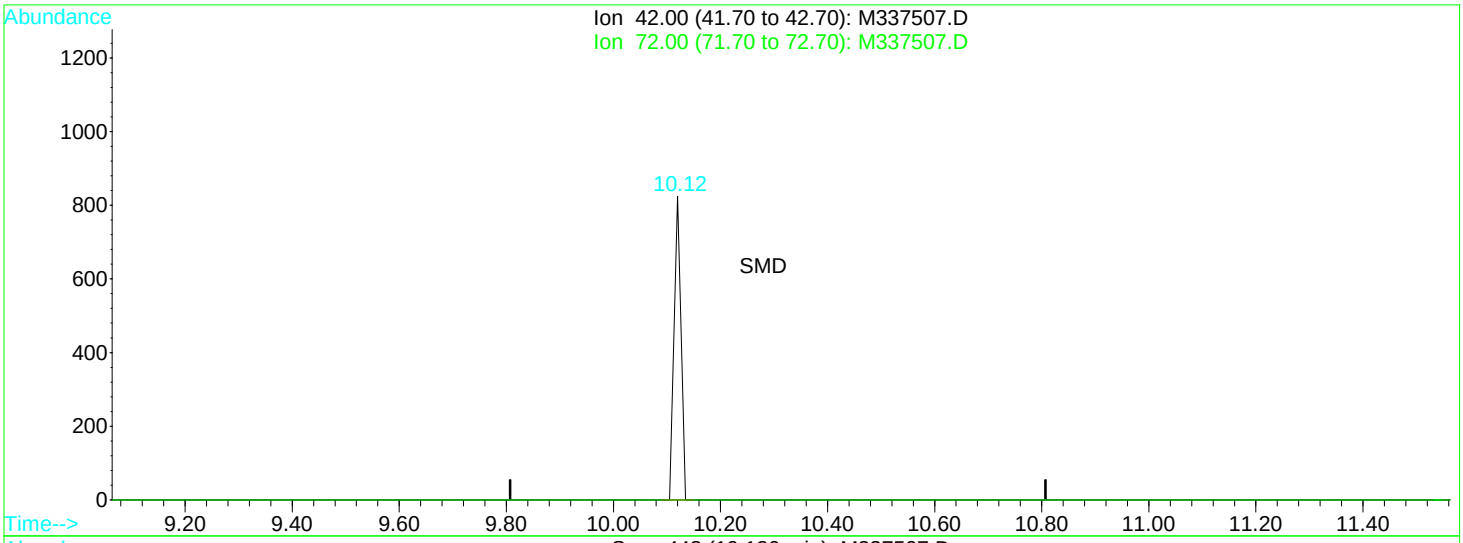
response 4053

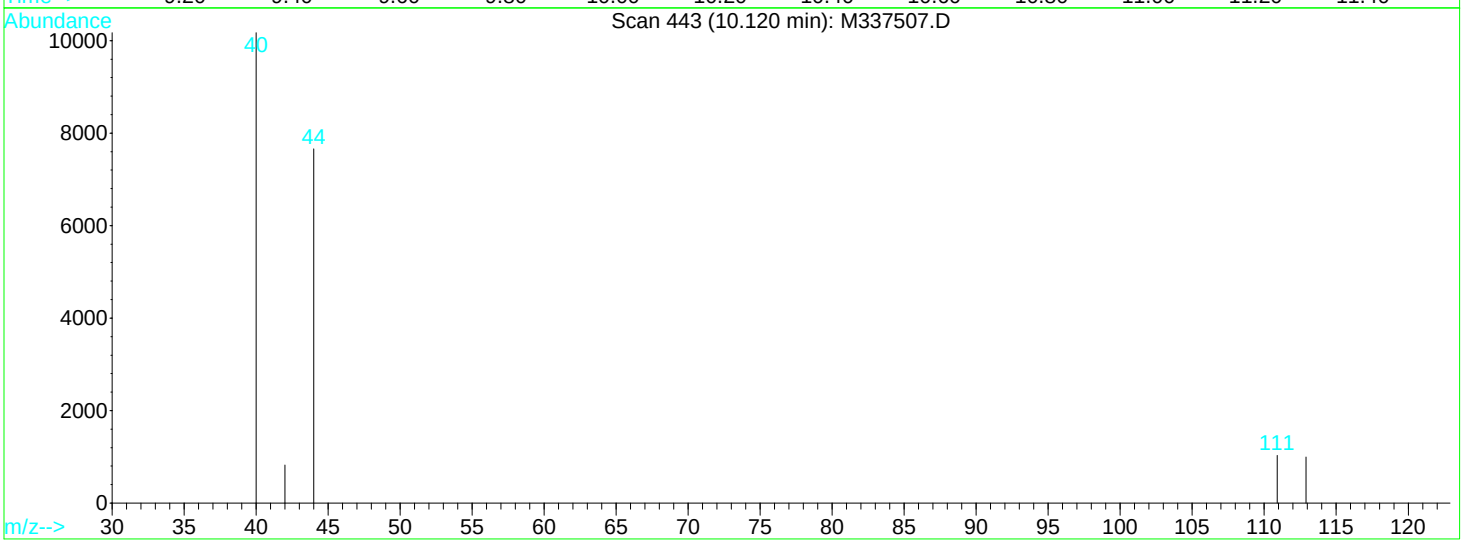
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337507.D

(32) Tetrahydrofuran

10.12min 0.16ug/l

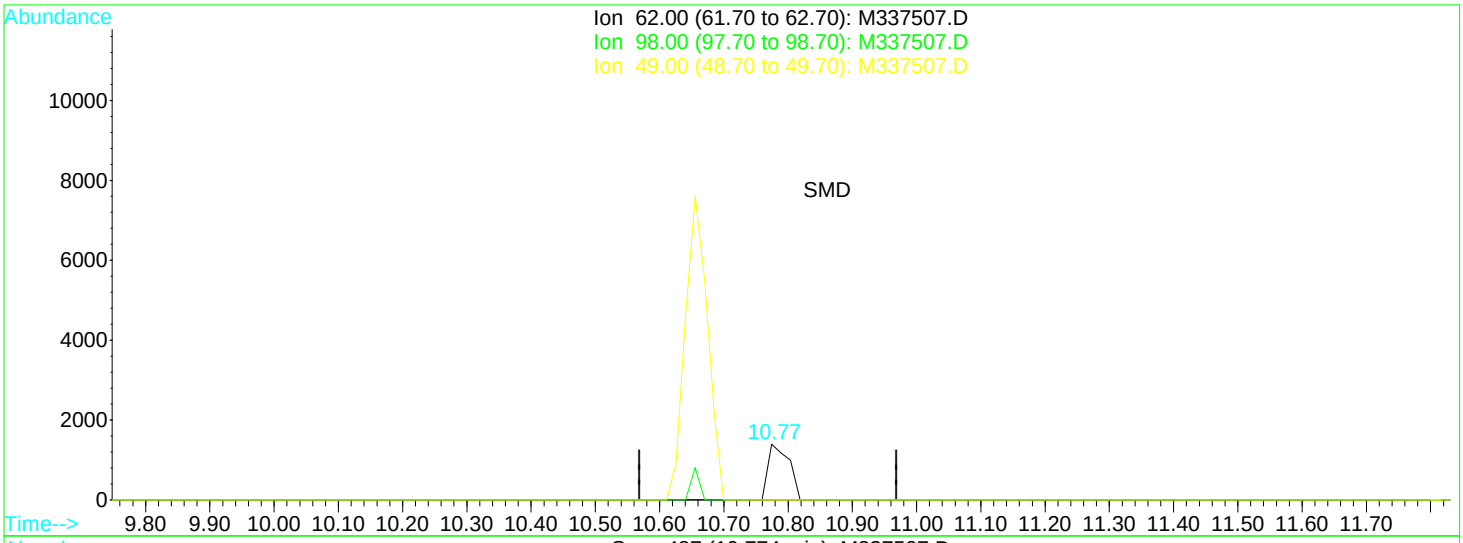
response 735

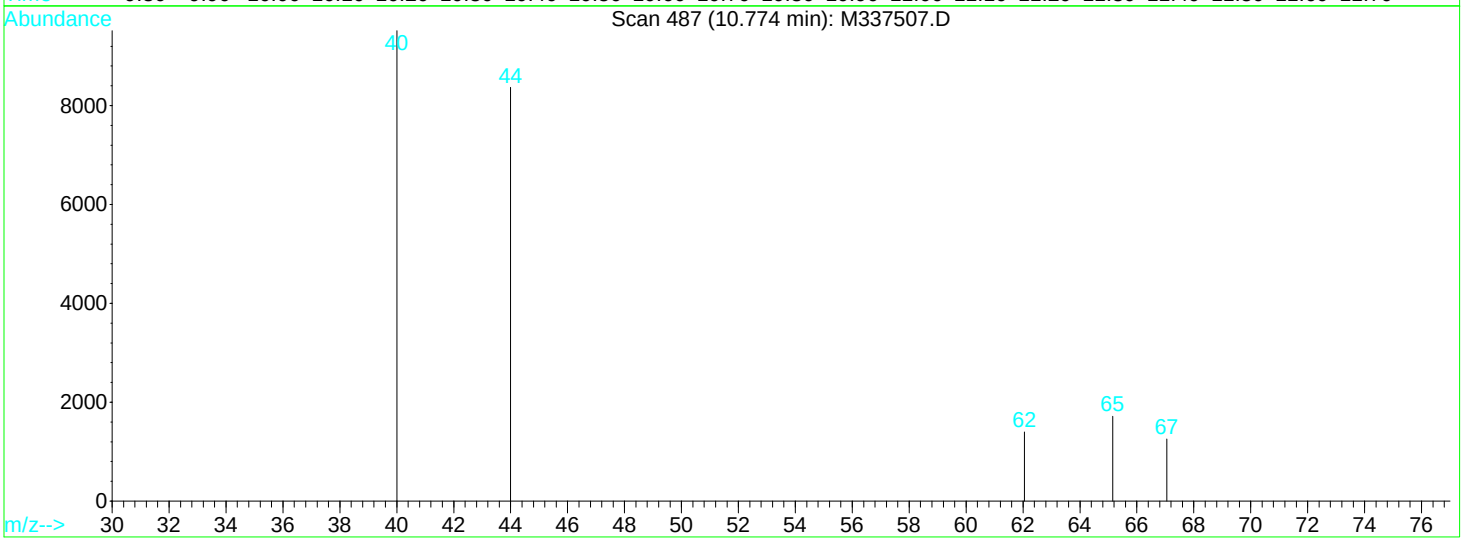
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337507.D

(42) 1,2-Dichloroethane

10.77min 0.14ug/l

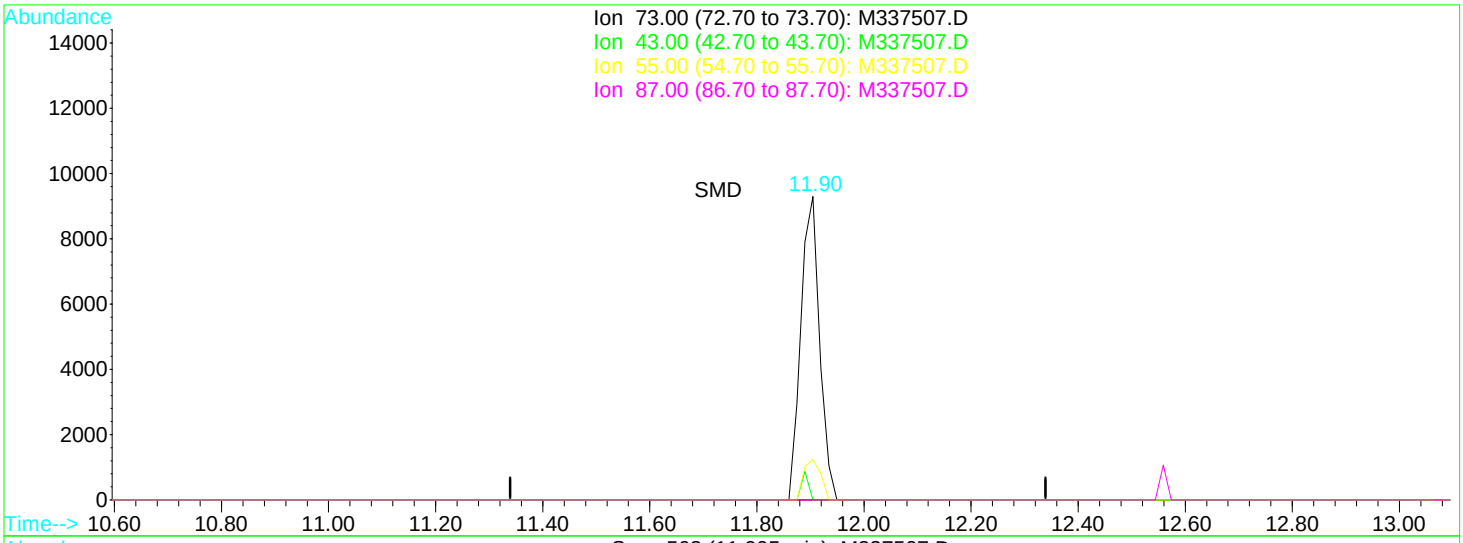
response 3184

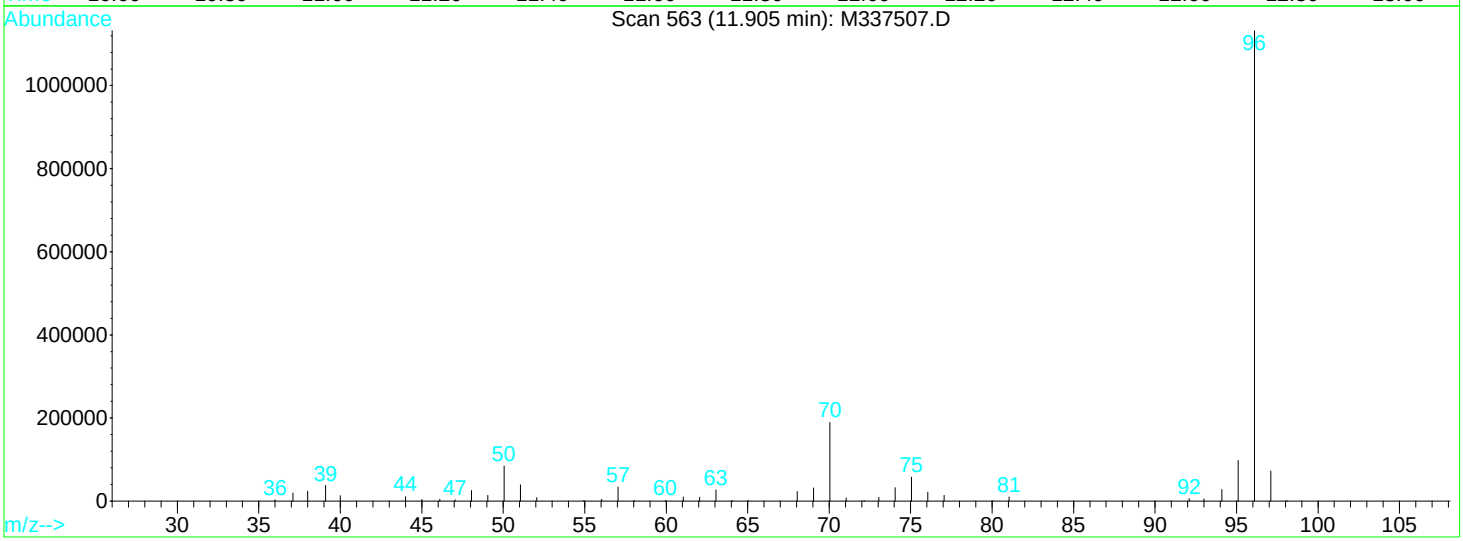
Ion	Exp%	Act%
62.00	100	100
98.00	14.40	0.00
49.00	43.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337507.D

(43) Tertiary-amyl methyl ether

11.90min 0.50ug/l

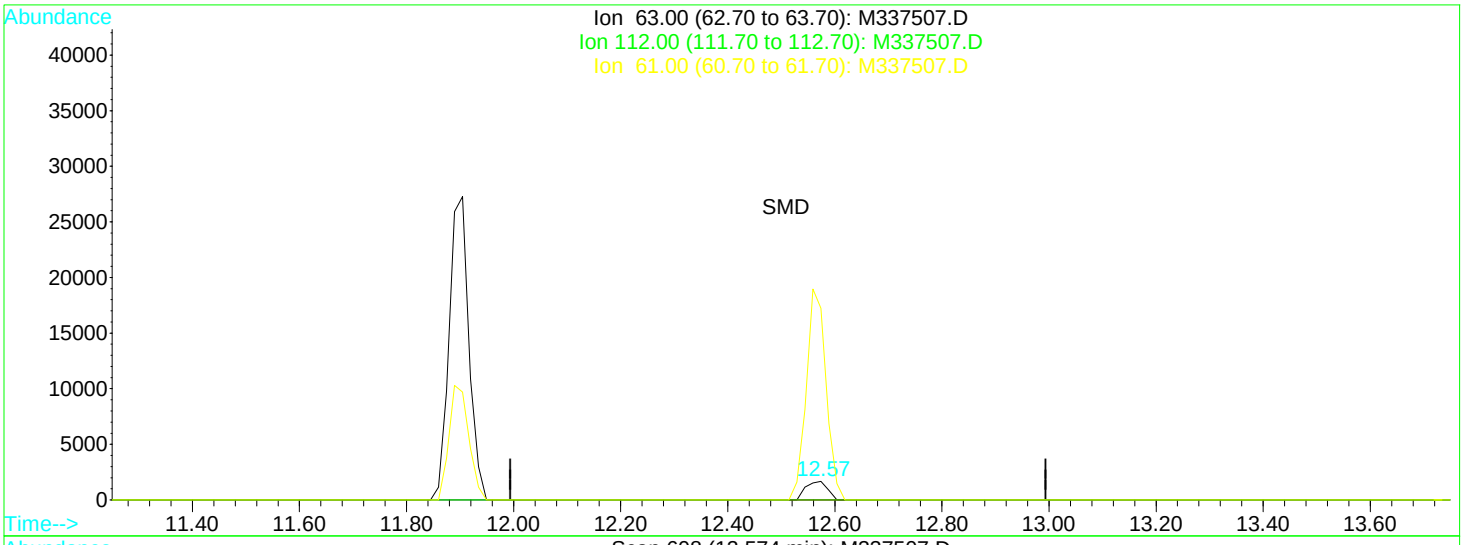
response 22503

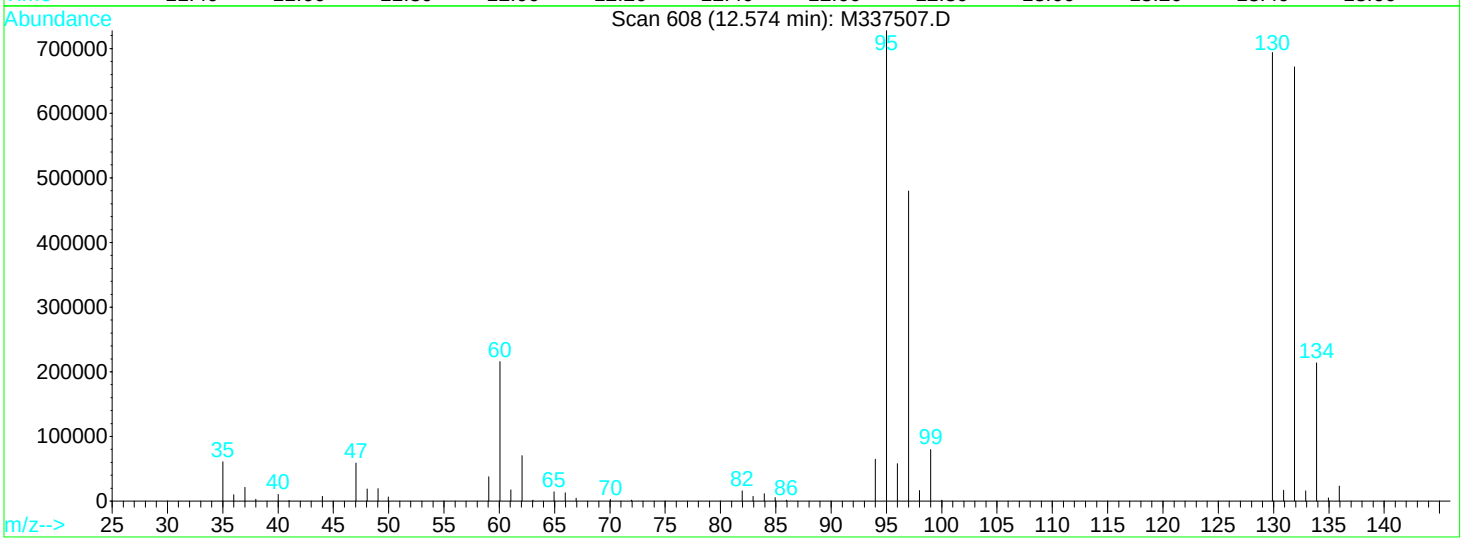
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	13.28
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337507.D

(45) 1,2-Dichloropropane

12.57min 0.17ug/l

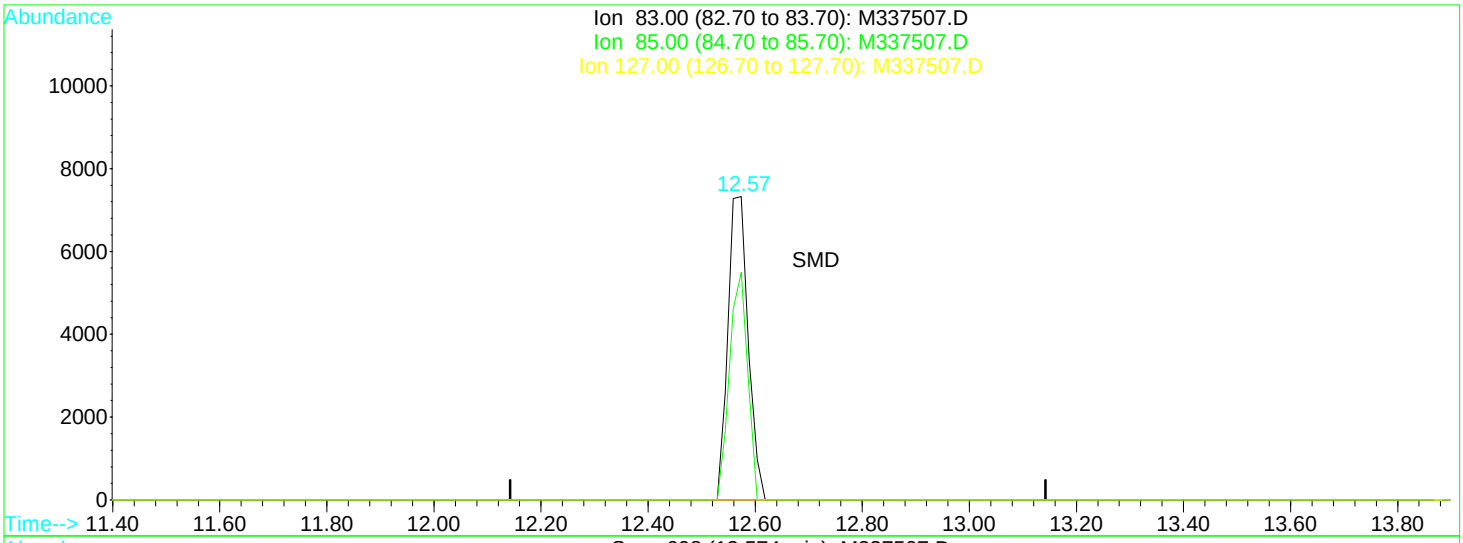
response 4661

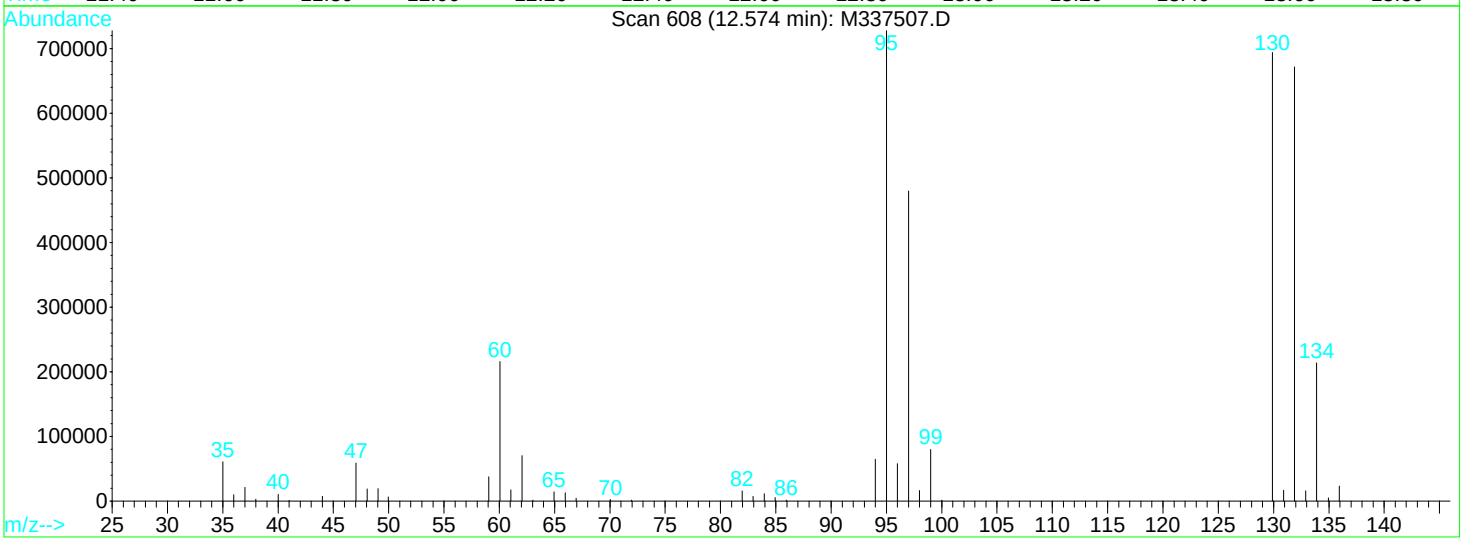
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1031.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337507.D

(48) Bromodichloromethane

12.57min 0.59ug/l

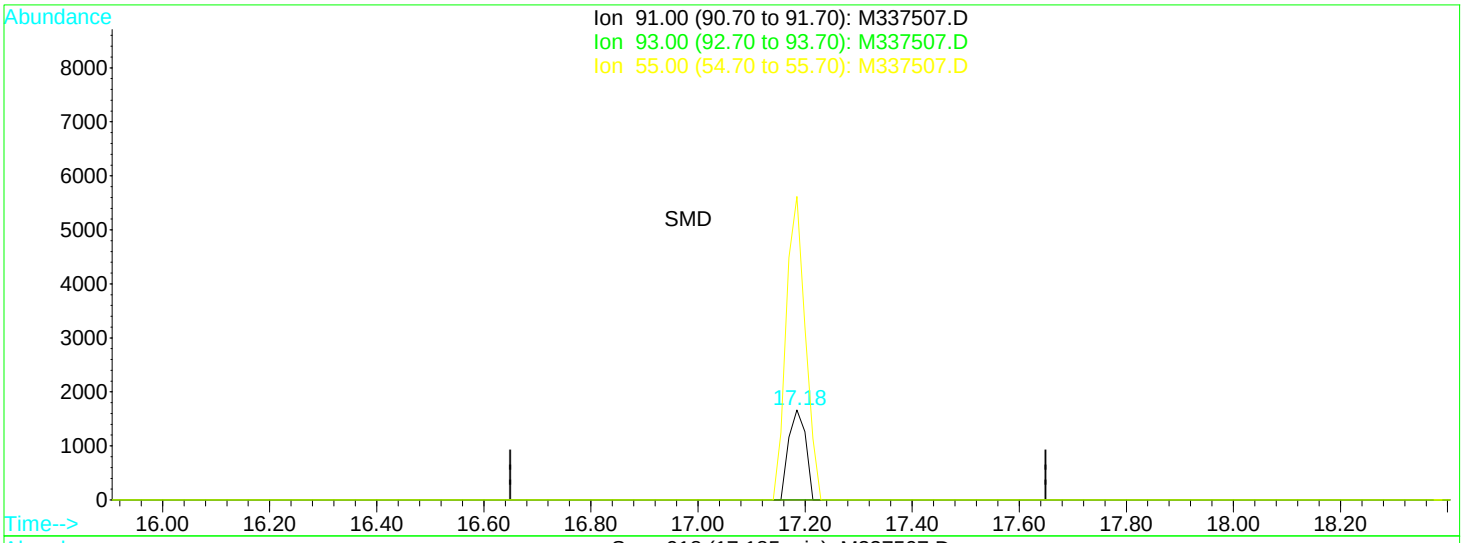
response 19228

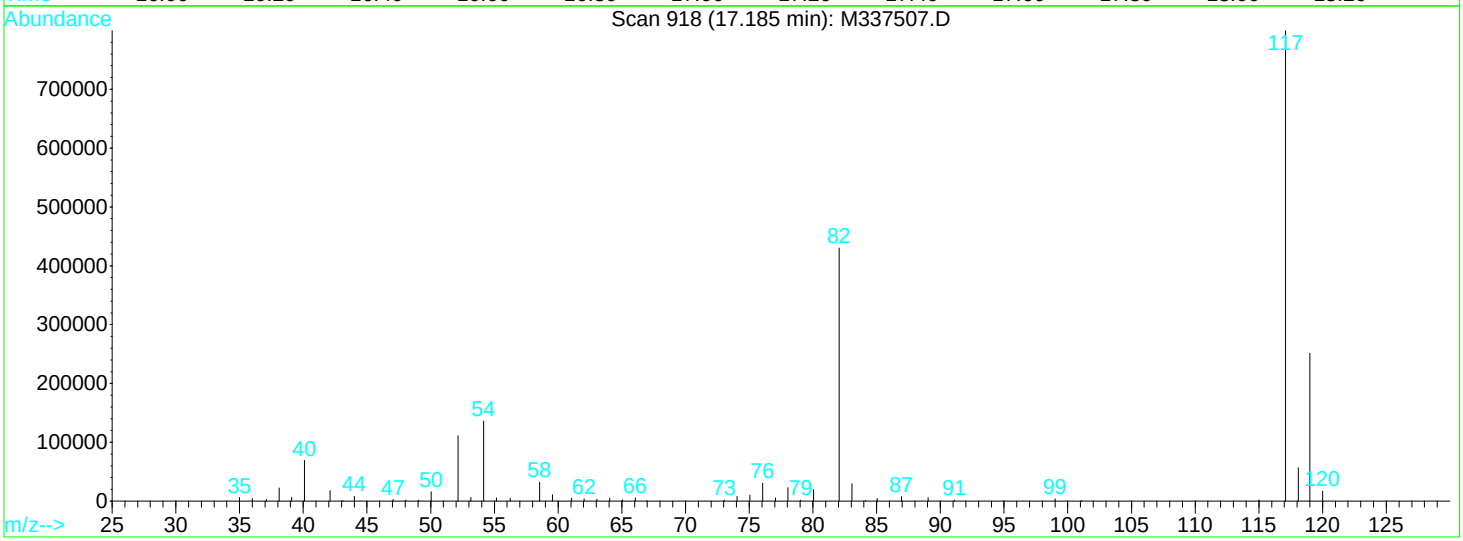
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	75.02
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:30 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337507.D

(66) 1-Chlorohexane

17.18min 0.14ug/l

response 3648

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	337.27#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:30 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

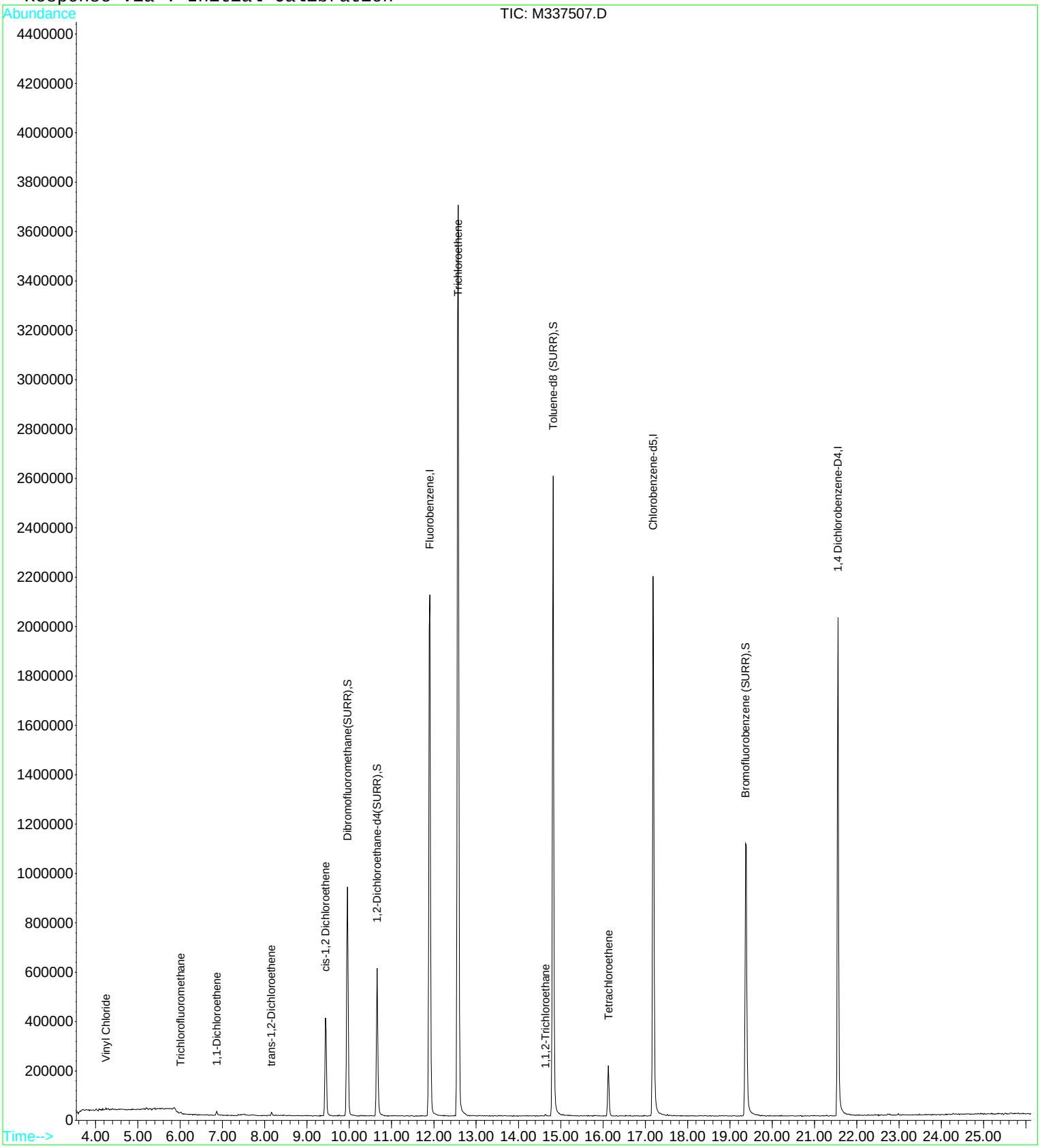
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2900219	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	2027318	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	738585	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.96	111	799335	22.31	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.24%			
41) 1,2-Dichloroethane-d4(SURR	10.66	65	455903	23.21	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.84%			
59) Toluene-d8 (SURR)	14.82	98	2503600	23.95	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.80%			
75) Bromofluorobenzene (SURR)	19.37	95	835062	23.28	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.12%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.24	62	5886	0.24	ug/l #	37
7) Trichlorofluoromethane	6.01	101	5525	0.17	ug/l	94
16) 1,1-Dichloroethene	6.86	96	11321	0.42	ug/l	98
20) trans-1,2-Dichloroethene	8.16	96	8490	0.28	ug/l	93
27) cis-1,2 Dichloroethene	9.44	96	257592	7.34	ug/l	95
44) Trichloroethene	12.57	95	1865051	61.71	ug/l	97
56) 1,1,2-Trichloroethane	14.64	83	2167	0.11	ug/l #	53
63) Tetrachloroethene	16.13	164	71636	3.79	ug/l	98

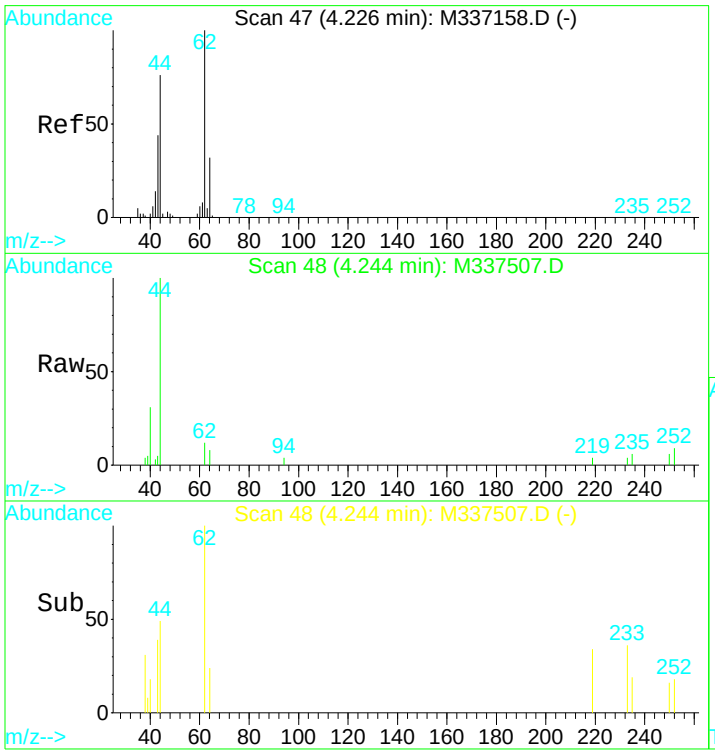
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337507.D Vial: 8
Acq On : 4 Dec 2009 11:55 am Operator: MD
Sample : 0911321-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:30 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

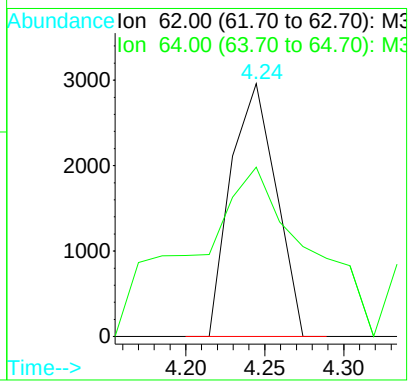


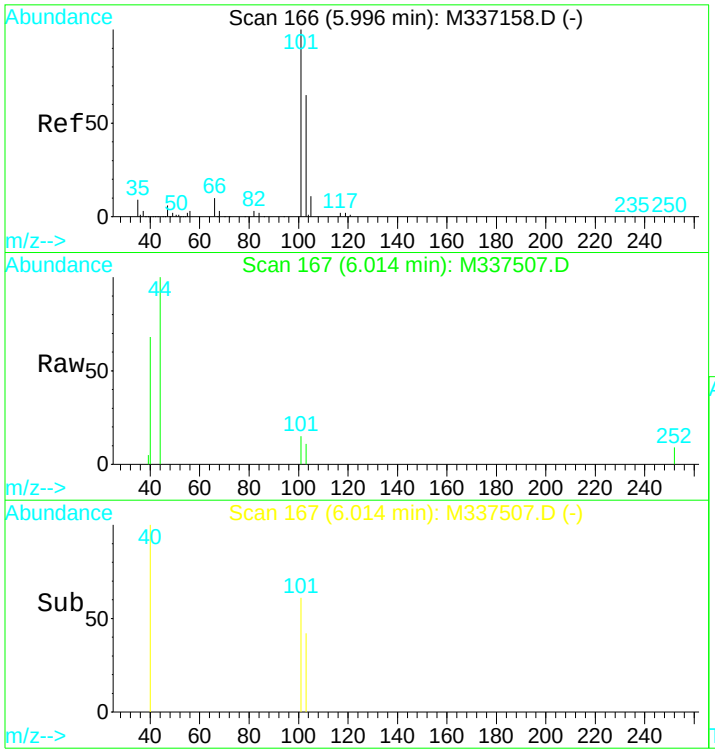


#4
Vinyl Chloride
Concen: 0.24 ug/l
RT: 4.24 min Scan# 48
Delta R.T. 0.01 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion: 62 Resp: 5886

Ion	Ratio	Lower	Upper
62	100		
64	66.9	1.8	61.8#

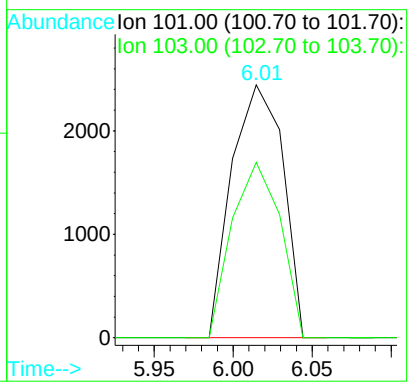


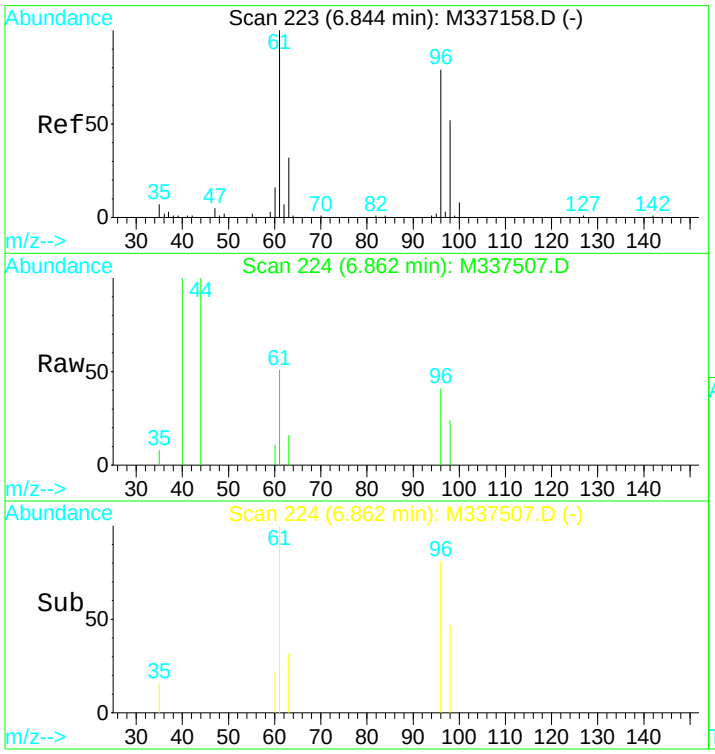


#7
Trichlorofluoromethane
Concen: 0.17 ug/l
RT: 6.01 min Scan# 167
Delta R.T. 0.01 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion:101 Resp: 5525

Ion	Ratio	Lower	Upper
101	100		
103	69.4	34.5	94.5

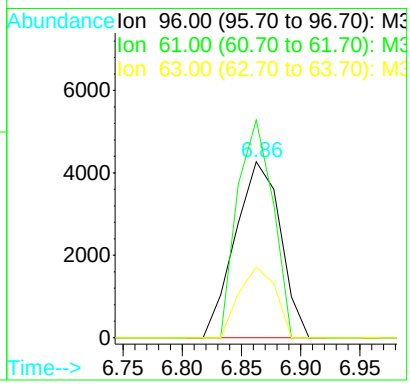


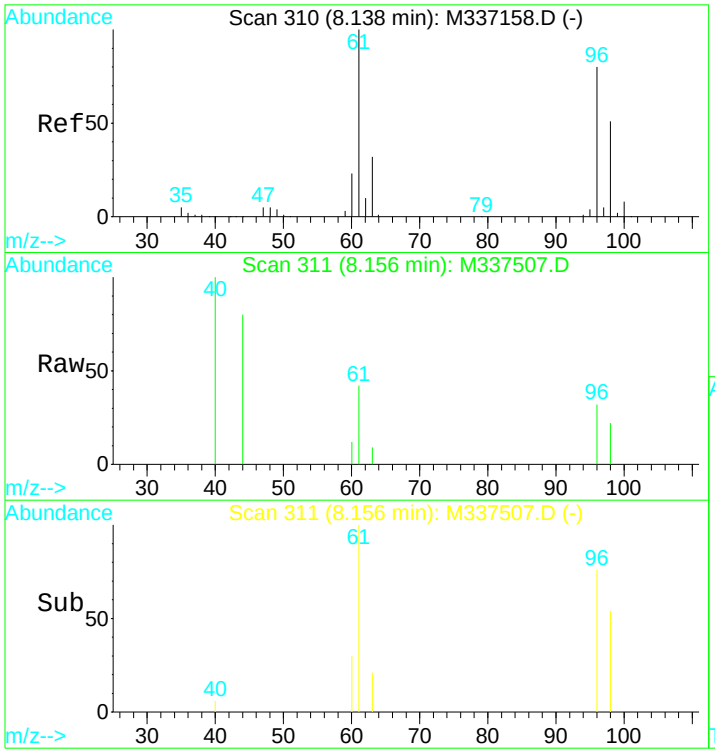


#16
1,1-Dichloroethene
Concen: 0.42 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.01 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion: 96 Resp: 11321

Ion	Ratio	Lower	Upper
96	100		
61	123.6	96.1	156.1
63	40.1	10.0	70.0

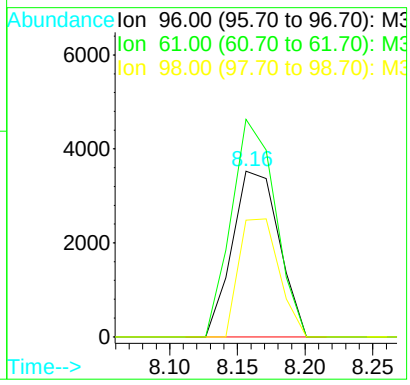


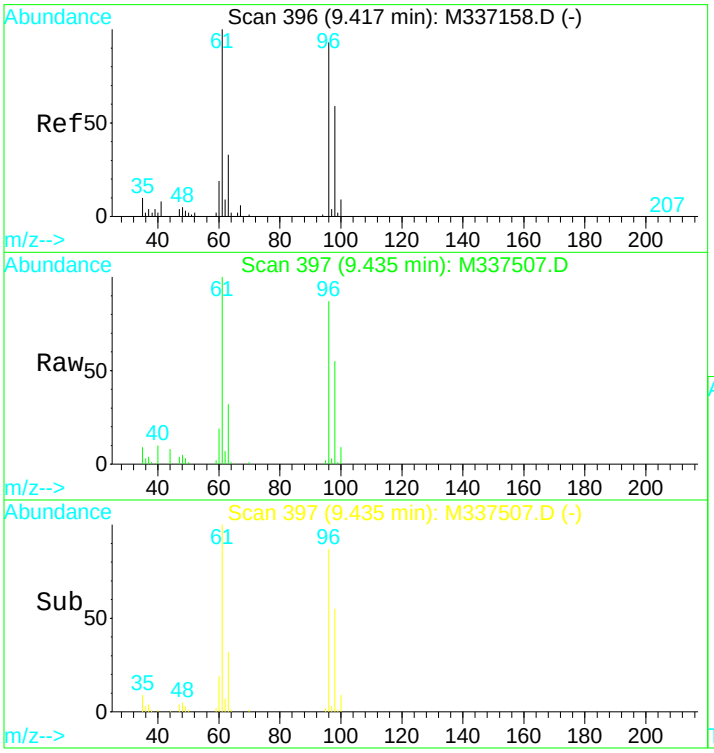


#20
trans-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 8.16 min Scan# 311
Delta R.T. -0.01 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion: 96 Resp: 8490

Ion	Ratio	Lower	Upper
96	100		
61	131.3	95.0	155.0
98	70.3	33.4	93.4

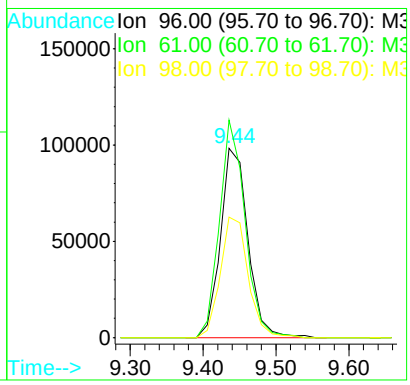


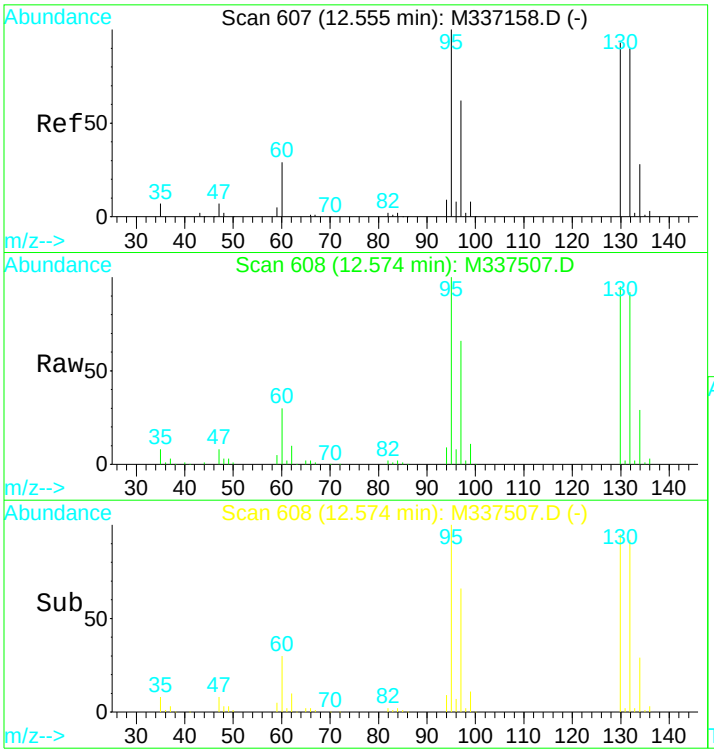


#27
cis-1,2 Dichloroethene
Concen: 7.34 ug/l
RT: 9.44 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion: 96 Resp: 257592

Ion	Ratio	Lower	Upper
96	100		
61	114.8	77.5	137.5
98	63.6	33.9	93.9

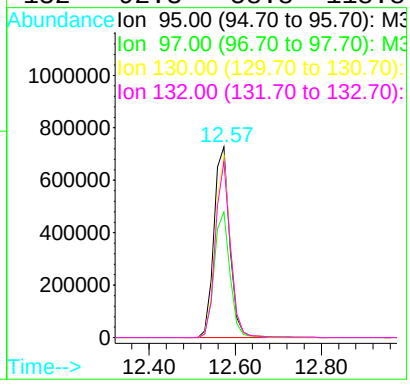


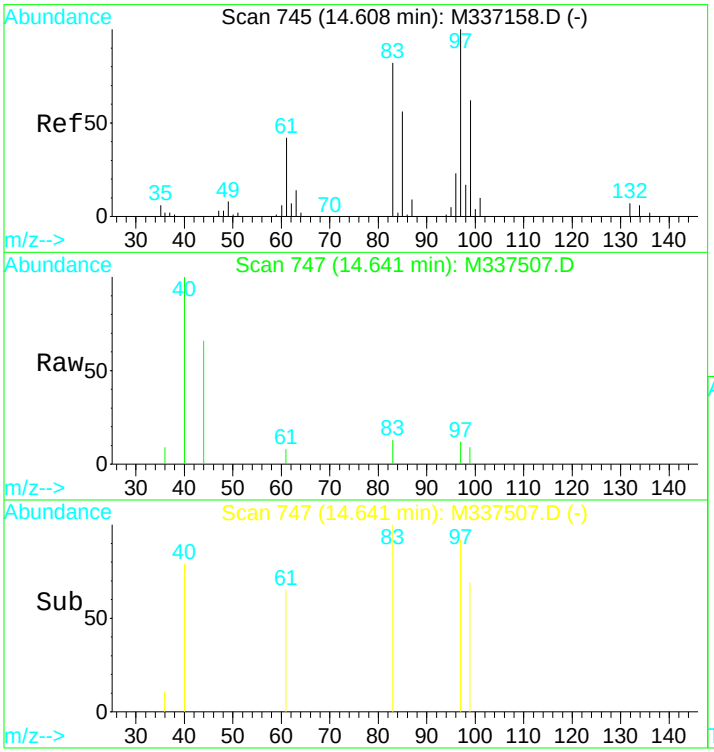


#44
Trichloroethene
Concen: 61.71 ug/l
RT: 12.57 min Scan# 608
Delta R.T. 0.01 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion: 95 Resp: 1865051

Ion	Ratio	Lower	Upper
95	100		
97	65.9	35.0	95.0
130	95.4	62.7	122.7
132	92.3	58.8	118.8

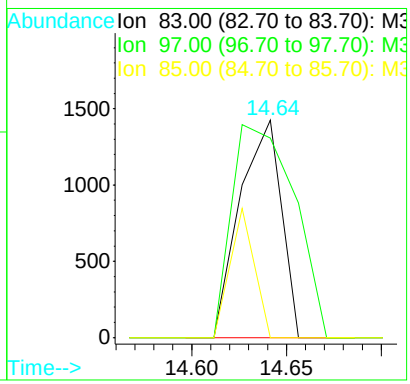


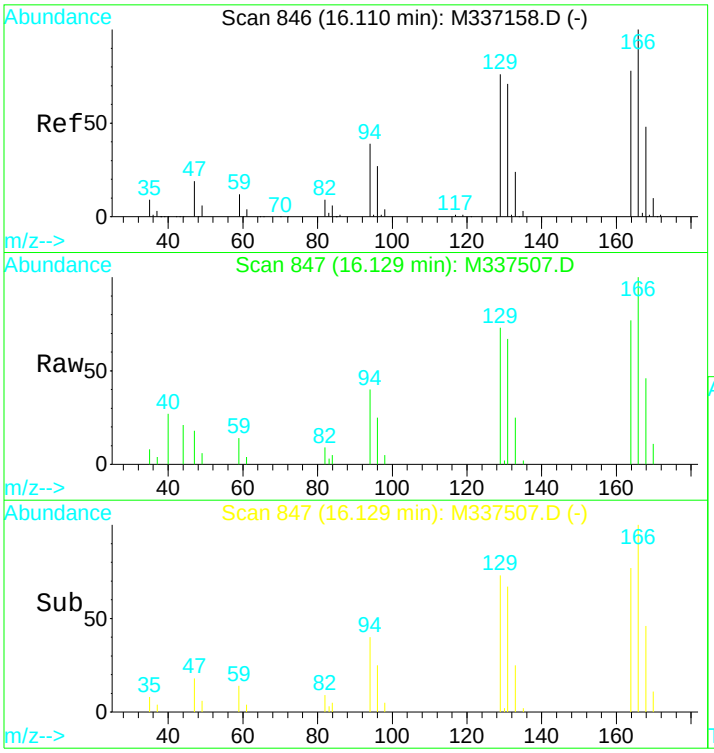


#56
1,1,2-Trichloroethane
Concen: 0.11 ug/l
RT: 14.64 min Scan# 747
Delta R.T. 0.02 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion: 83 Resp: 2167

Ion	Ratio	Lower	Upper
83	100		
97	91.7	91.3	151.3
85	0.0	37.4	97.4#

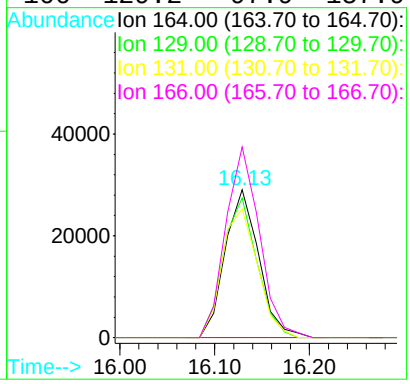




#63
Tetrachloroethene
Concen: 3.79 ug/l
RT: 16.13 min Scan# 847
Delta R.T. 0.01 min
Lab File: M337507.D
Acq: 4 Dec 2009 11:55 am

Tgt Ion:164 Resp: 71636

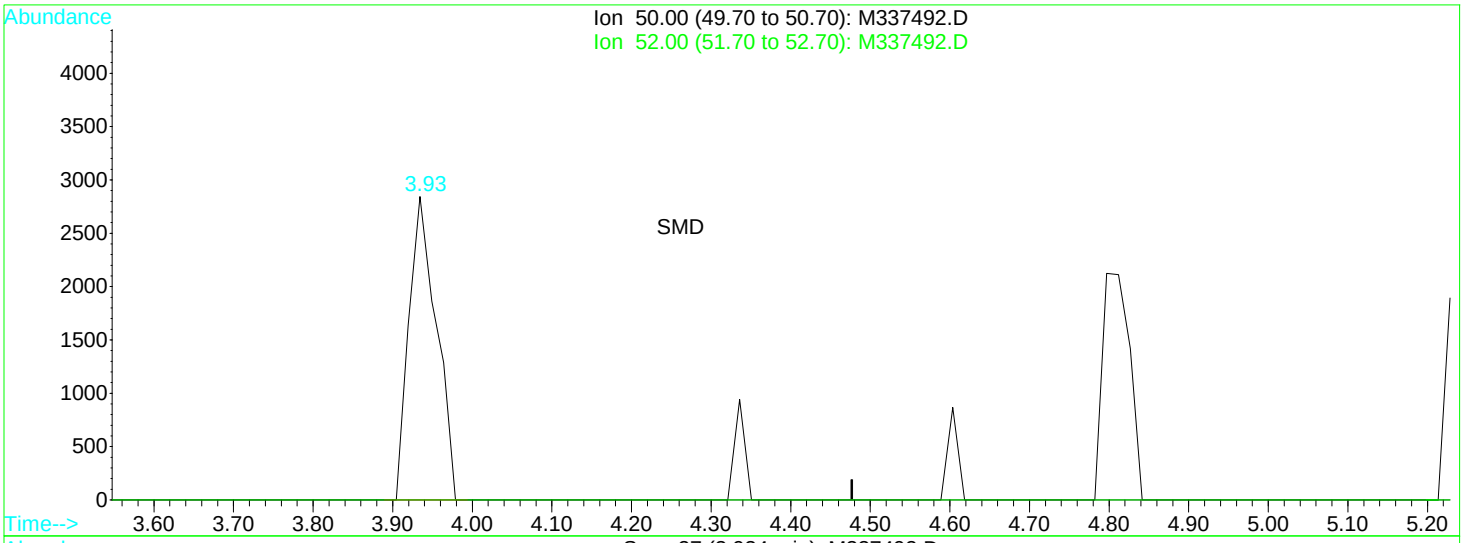
Ion	Ratio	Lower	Upper
164	100		
129	94.4	66.7	126.7
131	87.1	61.4	121.4
166	129.2	97.9	157.9

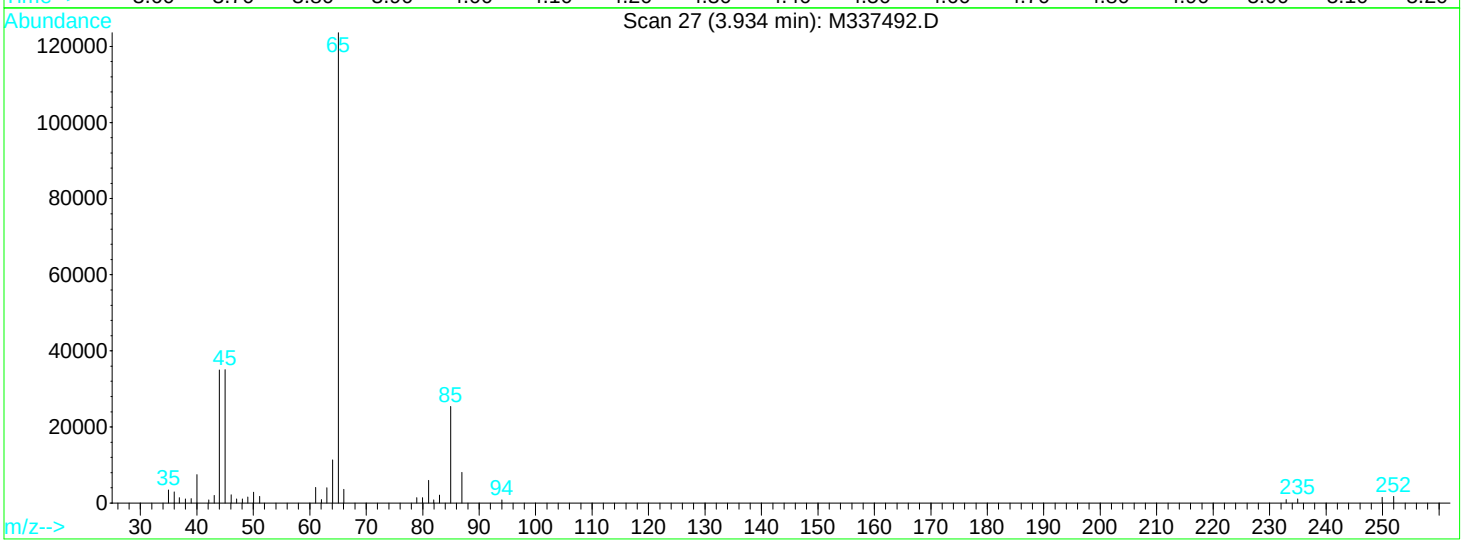


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 16:51 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337492.D

(3) Chloromethane

3.93min 0.22ug/l

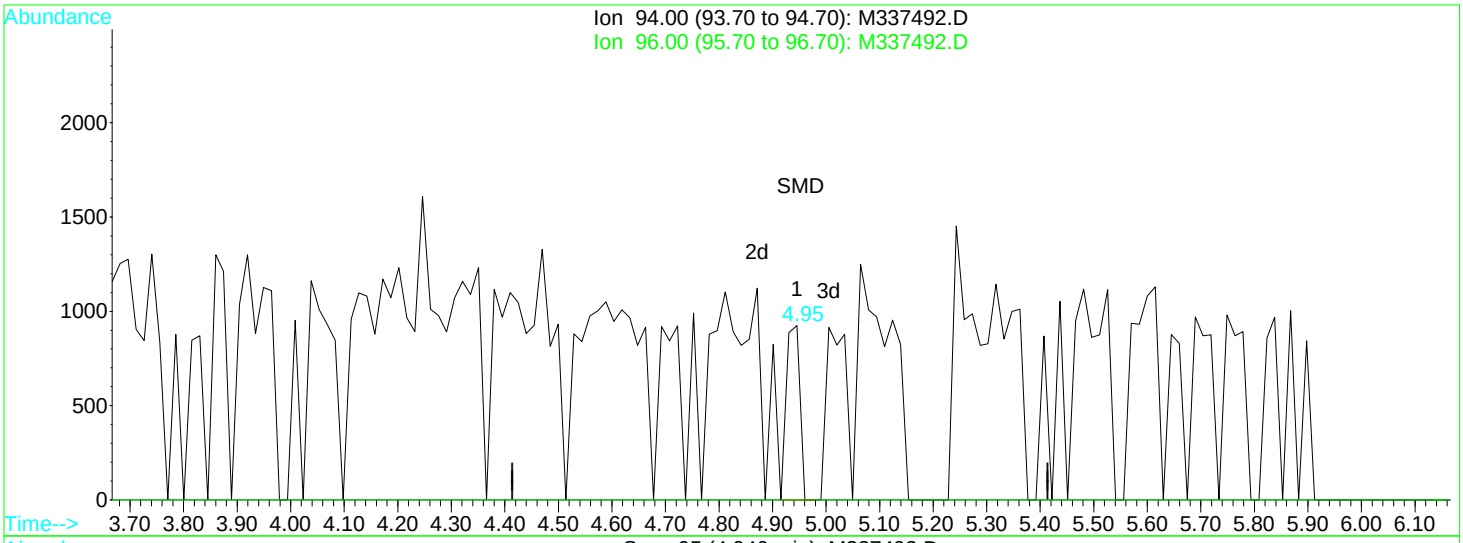
response 6808

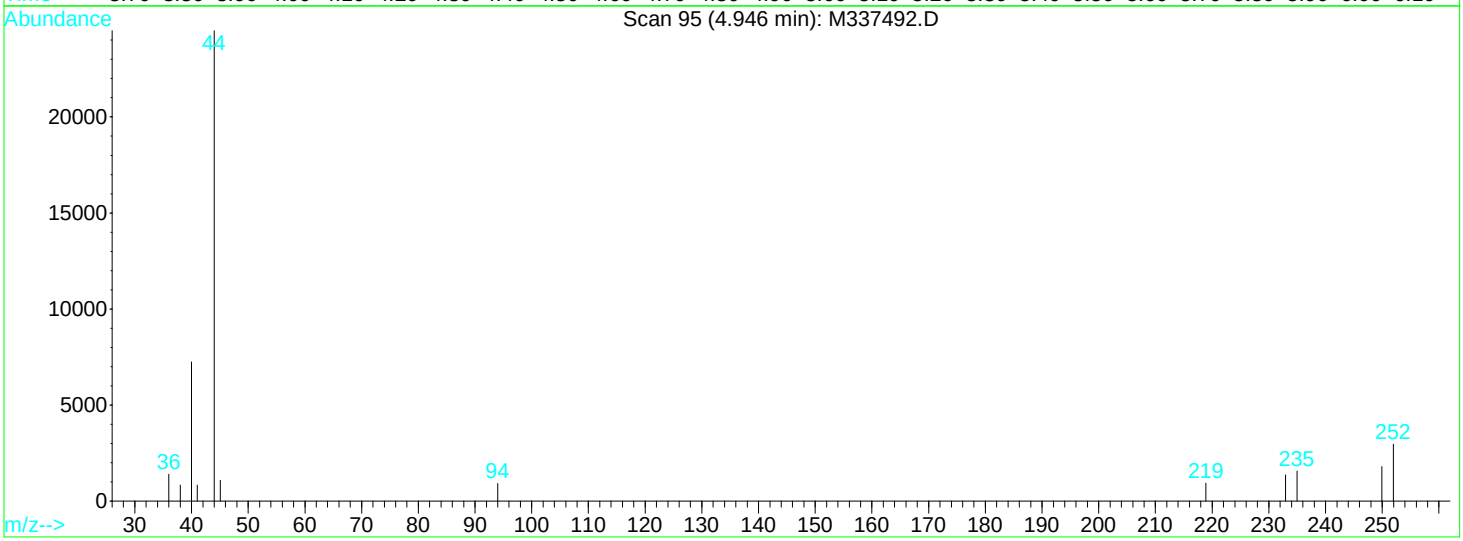
Ion	Exp%	Act%
50.00	100	100
52.00	31.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337492.D

(5) Bromomethane

4.95min 0.09ug/l

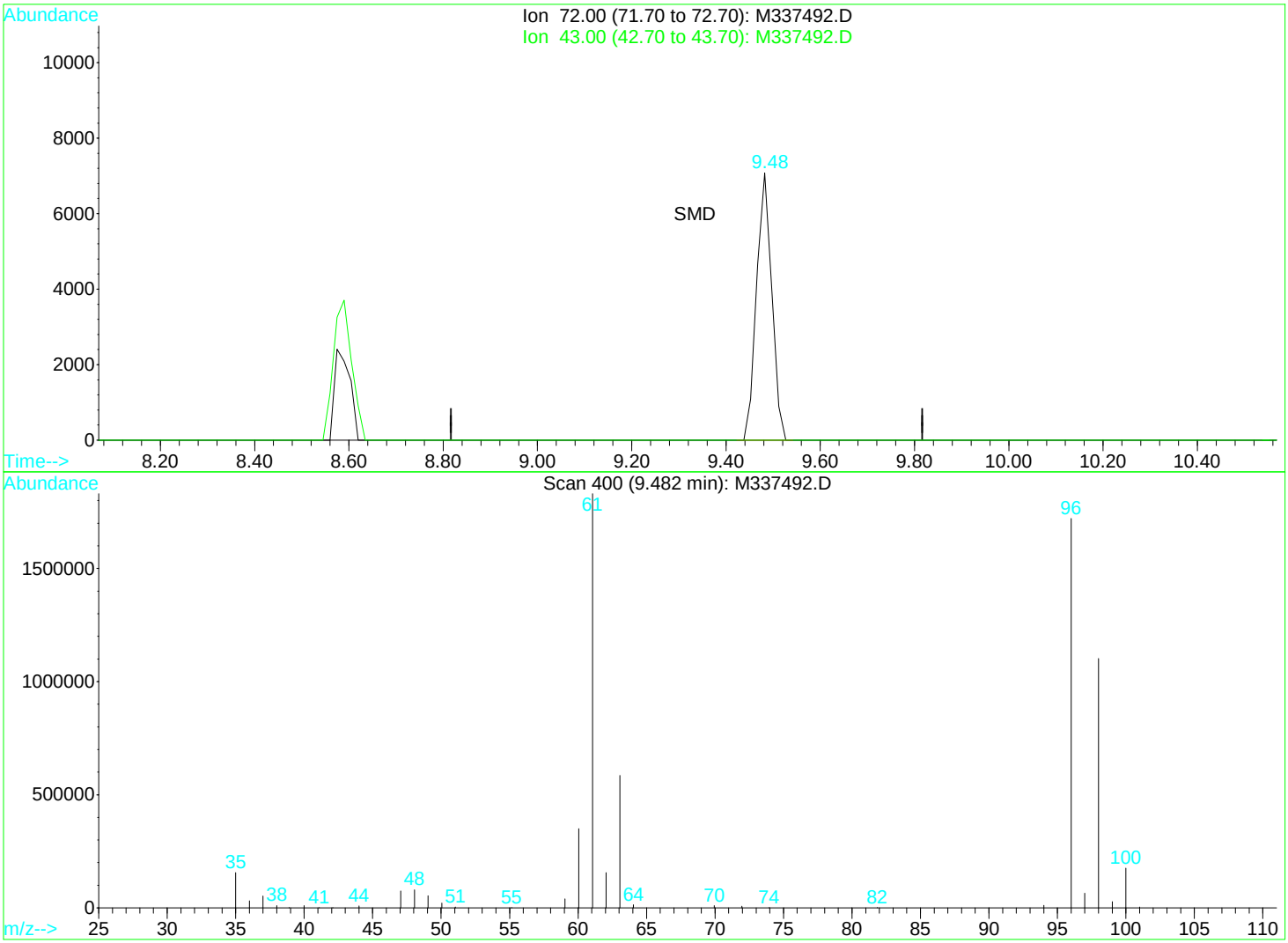
response 1616

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337492.D

(24) 2-Butanone

9.48min 11.12ug/l

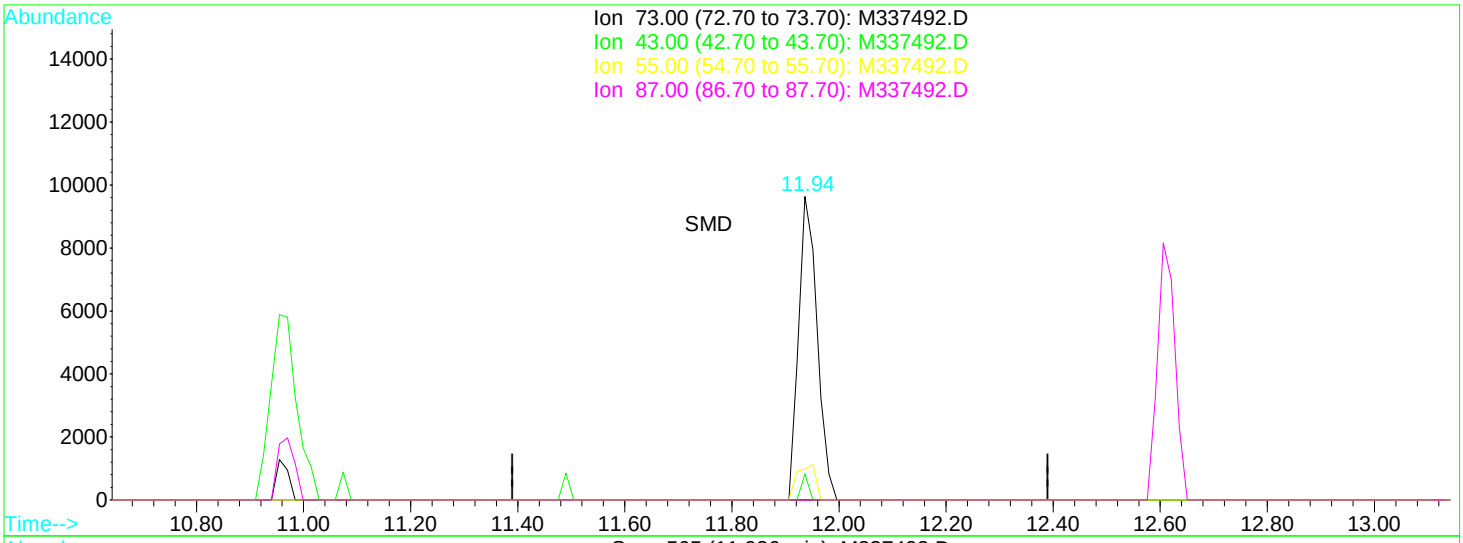
response 15827

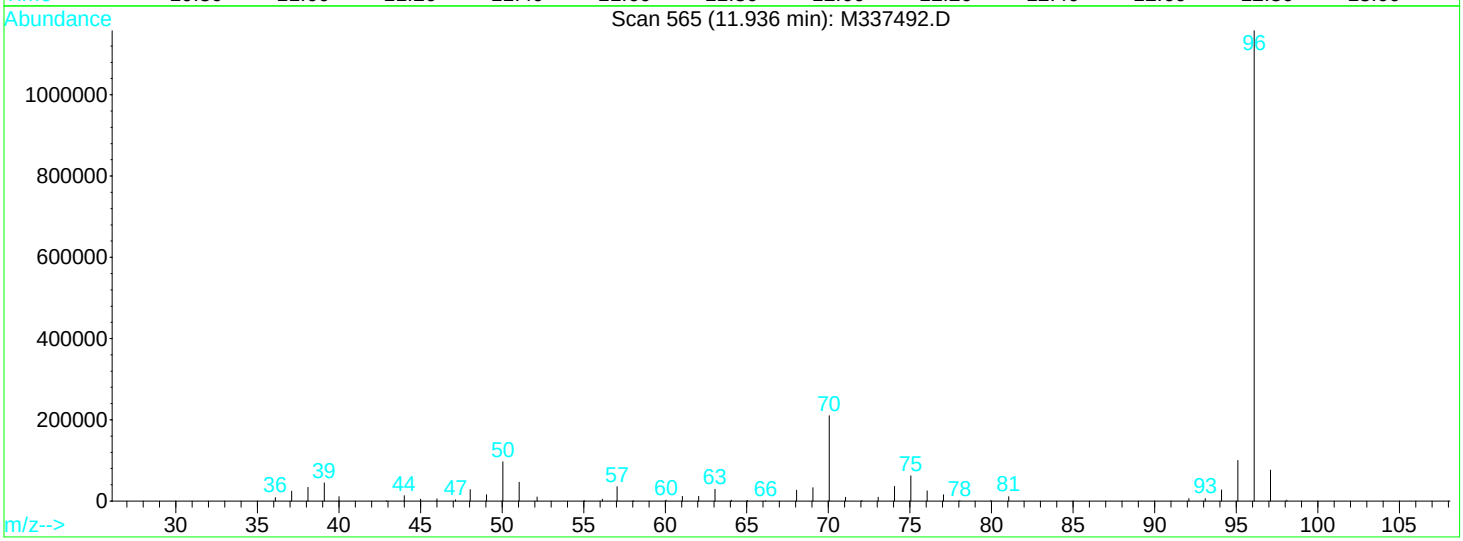
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337492.D

(43) Tertiary-amyl methyl ether

11.94min 0.50ug/l

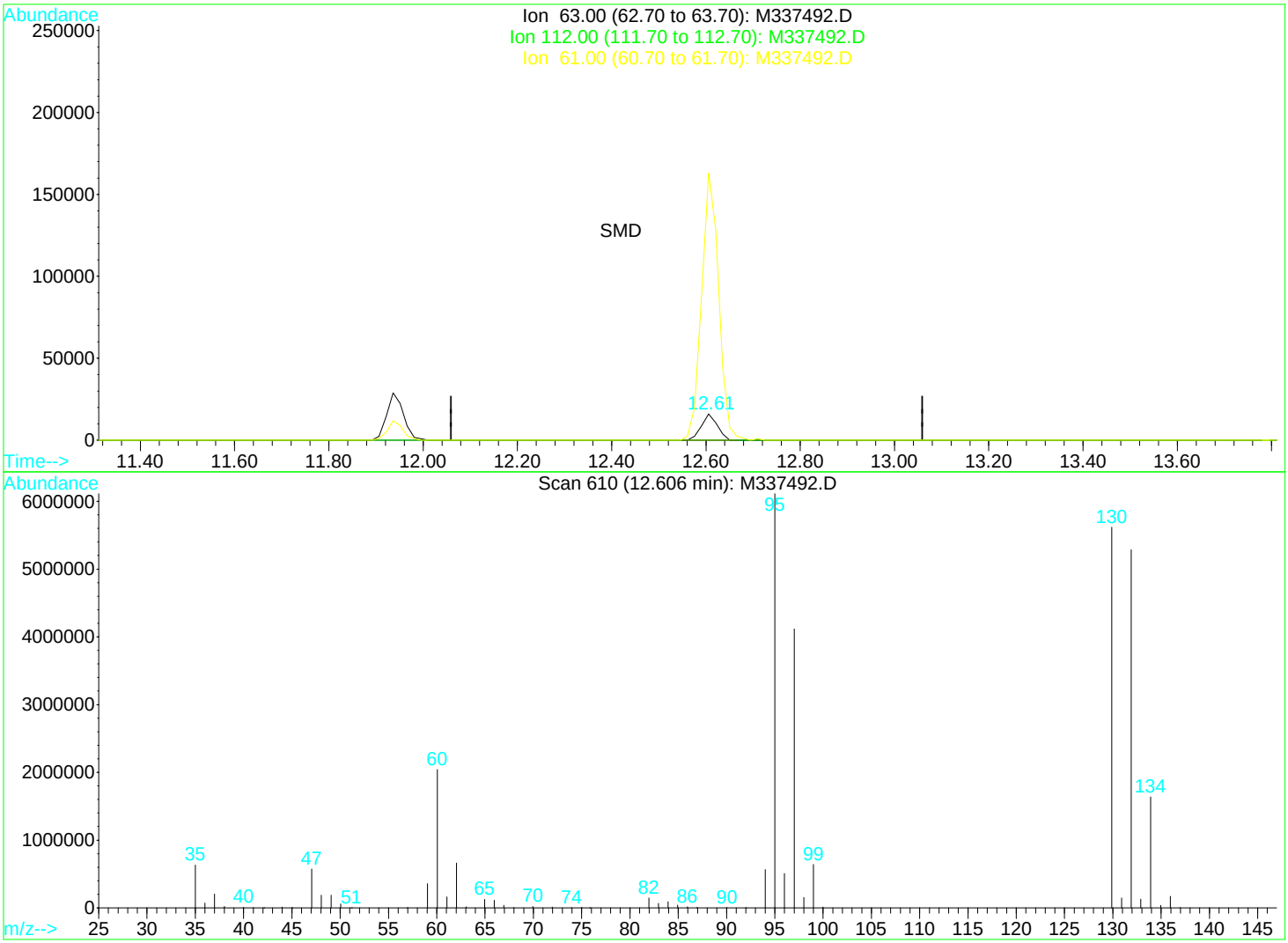
response 23134

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	8.57
55.00	35.70	10.10
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337492.D

(45) 1,2-Dichloropropane

12.61min 1.30ug/l

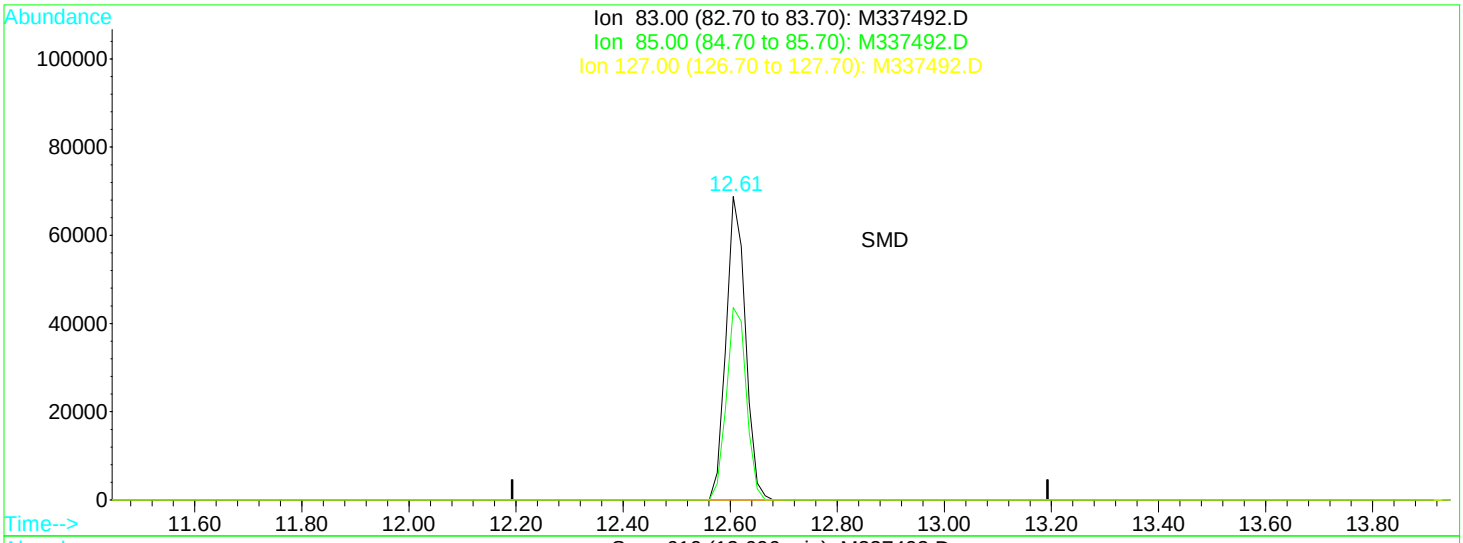
response 37267

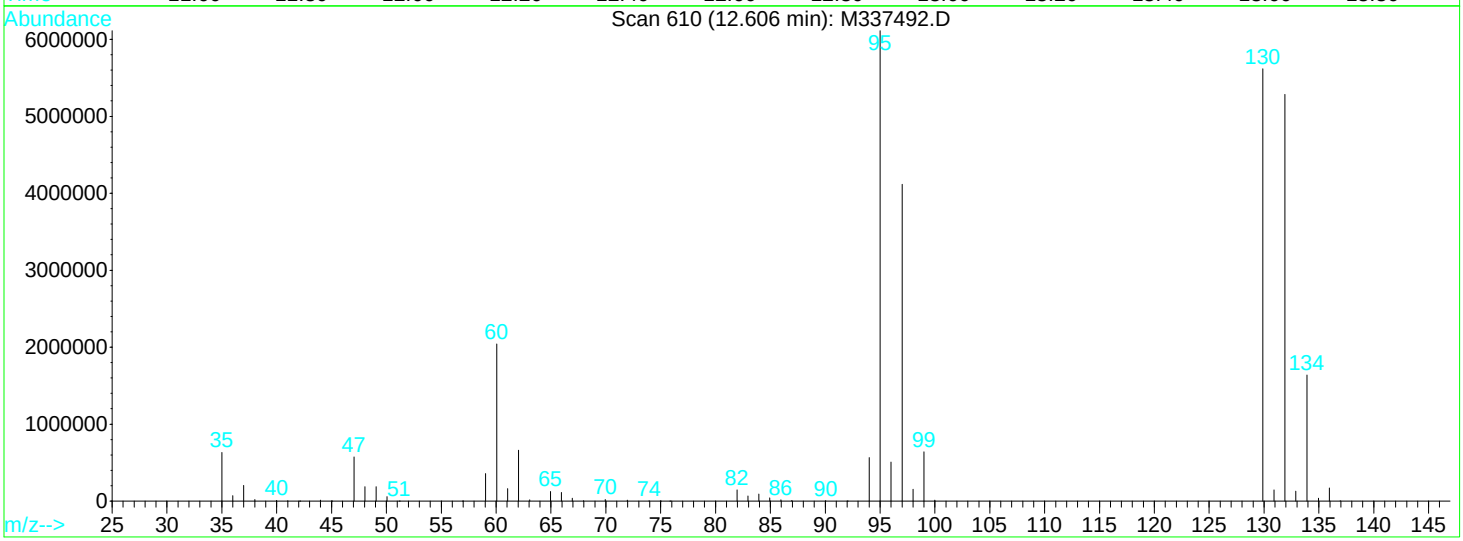
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1016.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337492.D

(48) Bromodichloromethane

12.61min 5.11ug/l

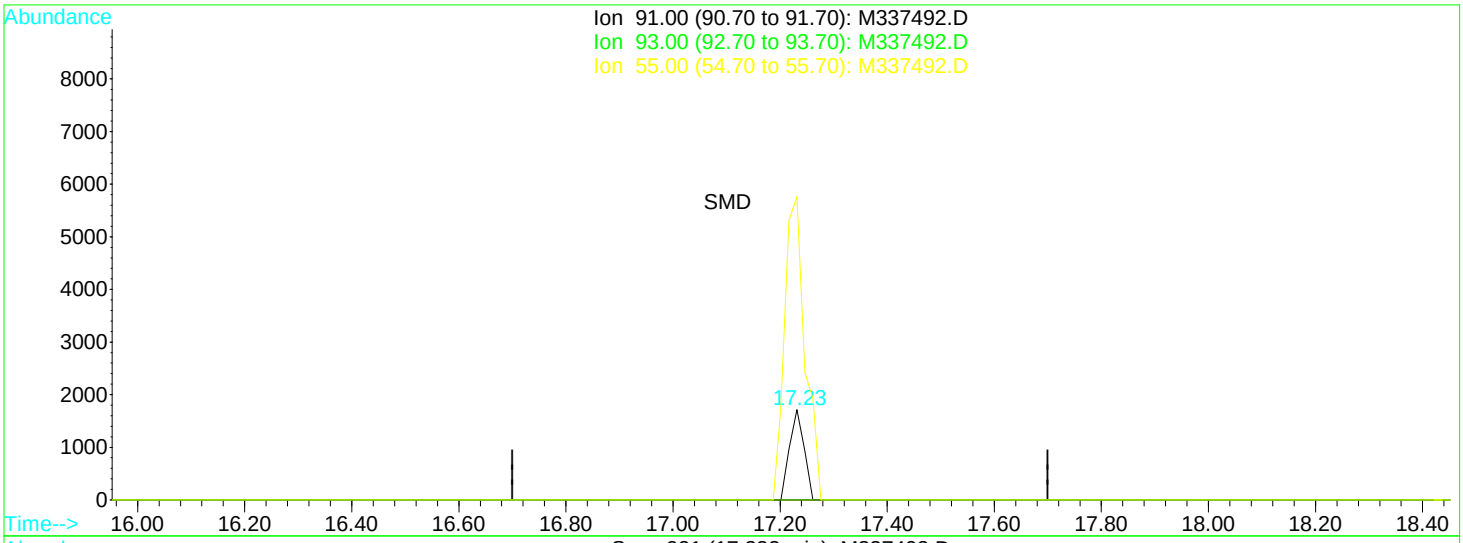
response 171906

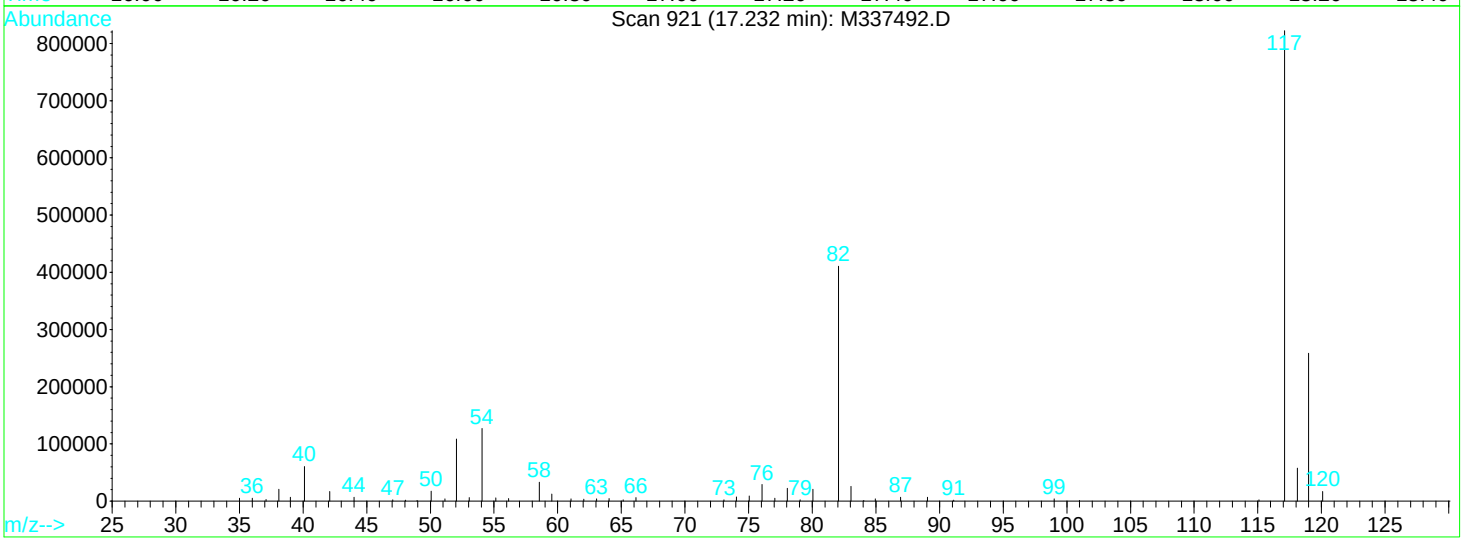
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	63.36
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337492.D

(66) 1-Chlorohexane

17.23min 0.13ug/l

response 3211

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	336.66#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:25 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

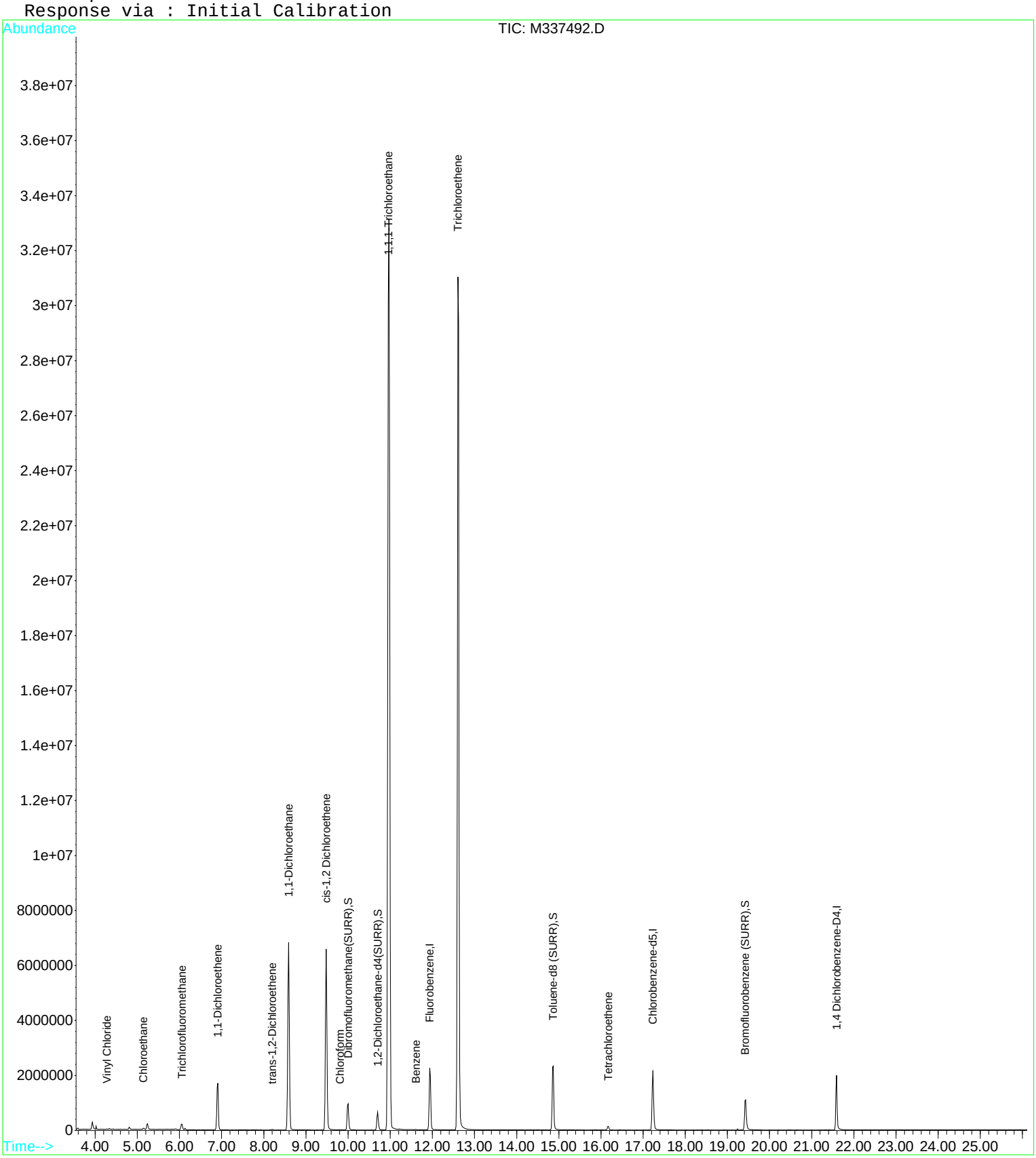
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.94	96	3001134	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.23	117	2008500	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.59	152	746165	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	849111	22.90	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.60%			
41) 1,2-Dichloroethane-d4(SURR	10.70	65	491143	24.17	ug/l	-0.01
Spiked Amount 25.000			Recovery = 96.68%			
59) Toluene-d8 (SURR)	14.87	98	2481952	23.97	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.88%			
75) Bromofluorobenzene (SURR)	19.42	95	831807	23.40	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.60%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.28	62	13216	0.52	ug/l	88
6) Chloroethane	5.14	64	44076	3.07	ug/l	97
7) Trichlorofluoromethane	6.06	101	243564	7.07	ug/l	100
16) 1,1-Dichloroethene	6.91	96	1040094	37.07	ug/l	96
20) trans-1,2-Dichloroethene	8.20	96	11963	0.38	ug/l	92
21) 1,1-Dichloroethane	8.59	63	8297247	175.24	ug/l	98
27) cis-1,2 Dichloroethene	9.48	96	4073213	112.14	ug/l	99
33) Chloroform	9.81	83	10840	0.23	ug/l	95
36) 1,1,1-Trichloroethane	10.95	97	25117302	735.39	ug/l #	53
40) Benzene	11.61	78	15940	0.14	ug/l	100
44) Trichloroethene	12.61	95	16061114	513.52	ug/l	98
63) Tetrachloroethene	16.18	164	48089	2.57	ug/l	96

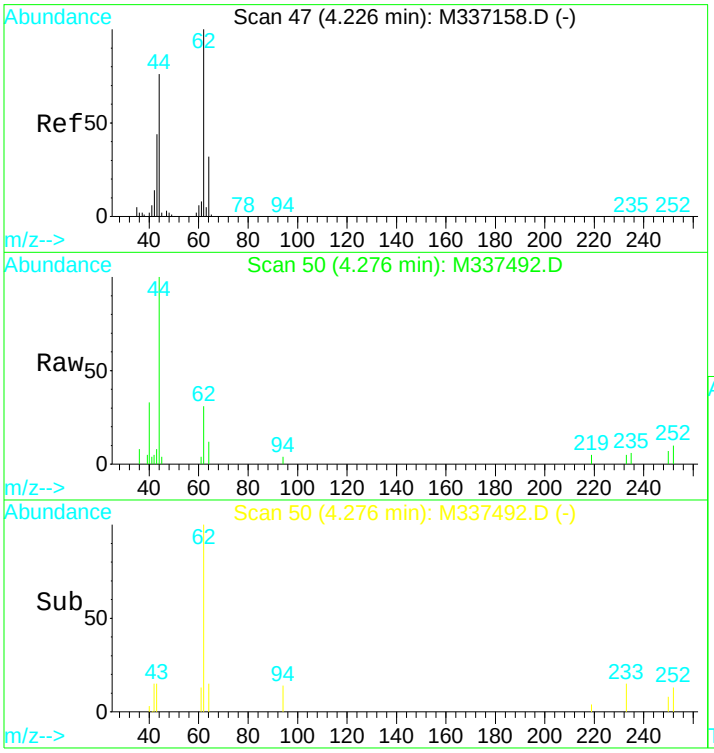
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337492.D Vial: 16
Acq On : 3 Dec 2009 4:22 pm Operator: MD
Sample : 0911321-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:25 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

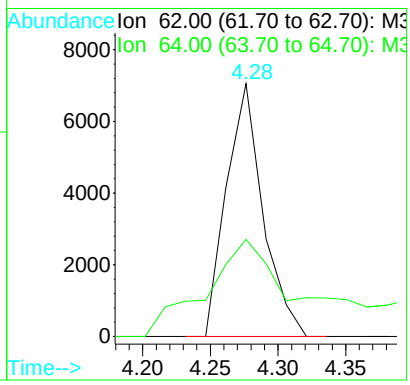


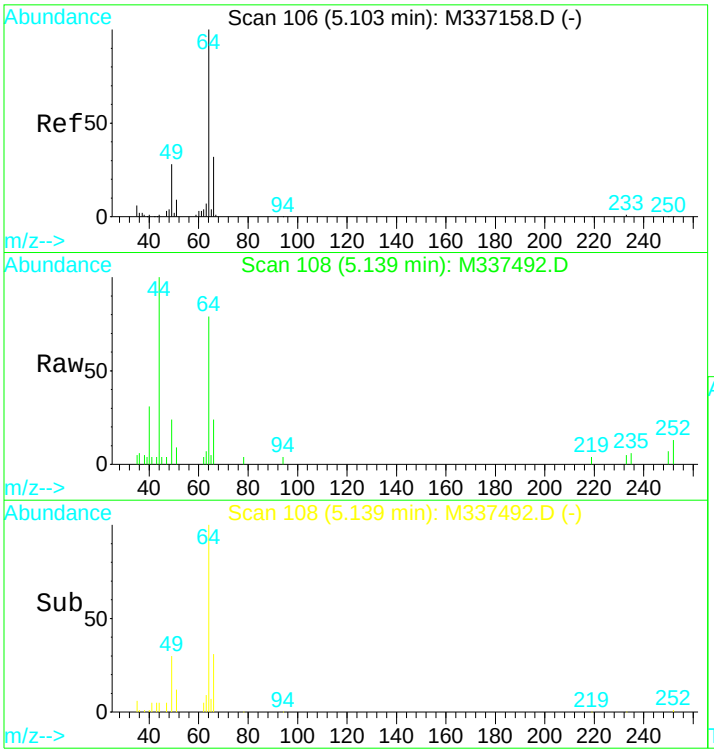


#4
Vinyl Chloride
Concen: 0.52 ug/l
RT: 4.28 min Scan# 50
Delta R.T. 0.00 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 62 Resp: 13216

Ion	Ratio	Lower	Upper
62	100		
64	38.3	1.8	61.8

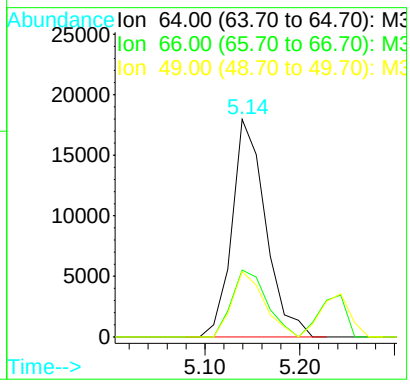


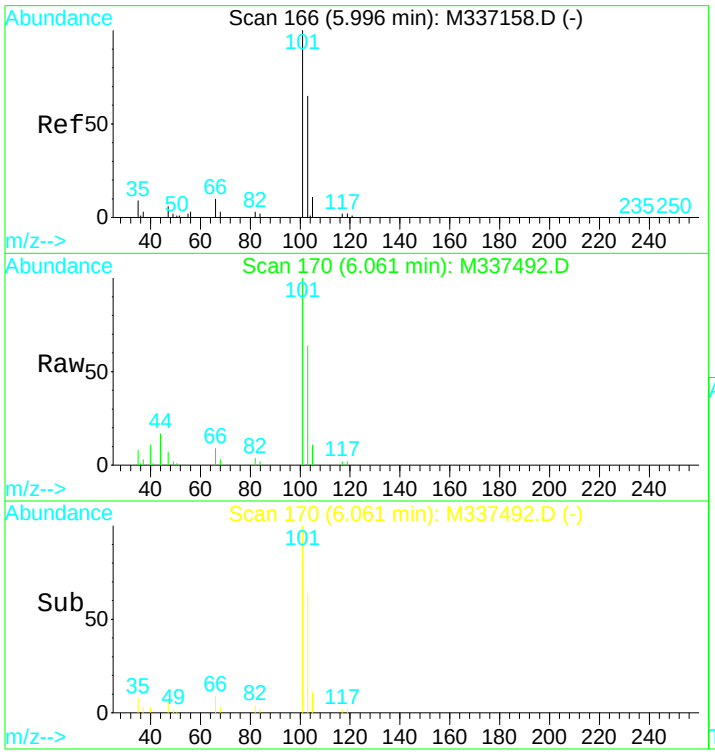


#6
Chloroethane
Concen: 3.07 ug/l
RT: 5.14 min Scan# 108
Delta R.T. -0.01 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 64 Resp: 44076

Ion	Ratio	Lower	Upper
64	100		
66	30.7	2.1	62.1
49	30.0	0.0	58.1

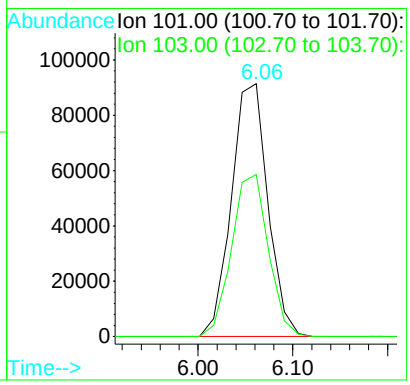


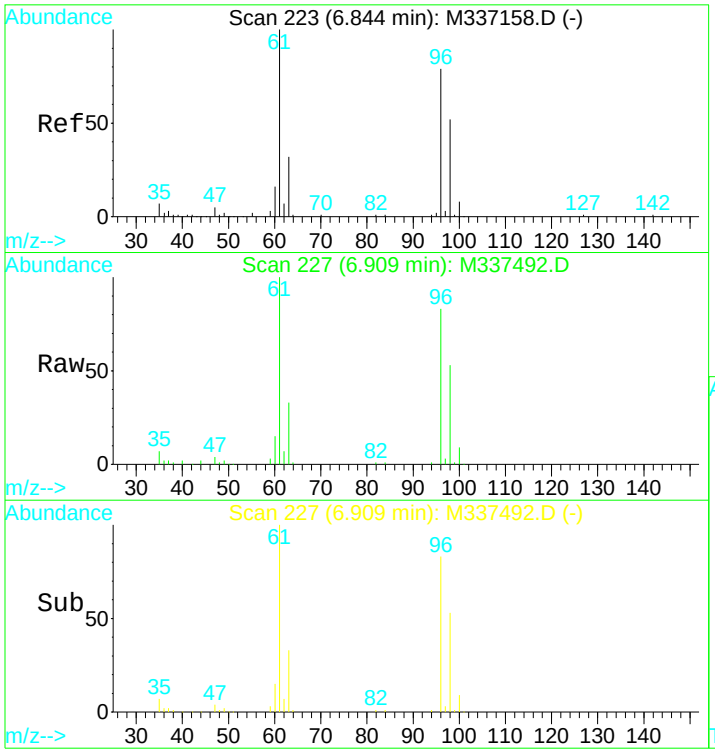


#7
Trichlorofluoromethane
Concen: 7.07 ug/l
RT: 6.06 min Scan# 170
Delta R.T. 0.00 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion:101 Resp: 243564

Ion	Ratio	Lower	Upper
101	100		
103	64.1	34.5	94.5

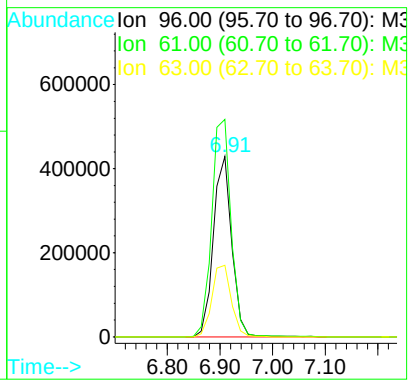


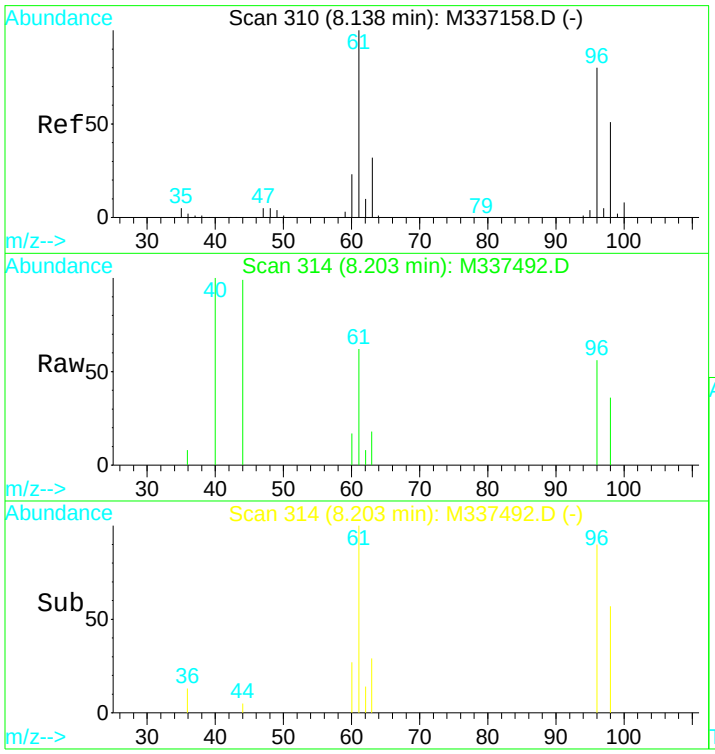


#16
1,1-Dichloroethene
Concen: 37.07 ug/l
RT: 6.91 min Scan# 227
Delta R.T. -0.01 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 96 Resp: 1040094

Ion	Ratio	Lower	Upper
96	100		
61	120.6	96.1	156.1
63	39.6	10.0	70.0

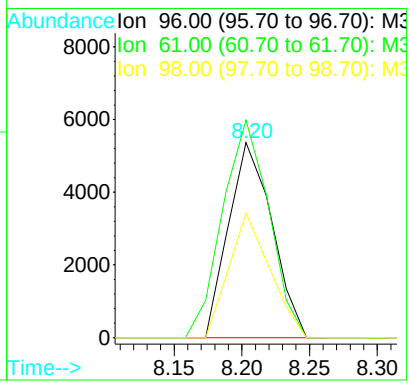


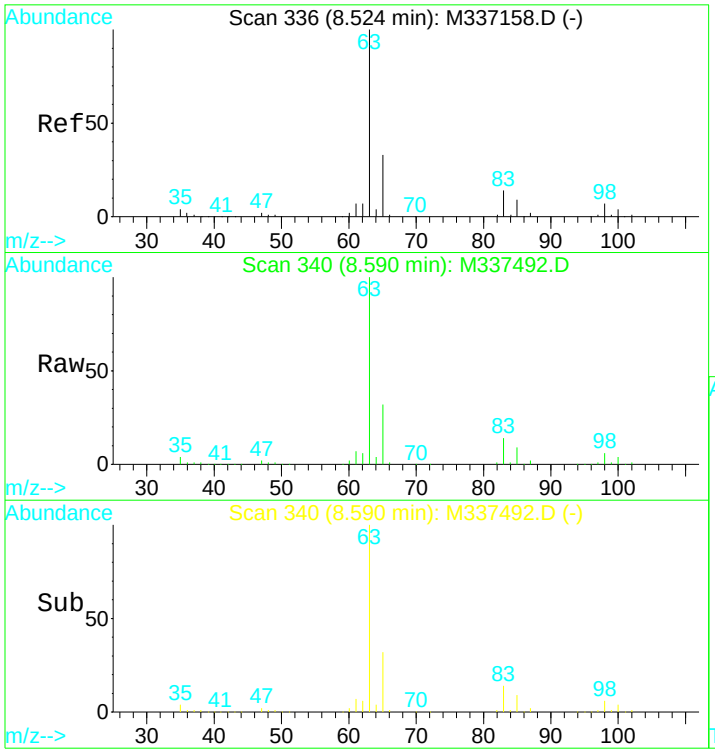


#20
trans-1,2-Dichloroethene
Concen: 0.38 ug/l
RT: 8.20 min Scan# 314
Delta R.T. -0.01 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 96 Resp: 11963

Ion	Ratio	Lower	Upper
96	100		
61	111.6	95.0	155.0
98	63.9	33.4	93.4

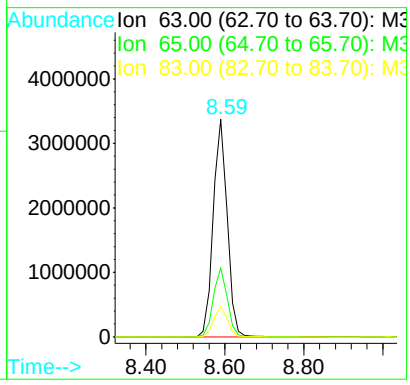


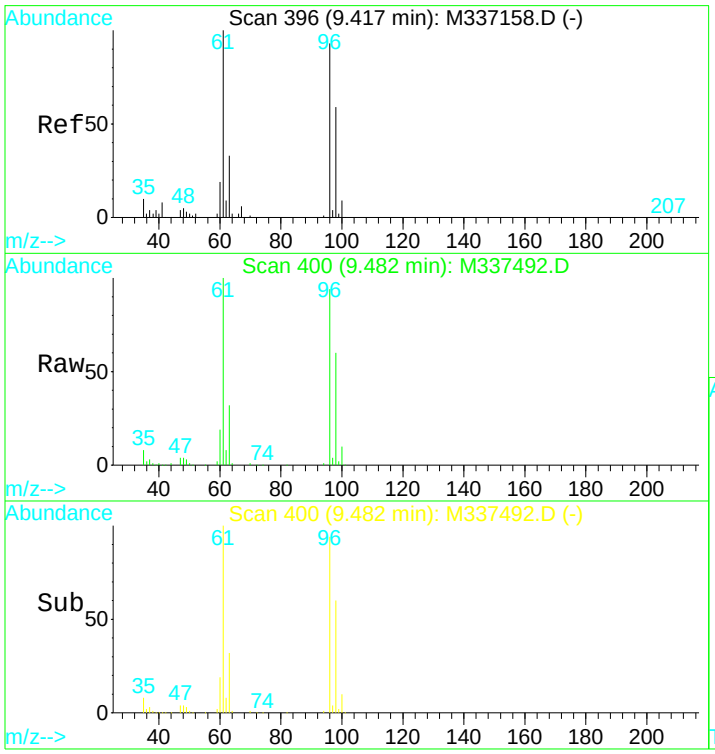


#21
1,1-Dichloroethane
Concen: 175.24 ug/l
RT: 8.59 min Scan# 340
Delta R.T. -0.01 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 63 Resp: 8297247

Ion	Ratio	Lower	Upper
63	100		
65	31.5	2.9	62.9
83	14.0	0.0	44.2

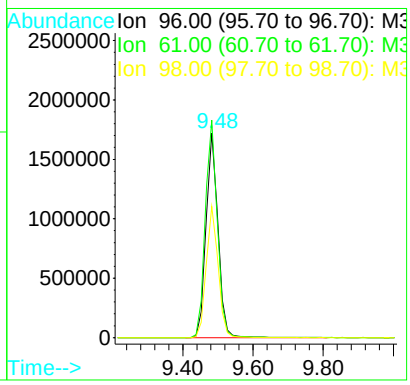


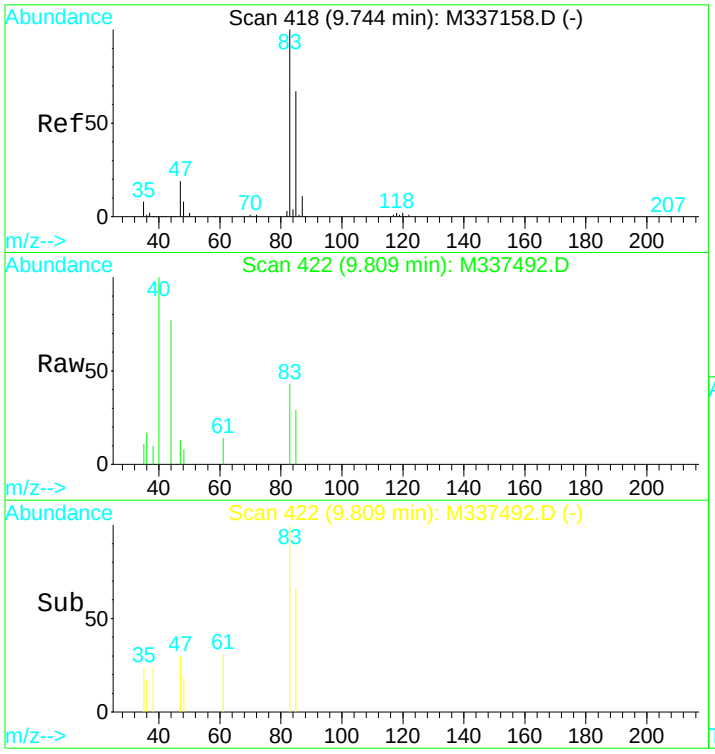


#27
cis-1,2 Dichloroethene
Concen: 112.14 ug/l
RT: 9.48 min Scan# 400
Delta R.T. -0.01 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 96 Resp: 4073213

Ion	Ratio	Lower	Upper
96	100		
61	106.4	77.5	137.5
98	64.1	33.9	93.9

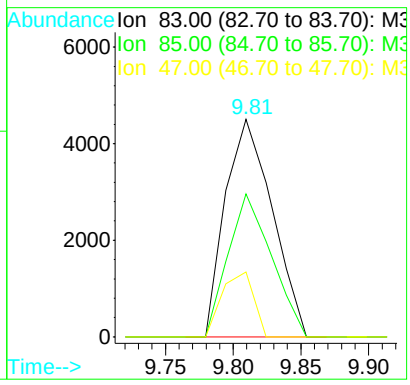


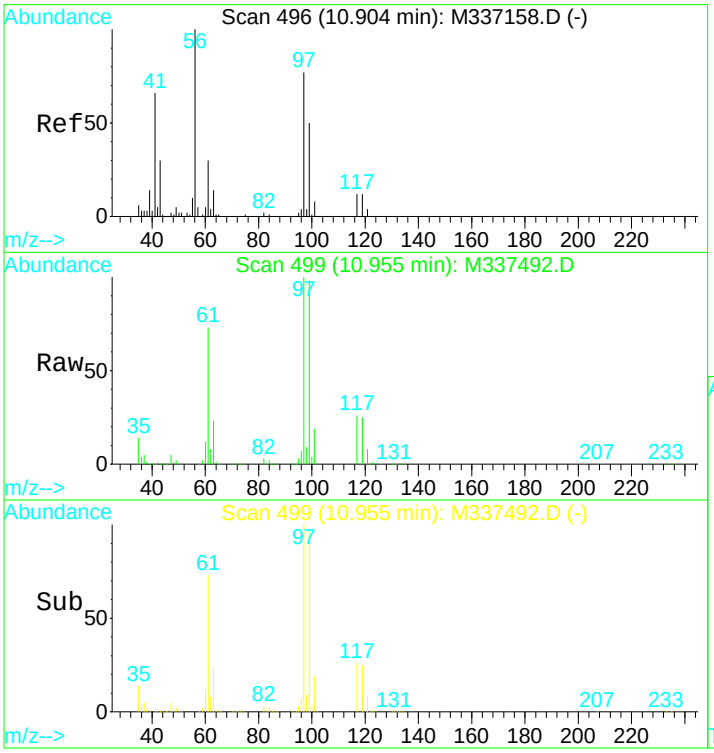


#33
Chloroform
Concen: 0.23 ug/l
RT: 9.81 min Scan# 422
Delta R.T. -0.01 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 83 Resp: 10840

Ion	Ratio	Lower	Upper
83	100		
85	65.7	37.1	97.1
47	29.9	0.0	53.5

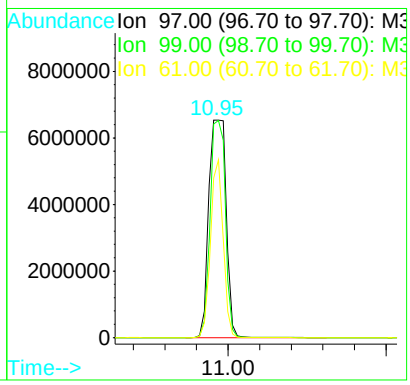


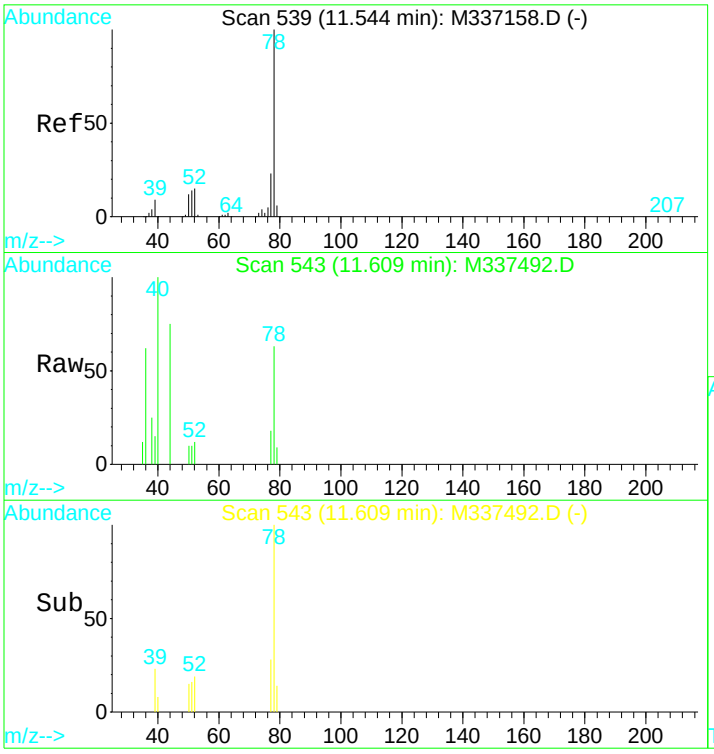


#36
1,1,1-Trichloroethane
Concen: 735.39 ug/l
RT: 10.95 min Scan# 499
Delta R.T. -0.03 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 97 Resp:25117302

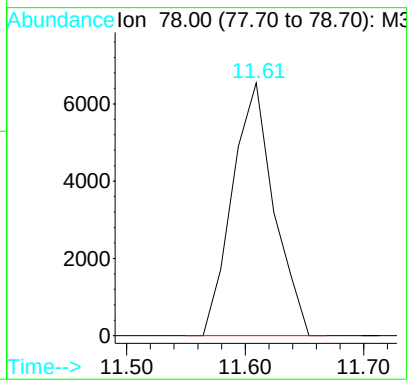
Ion	Ratio	Lower	Upper
97	100		
99	98.2	34.9	94.9#
61	73.4	9.8	69.8#

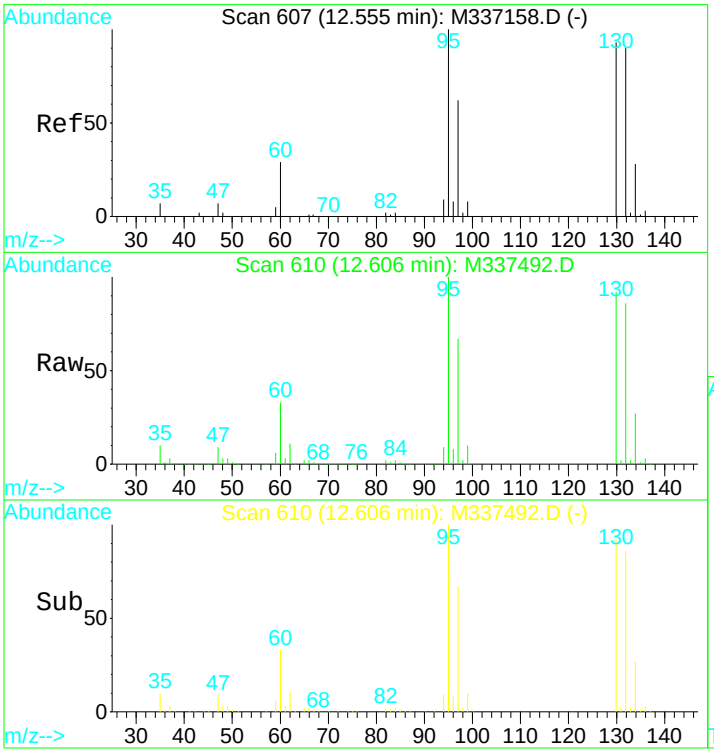




#40
Benzene
Concen: 0.14 ug/l
RT: 11.61 min Scan# 543
Delta R.T. 0.00 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 78 Resp: 15940

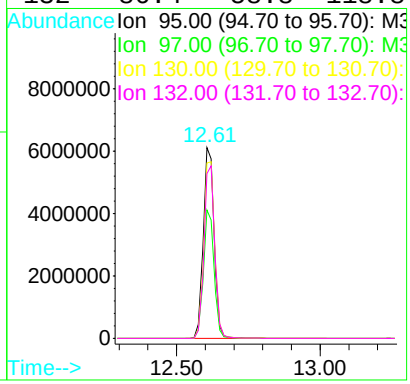


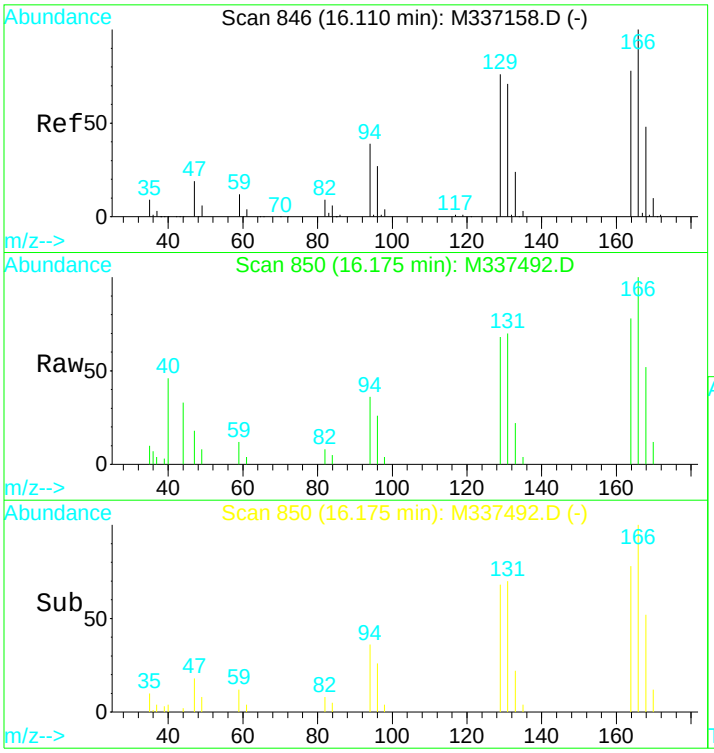


#44
Trichloroethene
Concen: 513.52 ug/l
RT: 12.61 min Scan# 610
Delta R.T. -0.01 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion: 95 Resp:16061114

Ion	Ratio	Lower	Upper
95	100		
97	67.3	35.0	95.0
130	91.9	62.7	122.7
132	86.4	58.8	118.8

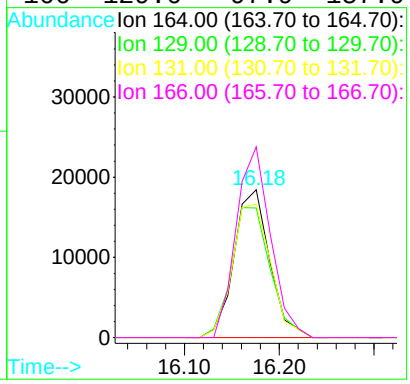




#63
Tetrachloroethene
Concen: 2.57 ug/l
RT: 16.18 min Scan# 850
Delta R.T. 0.00 min
Lab File: M337492.D
Acq: 3 Dec 2009 4:22 pm

Tgt Ion:164 Resp: 48089

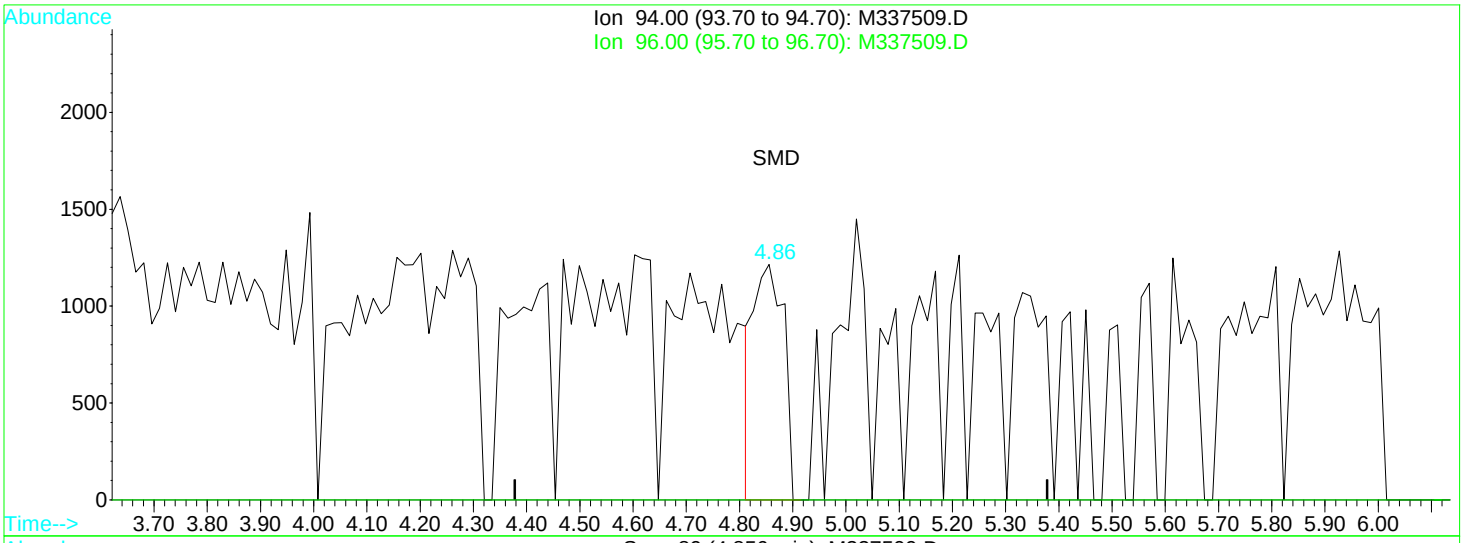
Ion	Ratio	Lower	Upper
164	100		
129	87.7	66.7	126.7
131	90.2	61.4	121.4
166	129.0	97.9	157.9

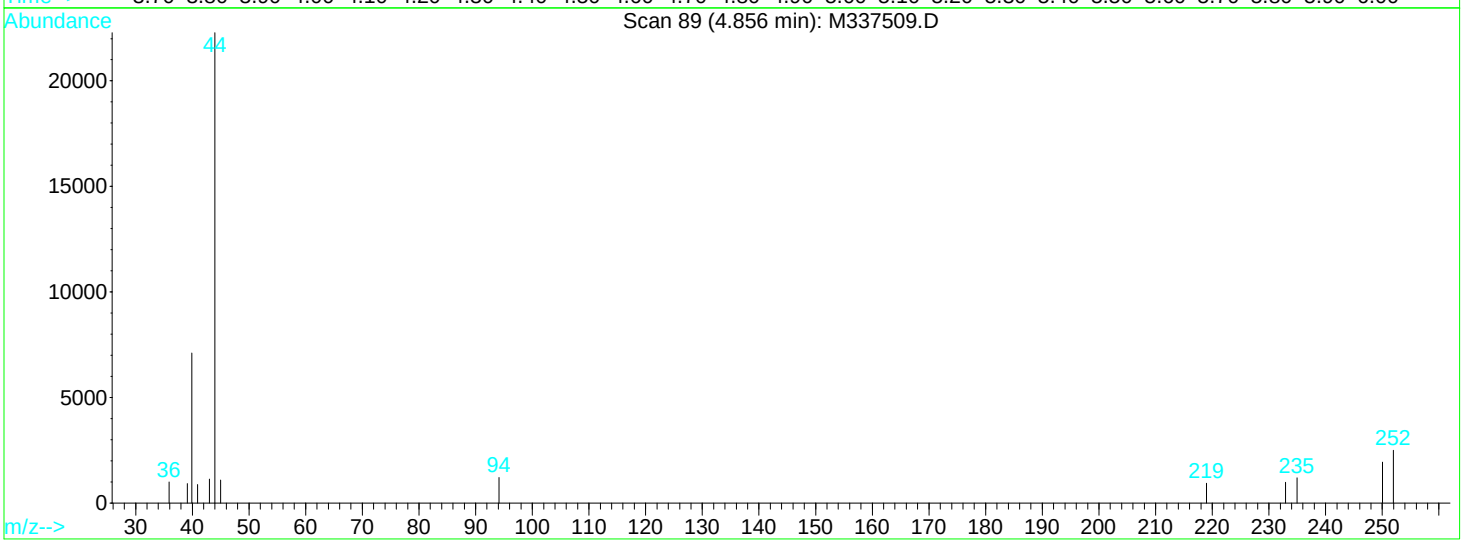


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337509.D Vial: 10
Acq On : 4 Dec 2009 12:59 pm Operator: MD
Sample : 0911321-10RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 13:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337509.D

(5) Bromomethane

4.86min 0.29ug/l

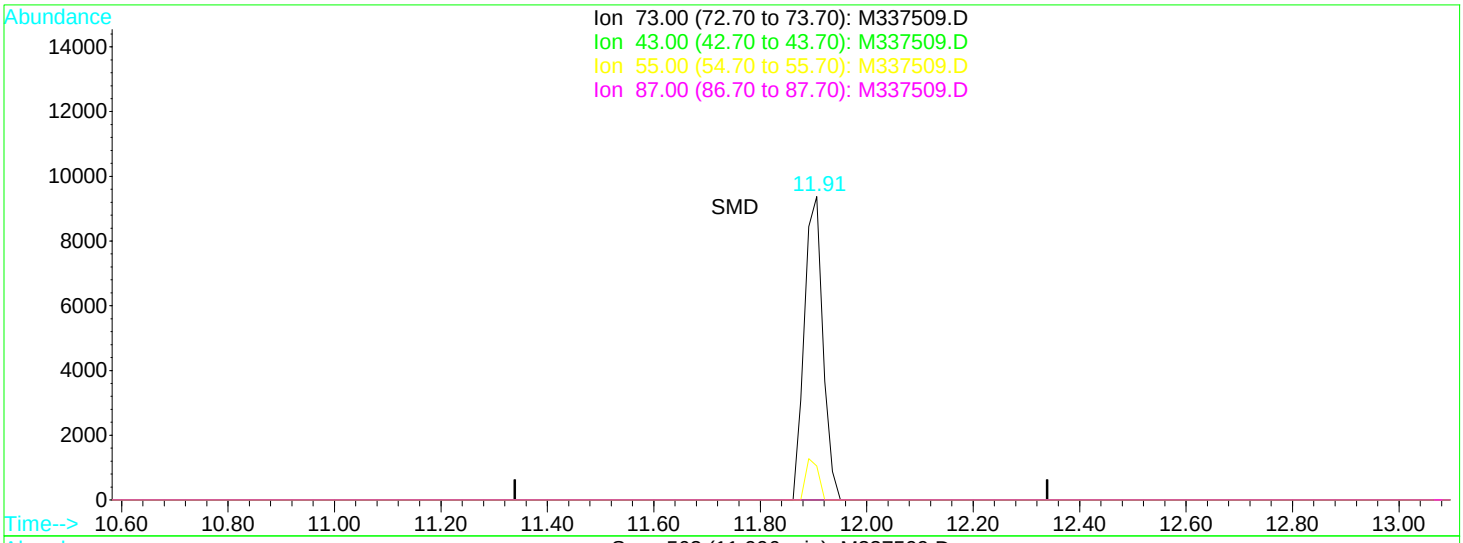
response 4774

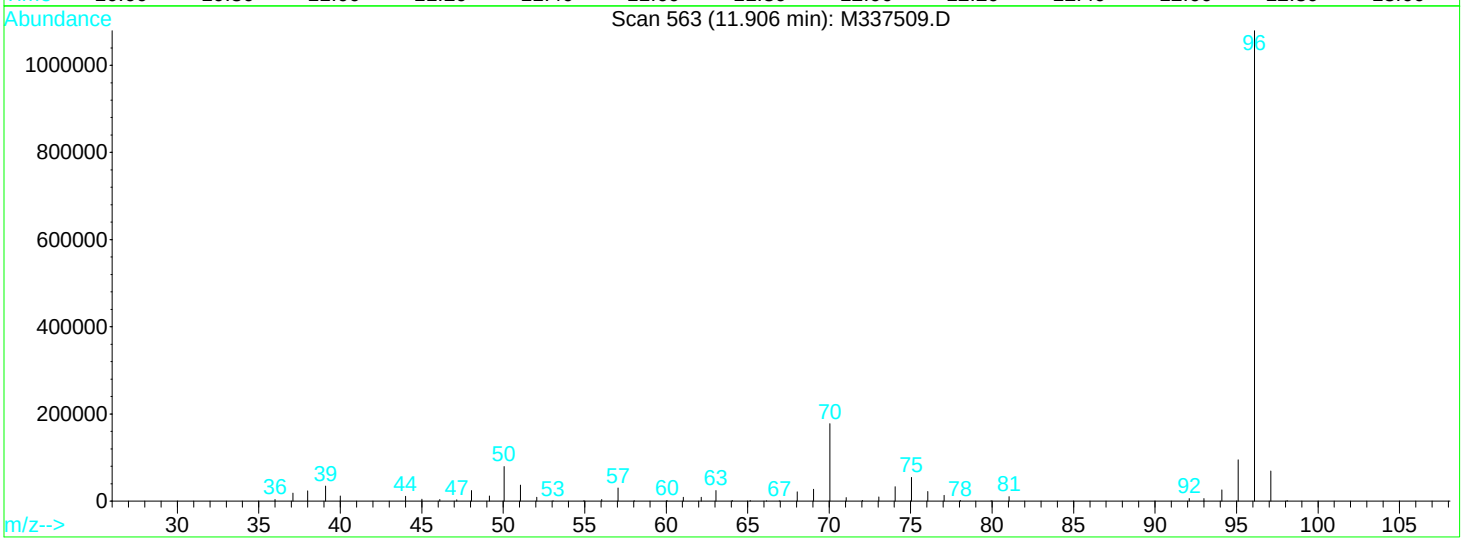
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337509.D Vial: 10
Acq On : 4 Dec 2009 12:59 pm Operator: MD
Sample : 0911321-10RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:58 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337509.D

(43) Tertiary-amyl methyl ether

11.91min 0.52ug/l

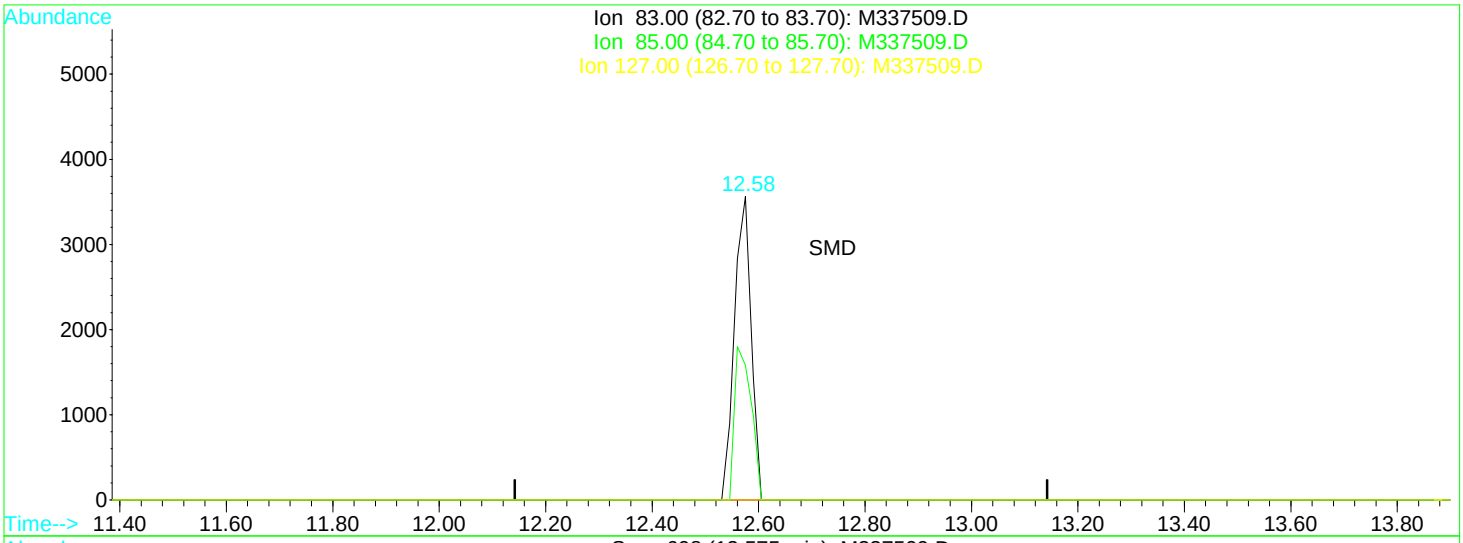
response 22723

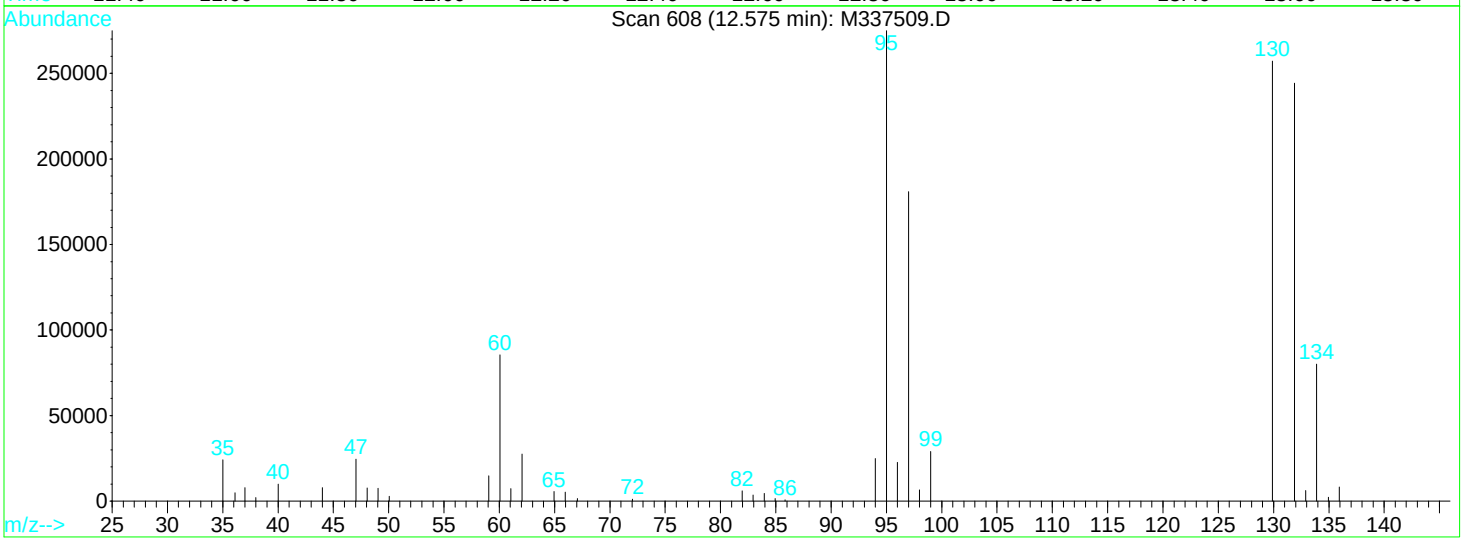
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.18
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337509.D Vial: 10
Acq On : 4 Dec 2009 12:59 pm Operator: MD
Sample : 0911321-10RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:59 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337509.D

(48) Bromodichloromethane

12.58min 0.25ug/l

response 7787

Ion	Exp%	Act%
83.00	100	100
85.00	64.00	44.44
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337509.D Vial: 10
Acq On : 4 Dec 2009 12:59 pm Operator: MD
Sample : 0911321-10RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:59 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

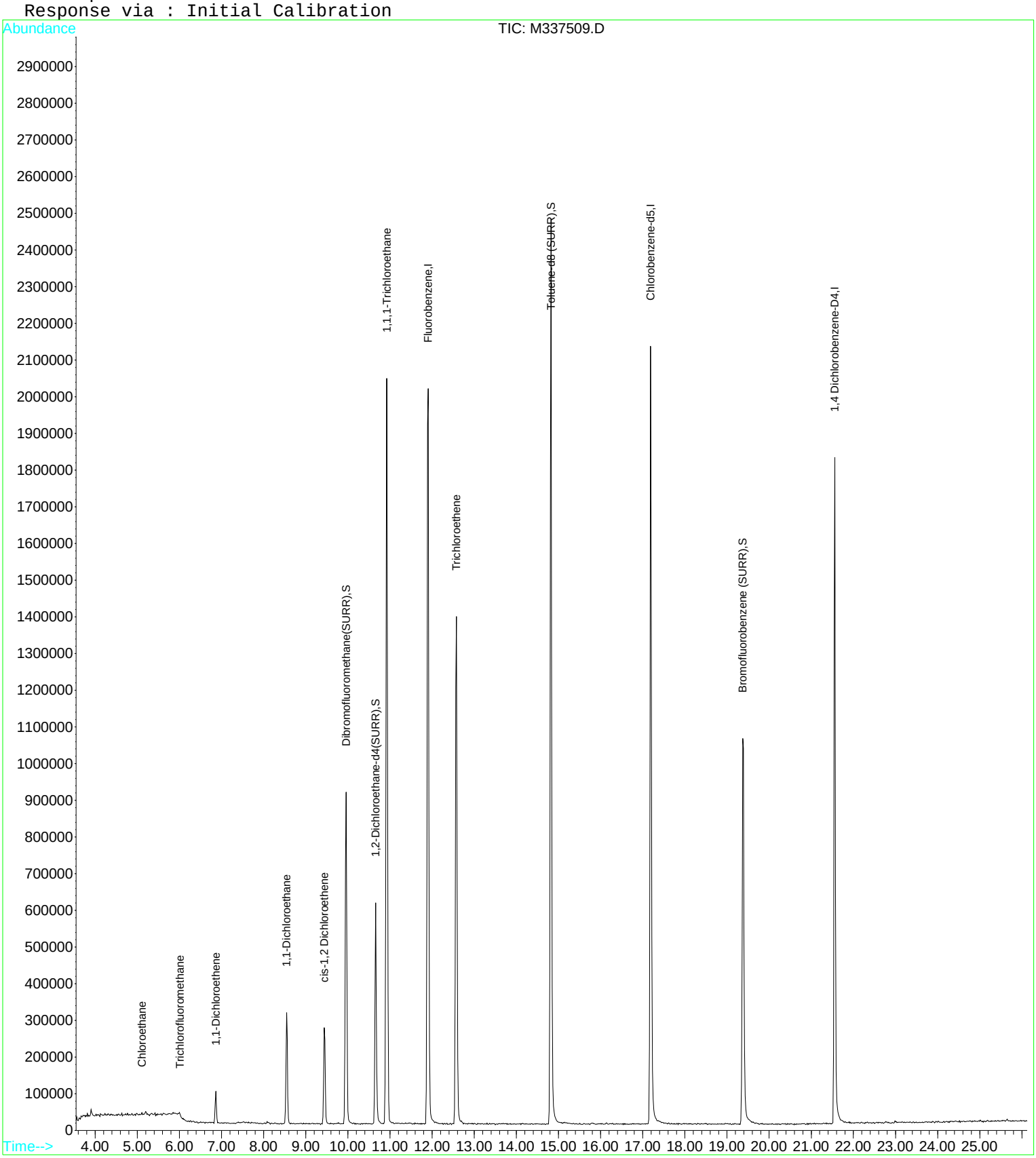
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.91	96	2789524	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1937752	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	684158	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.96	111	780139	22.64	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.56%		
41) 1,2-Dichloroethane-d4(SURR	10.66	65	453558	24.01	ug/l	0.00
Spiked Amount 25.000			Recovery =	96.04%		
59) Toluene-d8 (SURR)	14.82	98	2373699	23.76	ug/l	0.00
Spiked Amount 25.000			Recovery =	95.04%		
75) Bromofluorobenzene (SURR)	19.37	95	794232	23.16	ug/l	0.00
Spiked Amount 25.000			Recovery =	92.64%		
Target Compounds						Qvalue
6) Chloroethane	5.11	64	2316	0.17	ug/l	47
7) Trichlorofluoromethane	6.02	101	9919	0.31	ug/l	84
16) 1,1-Dichloroethene	6.86	96	48466	1.86	ug/l	97
21) 1,1-Dichloroethane	8.54	63	365681	8.31	ug/l	98
27) cis-1,2 Dichloroethene	9.44	96	169298	5.01	ug/l	92
36) 1,1,1-Trichloroethane	10.92	97	1687816	53.16	ug/l	99
44) Trichloroethene	12.58	95	710200	24.43	ug/l	99

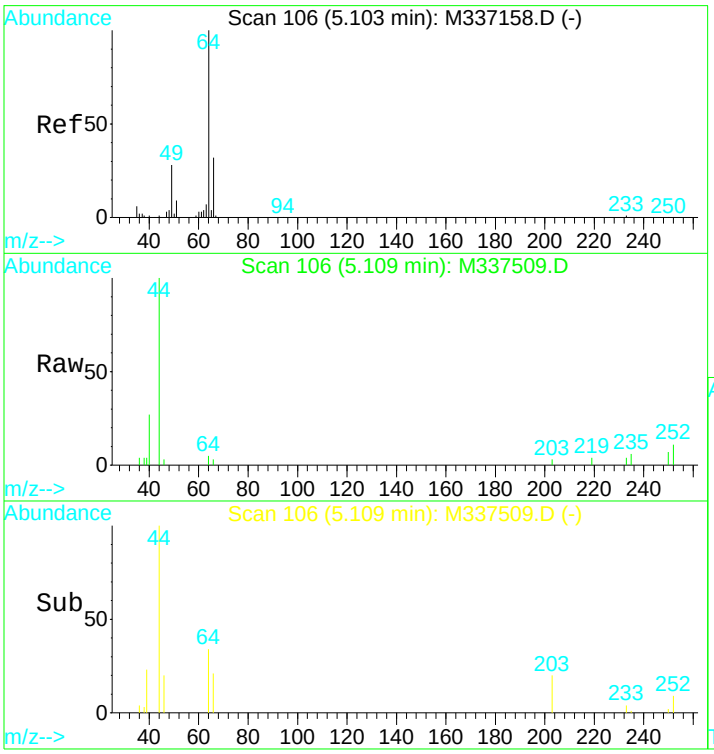
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337509.D Vial: 10
Acq On : 4 Dec 2009 12:59 pm Operator: MD
Sample : 0911321-10RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:59 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

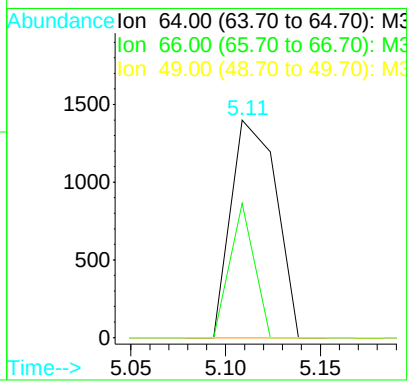


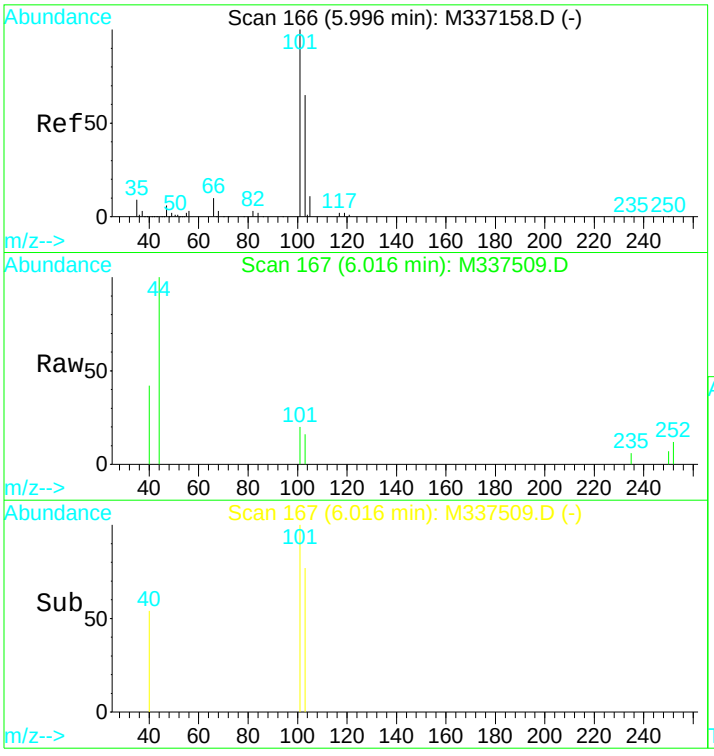


#6
Chloroethane
Concen: 0.17 ug/l
RT: 5.11 min Scan# 106
Delta R.T. -0.01 min
Lab File: M337509.D
Acq: 4 Dec 2009 12:59 pm

Tgt Ion: 64 Resp: 2316

Ion	Ratio	Lower	Upper
64	100		
66	61.8	2.1	62.1
49	0.0	0.0	58.1

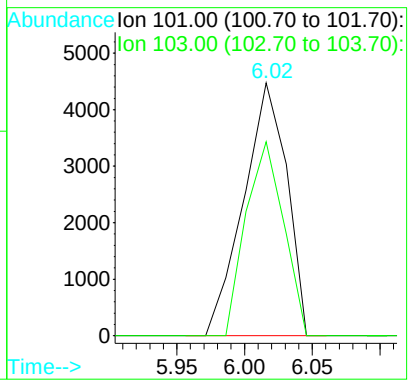


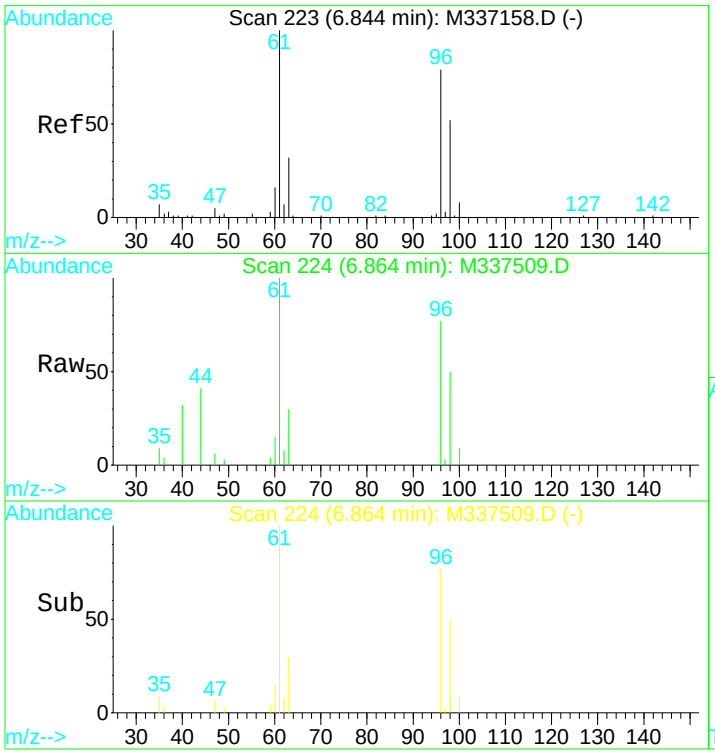


#7
Trichlorofluoromethane
Concen: 0.31 ug/l
RT: 6.02 min Scan# 167
Delta R.T. 0.01 min
Lab File: M337509.D
Acq: 4 Dec 2009 12:59 pm

Tgt Ion:101 Resp: 9919

Ion	Ratio	Lower	Upper
101	100		
103	76.8	34.5	94.5

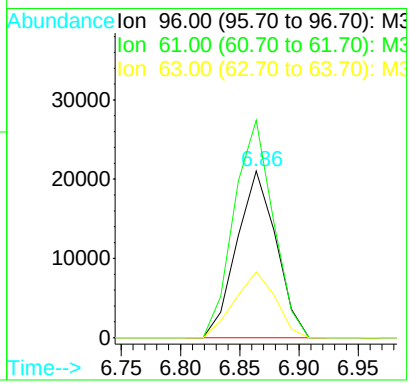


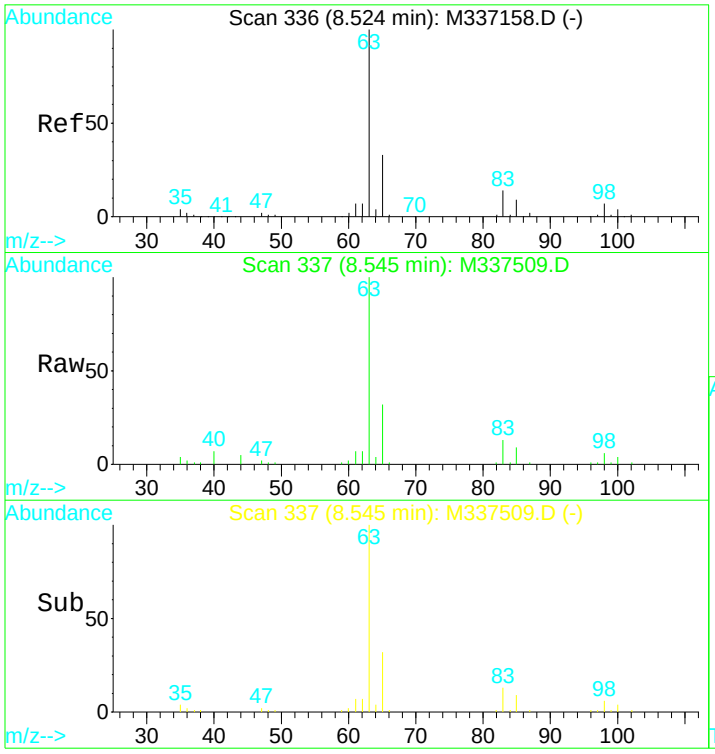


#16
1,1-Dichloroethene
Concen: 1.86 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.01 min
Lab File: M337509.D
Acq: 4 Dec 2009 12:59 pm

Tgt Ion: 96 Resp: 48466

Ion	Ratio	Lower	Upper
96	100		
61	130.6	96.1	156.1
63	39.5	10.0	70.0

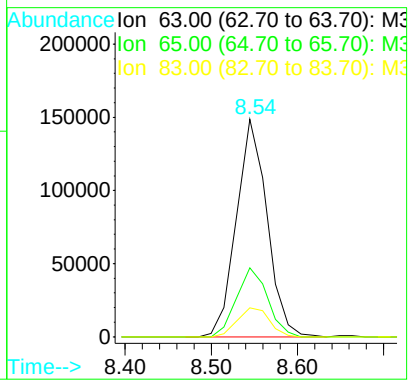


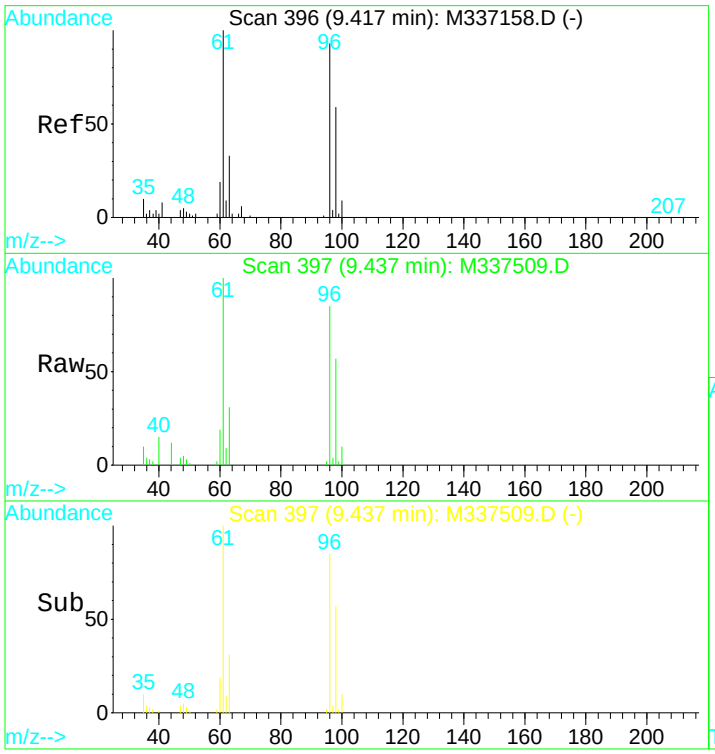


#21
1,1-Dichloroethane
Concen: 8.31 ug/l
RT: 8.54 min Scan# 337
Delta R.T. 0.01 min
Lab File: M337509.D
Acq: 4 Dec 2009 12:59 pm

Tgt Ion: 63 Resp: 365681

Ion	Ratio	Lower	Upper
63	100		
65	31.7	2.9	62.9
83	13.4	0.0	44.2

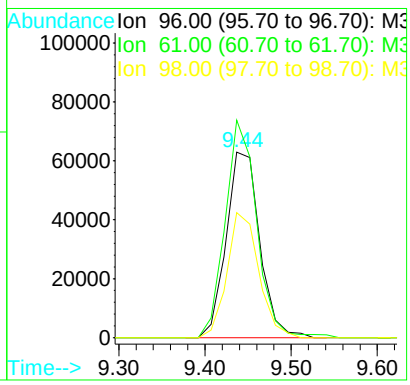


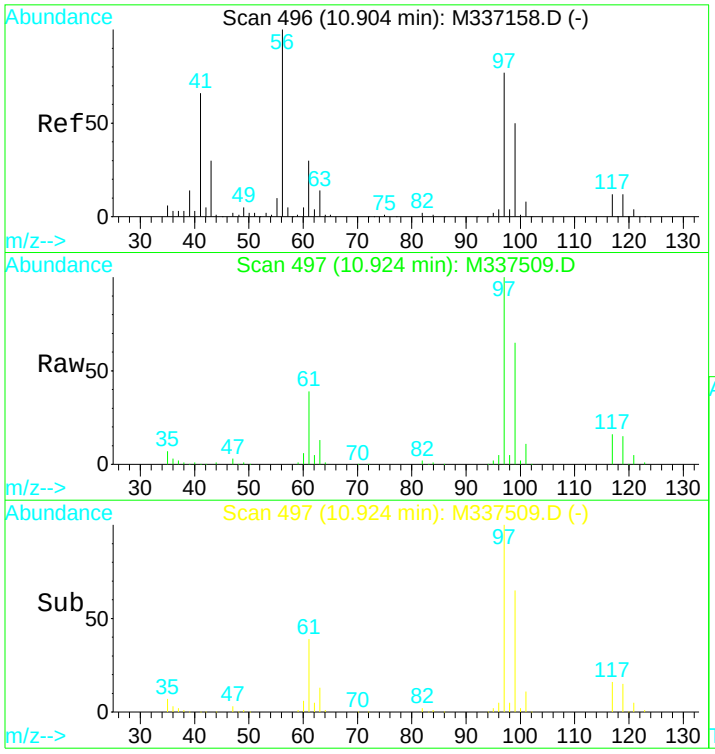


#27
cis-1,2 Dichloroethene
Concen: 5.01 ug/l
RT: 9.44 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337509.D
Acq: 4 Dec 2009 12:59 pm

Tgt Ion: 96 Resp: 169298

Ion	Ratio	Lower	Upper
96	100		
61	117.3	77.5	137.5
98	67.4	33.9	93.9

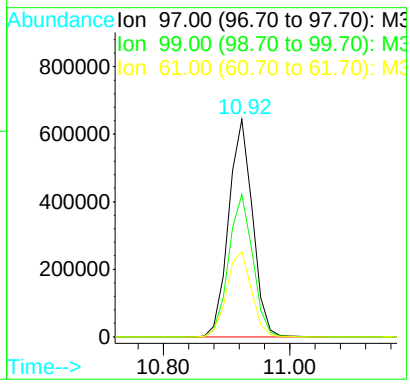


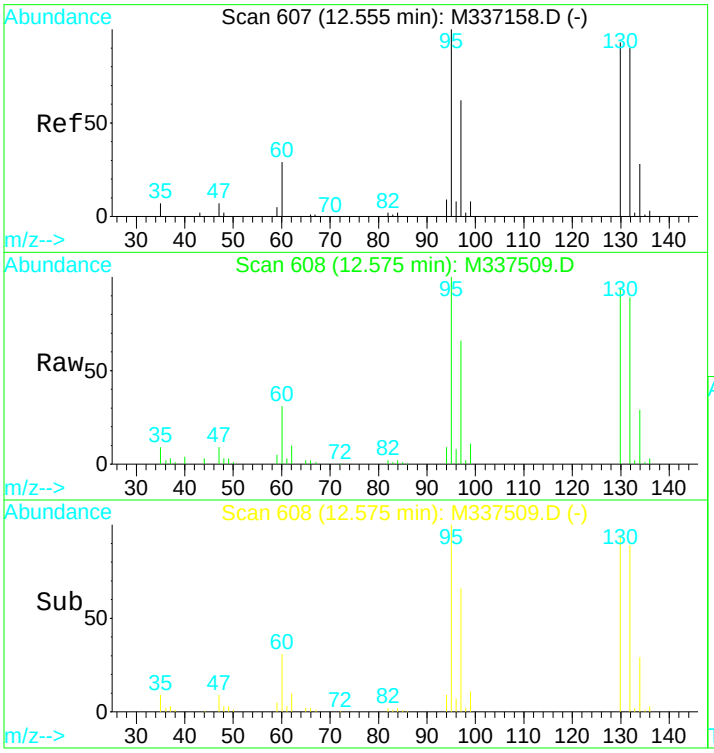


#36
1,1,1-Trichloroethane
Concen: 53.16 ug/l
RT: 10.92 min Scan# 497
Delta R.T. 0.01 min
Lab File: M337509.D
Acq: 4 Dec 2009 12:59 pm

Tgt Ion: 97 Resp: 1687816

Ion	Ratio	Lower	Upper
97	100		
99	65.5	34.9	94.9
61	39.3	9.8	69.8

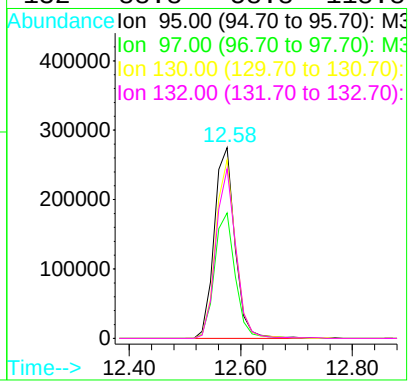




#44
Trichloroethene
Concen: 24.43 ug/l
RT: 12.58 min Scan# 608
Delta R.T. 0.01 min
Lab File: M337509.D
Acq: 4 Dec 2009 12:59 pm

Tgt Ion: 95 Resp: 710200

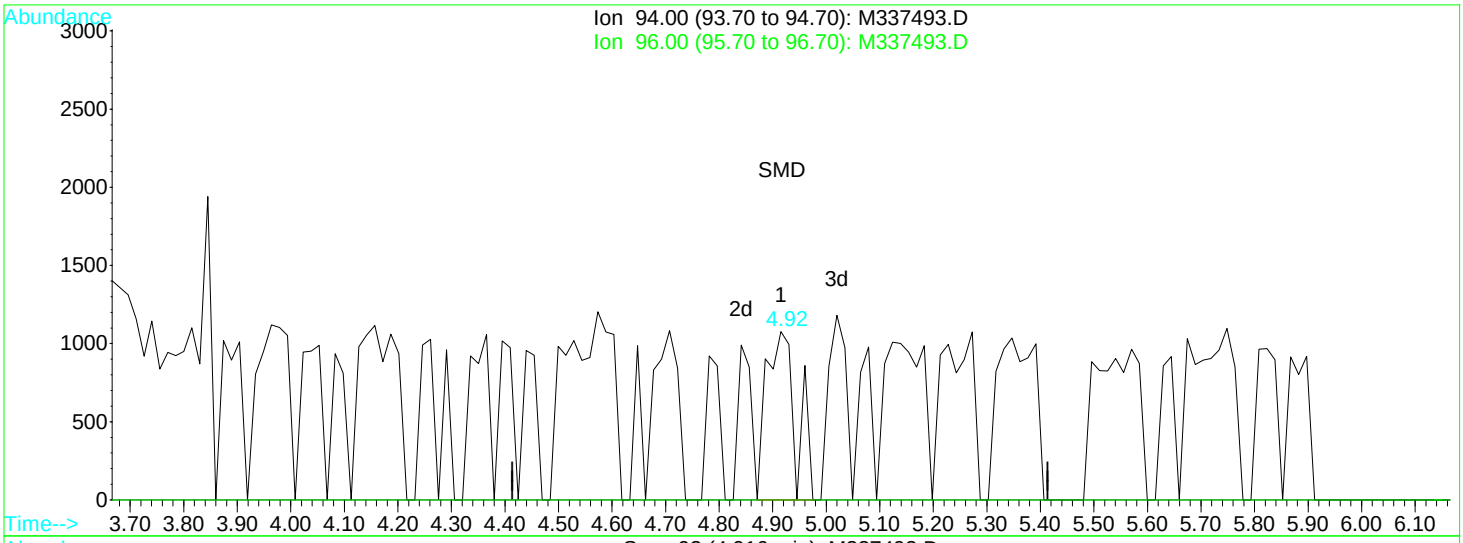
Ion	Ratio	Lower	Upper
95	100		
97	65.8	35.0	95.0
130	93.5	62.7	122.7
132	88.8	58.8	118.8

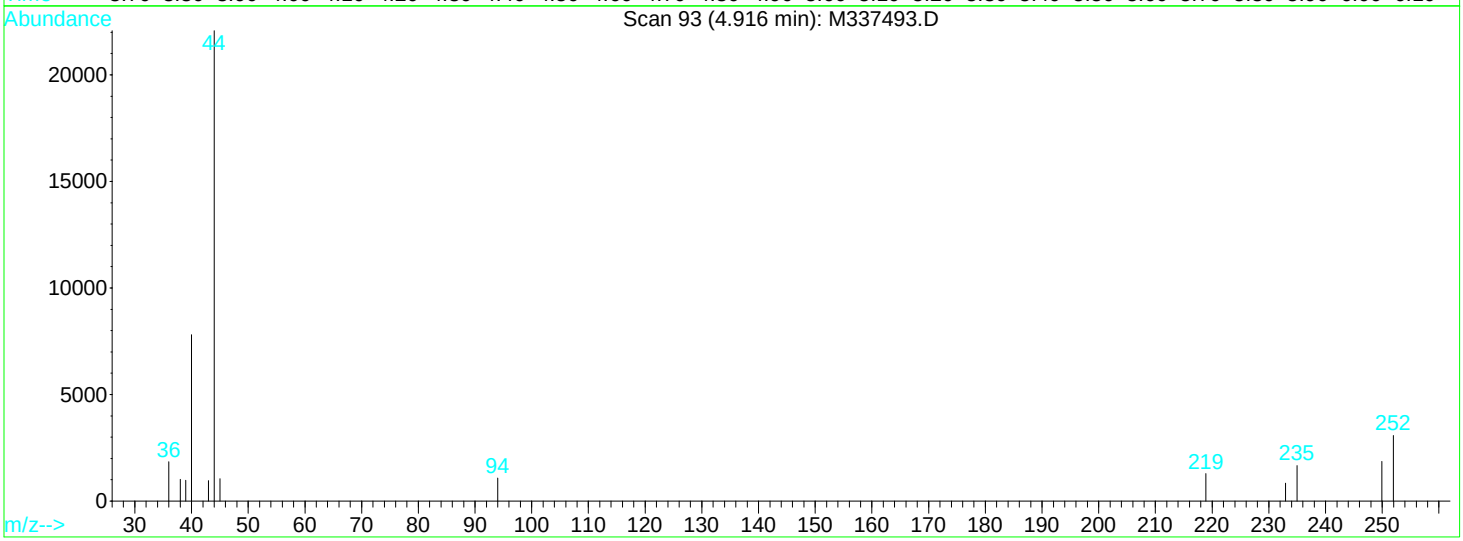


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337493.D Vial: 17
Acq On : 3 Dec 2009 4:54 pm Operator: MD
Sample : 0911321-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 17:23 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337493.D

(5) Bromomethane

4.92min 0.24ug/l

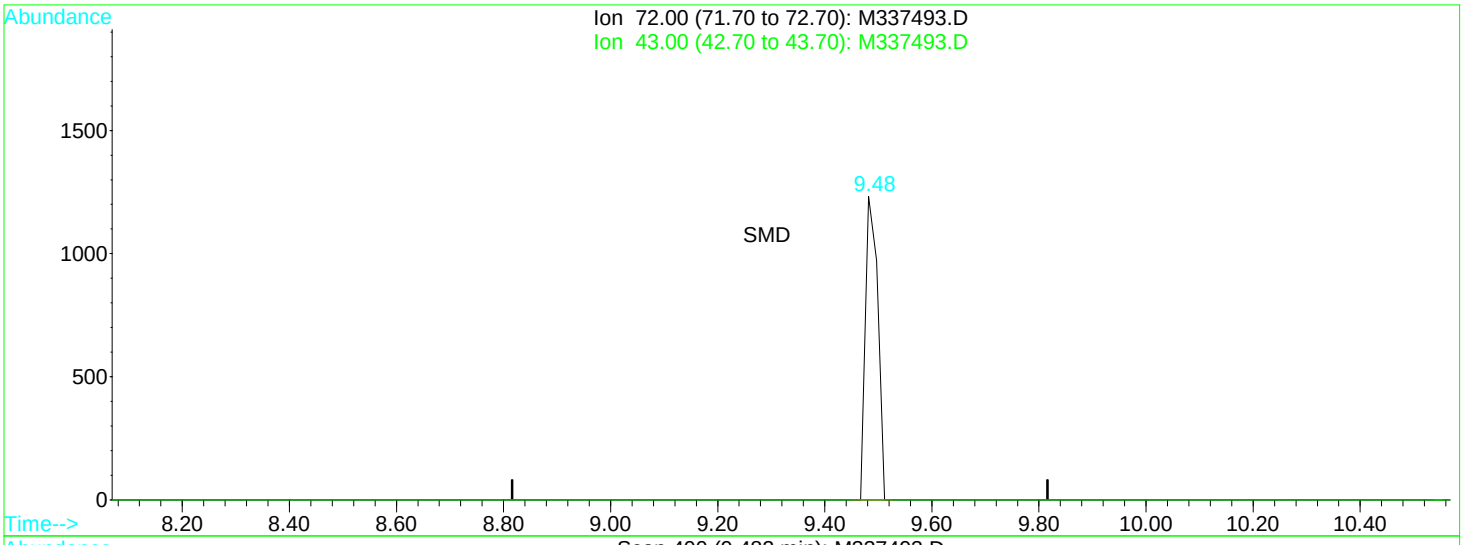
response 4169

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337493.D Vial: 17
Acq On : 3 Dec 2009 4:54 pm Operator: MD
Sample : 0911321-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337493.D

(24) 2-Butanone

9.48min 1.41ug/l

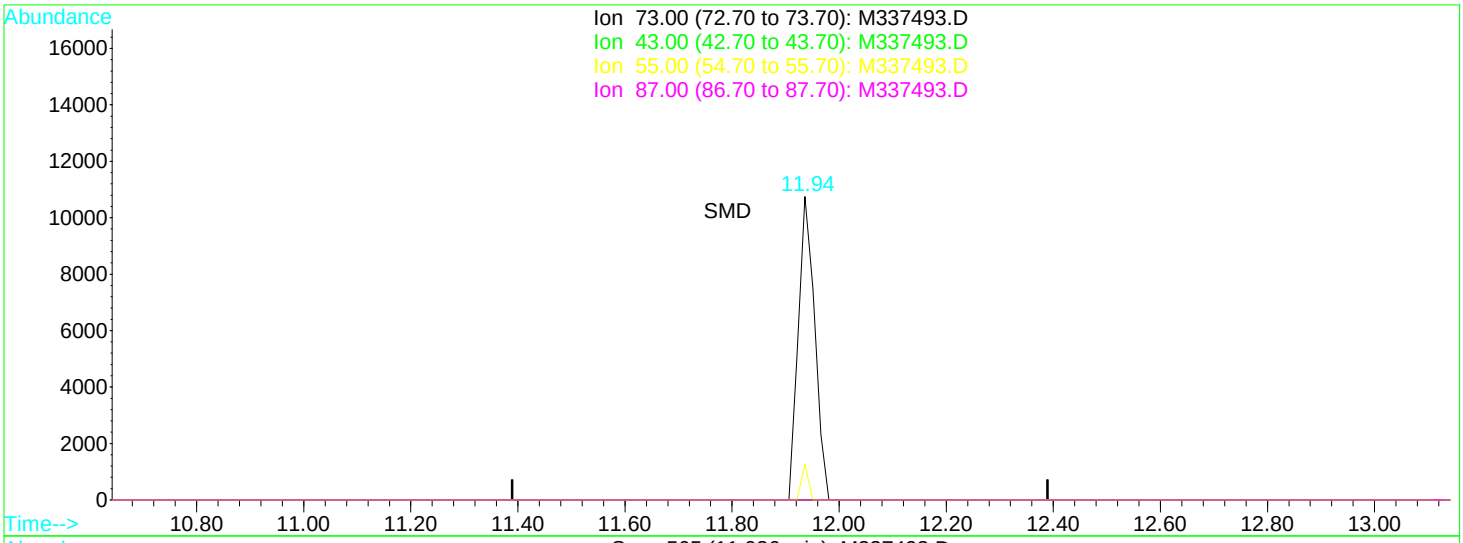
response 1967

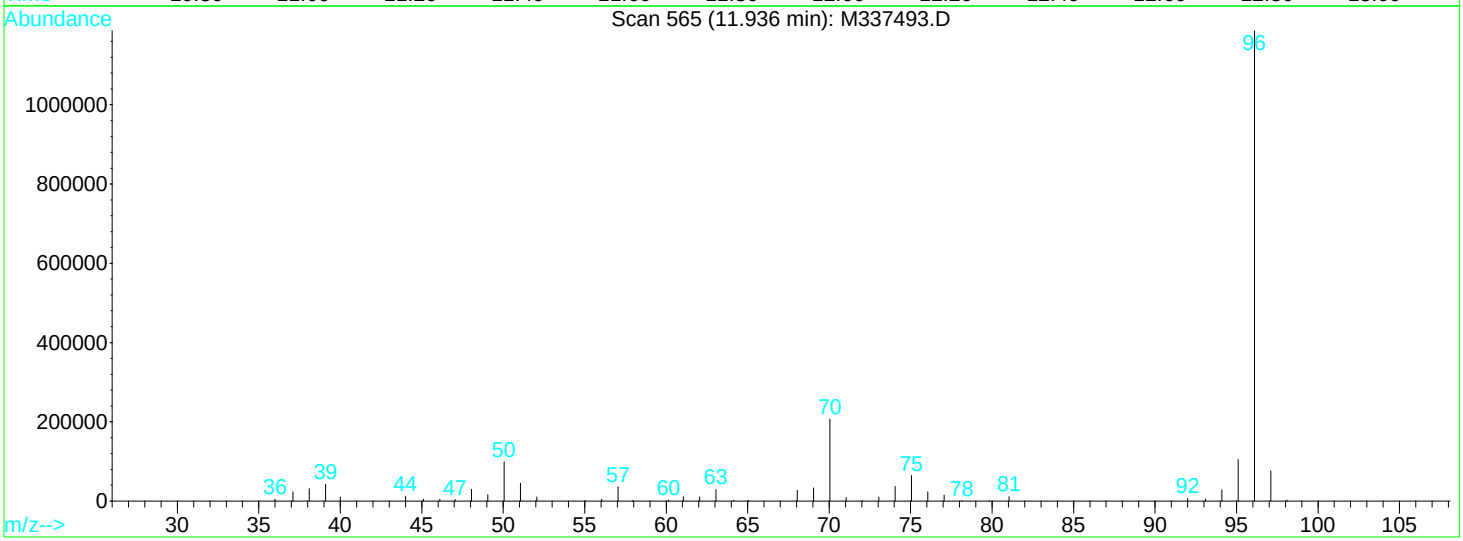
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337493.D Vial: 17
Acq On : 3 Dec 2009 4:54 pm Operator: MD
Sample : 0911321-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:26 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337493.D

(43) Tertiary-amyl methyl ether

11.94min 0.50ug/l

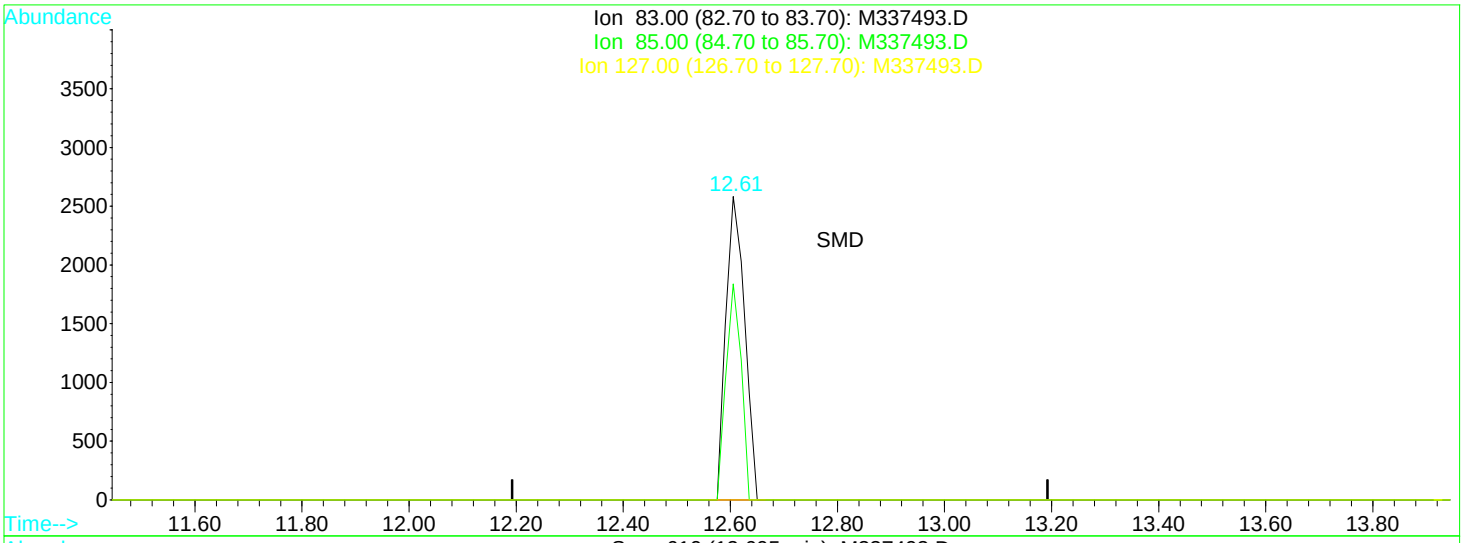
response 22866

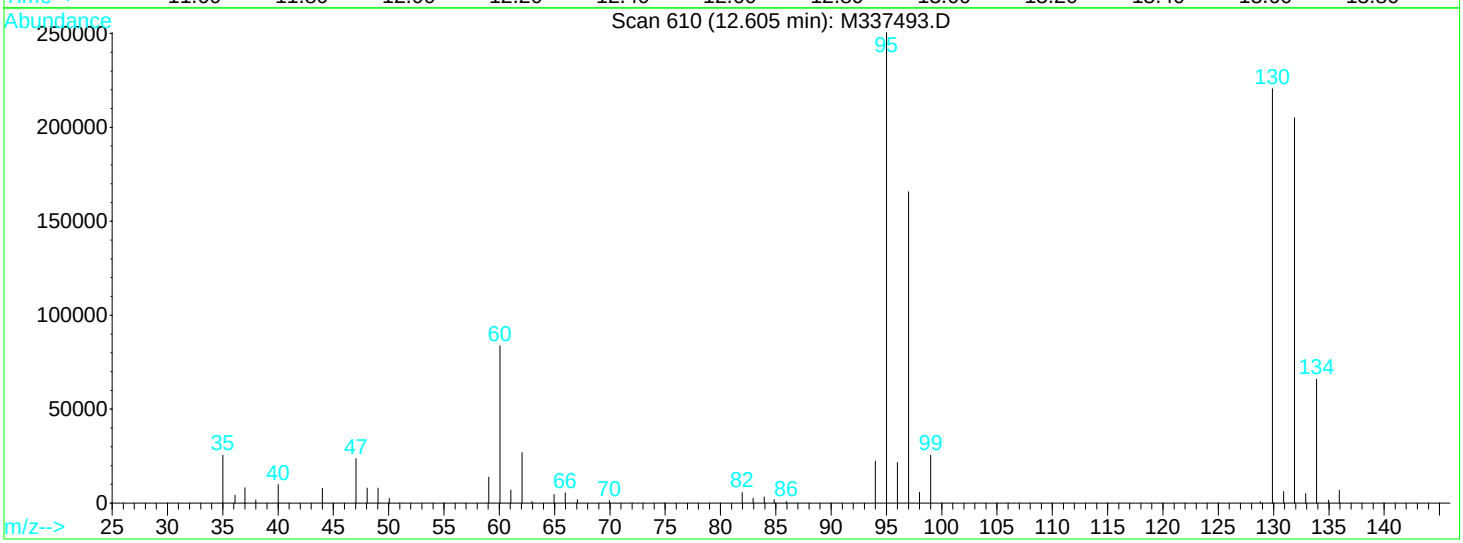
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.73
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337493.D Vial: 17
Acq On : 3 Dec 2009 4:54 pm Operator: MD
Sample : 0911321-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:26 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337493.D

(48) Bromodichloromethane

12.61min 0.19ug/l

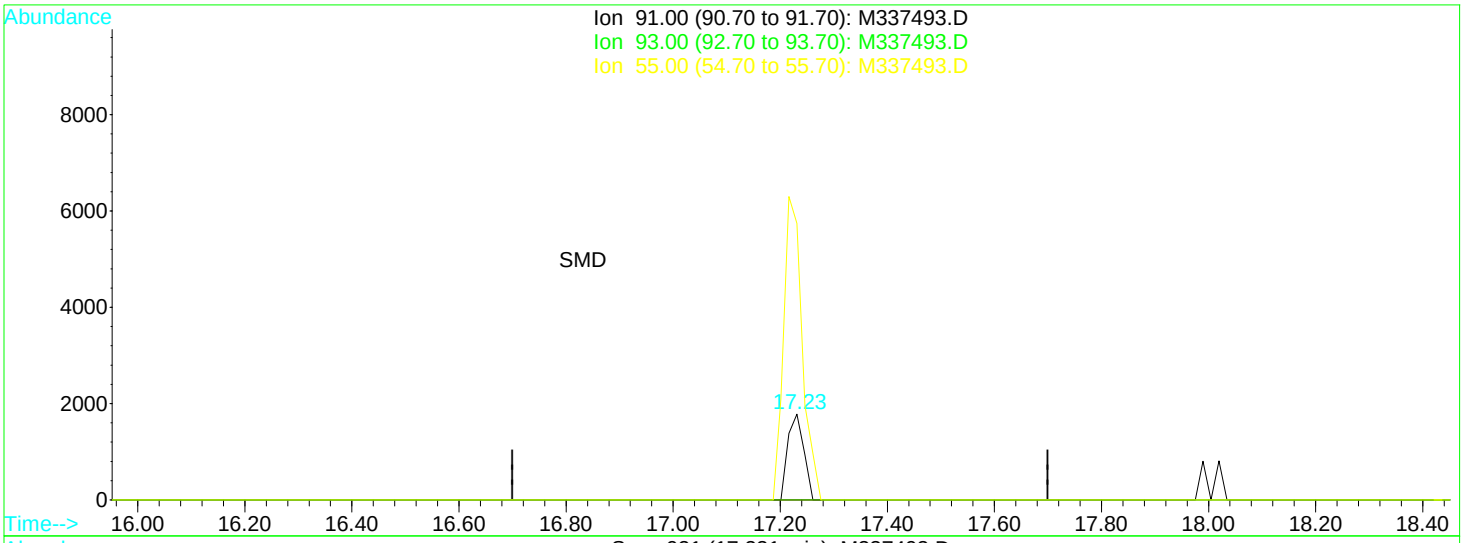
response 6256

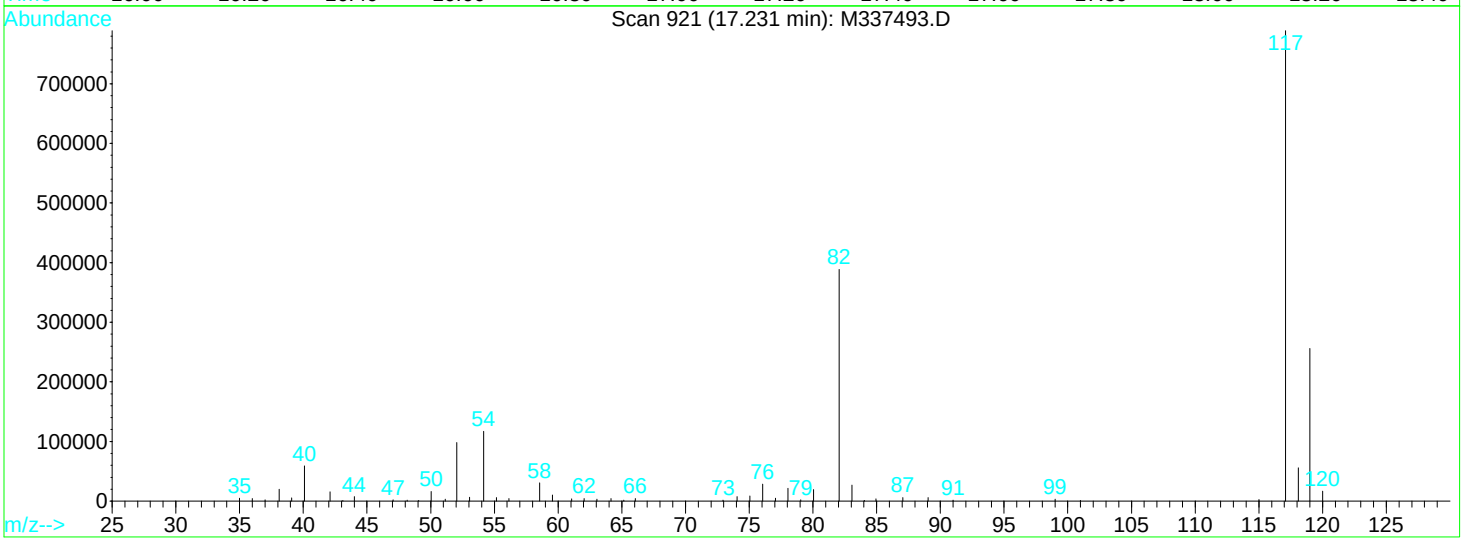
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	71.23
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337493.D Vial: 17
Acq On : 3 Dec 2009 4:54 pm Operator: MD
Sample : 0911321-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:27 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337493.D

(66) 1-Chlorohexane

17.23min 0.14ug/l

response 3662

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	321.86#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337493.D Vial: 17
Acq On : 3 Dec 2009 4:54 pm Operator: MD
Sample : 0911321-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:27 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

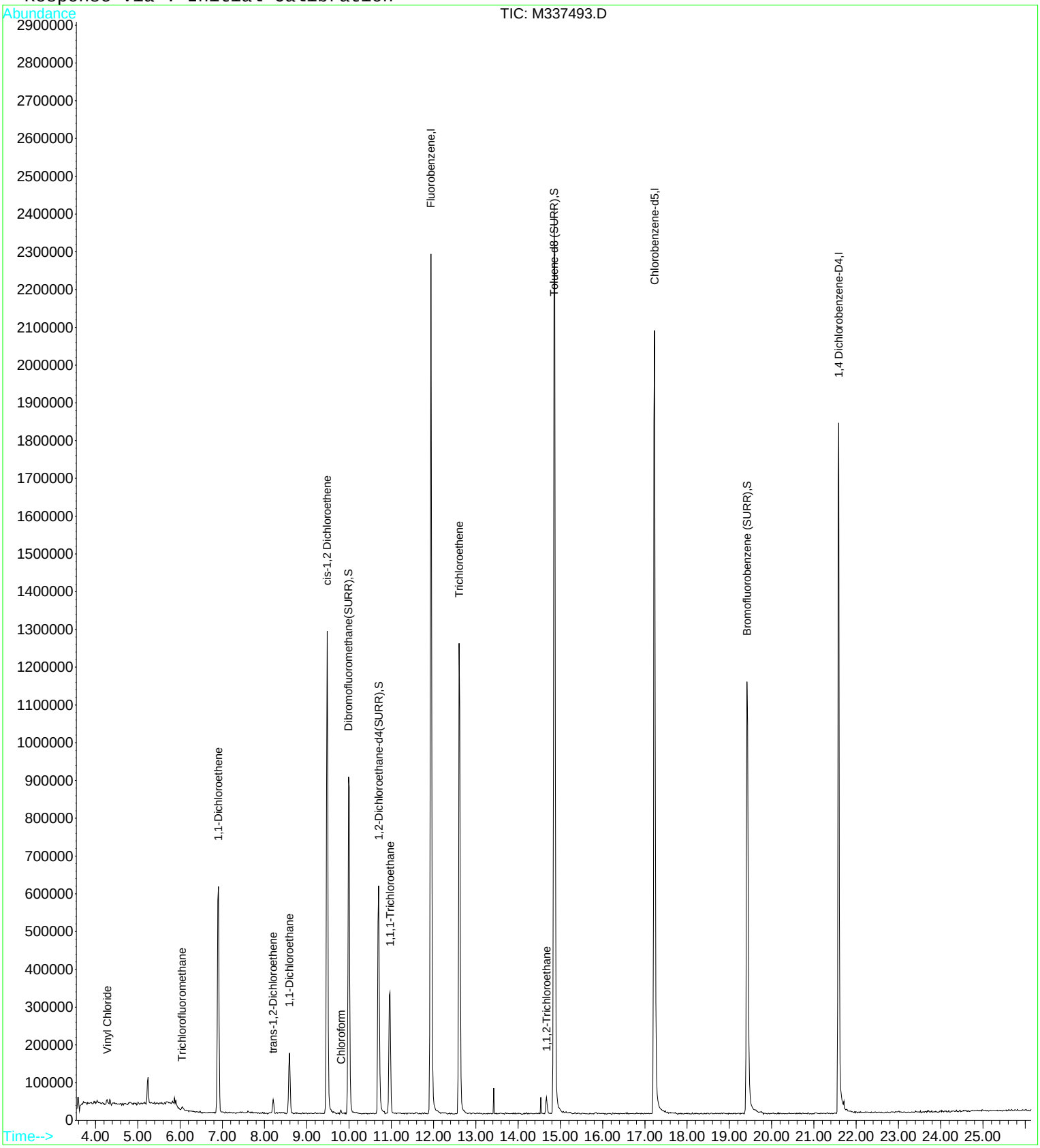
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.94	96	2937598	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.23	117	2029275	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.59	152	746472	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.99	111	823649	22.70	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.80%			
41) 1,2-Dichloroethane-d4(SURR	10.70	65	478292	24.04	ug/l	-0.01
Spiked Amount 25.000			Recovery = 96.16%			
59) Toluene-d8 (SURR)	14.85	98	2510938	24.00	ug/l	-0.03
Spiked Amount 25.000			Recovery = 96.00%			
75) Bromofluorobenzene (SURR)	19.42	95	845444	23.54	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.28	62	14290	0.57	ug/l	72
7) Trichlorofluoromethane	6.05	101	10071	0.30	ug/l	98
16) 1,1-Dichloroethene	6.91	96	367156	13.37	ug/l	95
20) trans-1,2-Dichloroethene	8.20	96	22891	0.75	ug/l	90
21) 1,1-Dichloroethane	8.59	63	196071	4.23	ug/l	96
27) cis-1,2 Dichloroethene	9.48	96	786323	22.12	ug/l	100
33) Chloroform	9.81	83	8074	0.17	ug/l	91
36) 1,1,1-Trichloroethane	10.97	97	283135	8.47	ug/l	99
44) Trichloroethene	12.61	95	636770	20.80	ug/l	95
56) 1,1,2-Trichloroethane	14.67	83	20430	1.05	ug/l	83

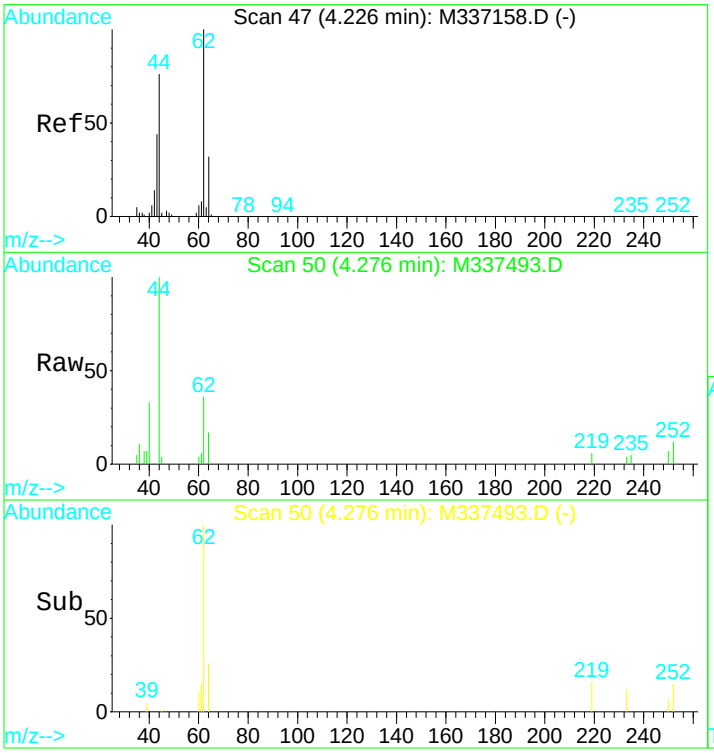
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337493.D Vial: 17
Acq On : 3 Dec 2009 4:54 pm Operator: MD
Sample : 0911321-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:27 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

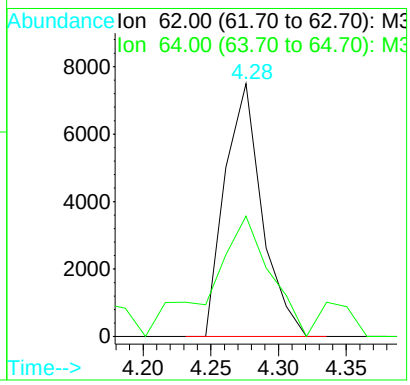


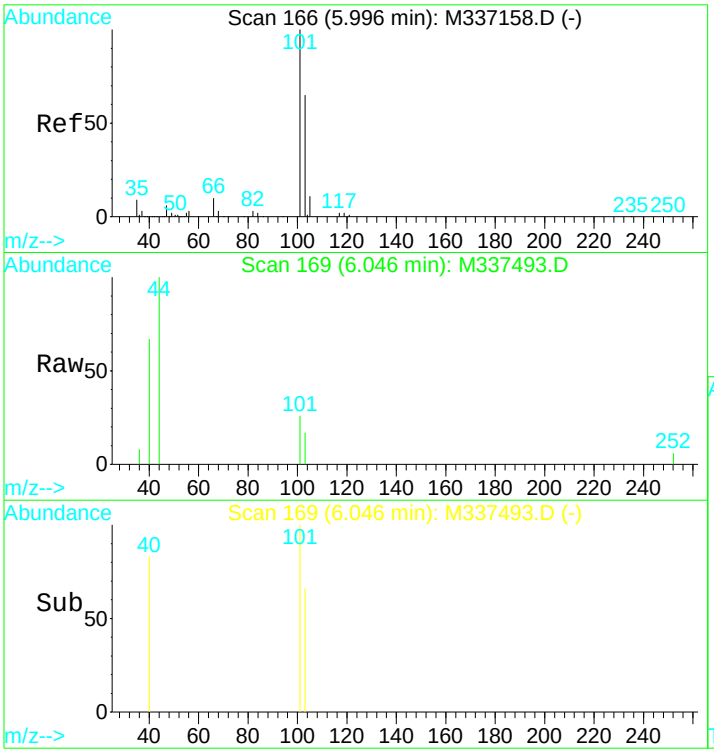


#4
Vinyl Chloride
Concen: 0.57 ug/l
RT: 4.28 min Scan# 50
Delta R.T. 0.00 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 62 Resp: 14290

Ion	Ratio	Lower	Upper
62	100		
64	47.6	1.8	61.8

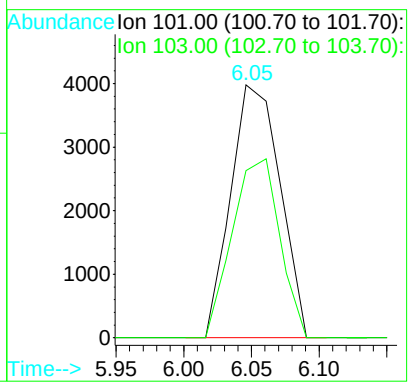


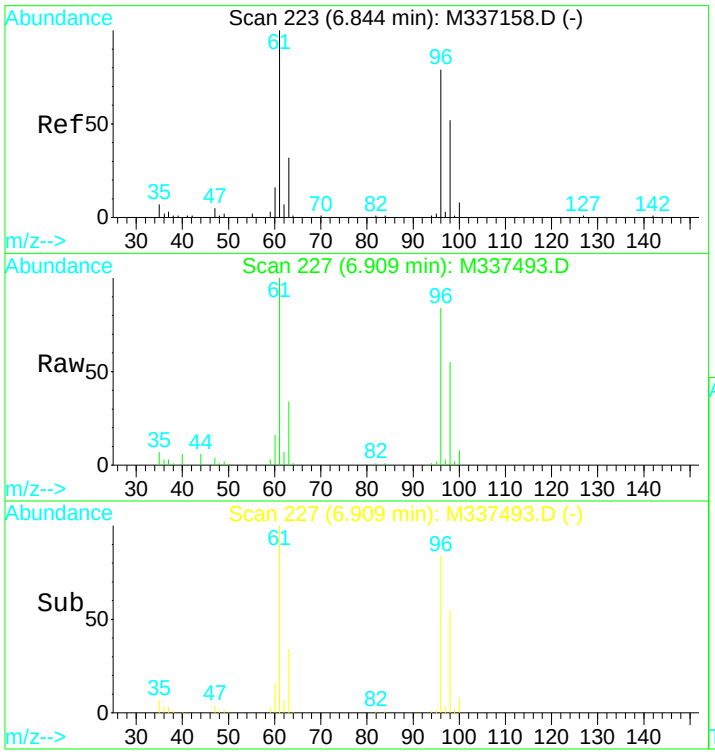


#7
Trichlorofluoromethane
Concen: 0.30 ug/l
RT: 6.05 min Scan# 169
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion:101 Resp: 10071

Ion	Ratio	Lower	Upper
101	100		
103	66.1	34.5	94.5

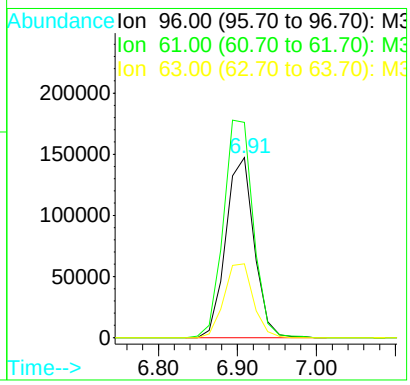


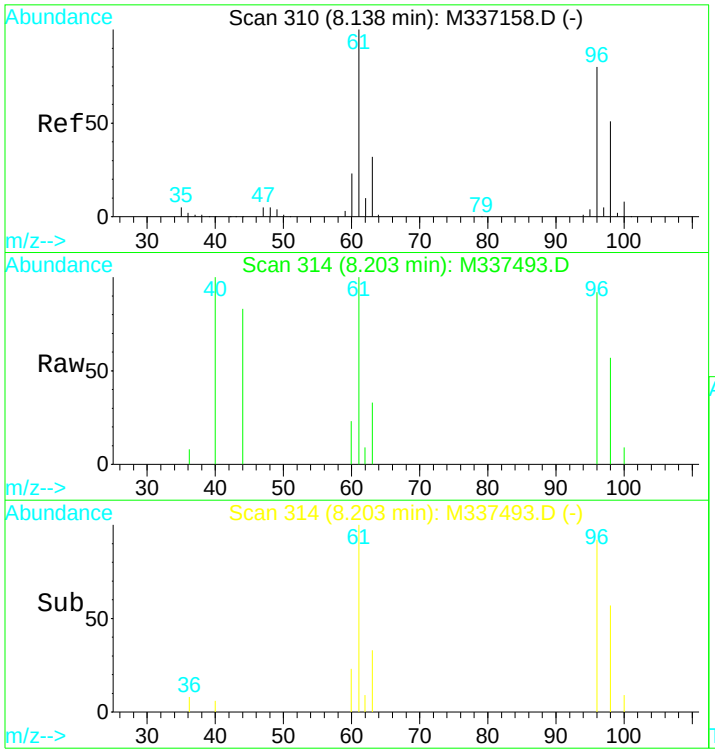


#16
1,1-Dichloroethene
Concen: 13.37 ug/l
RT: 6.91 min Scan# 227
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 96 Resp: 367156

Ion	Ratio	Lower	Upper
96	100		
61	119.6	96.1	156.1
63	41.0	10.0	70.0

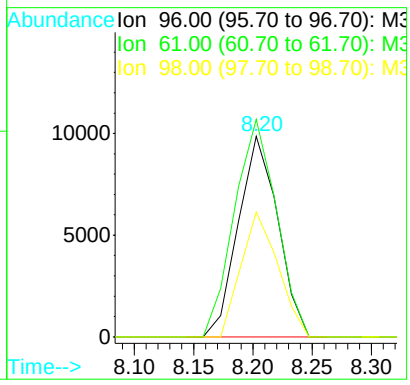


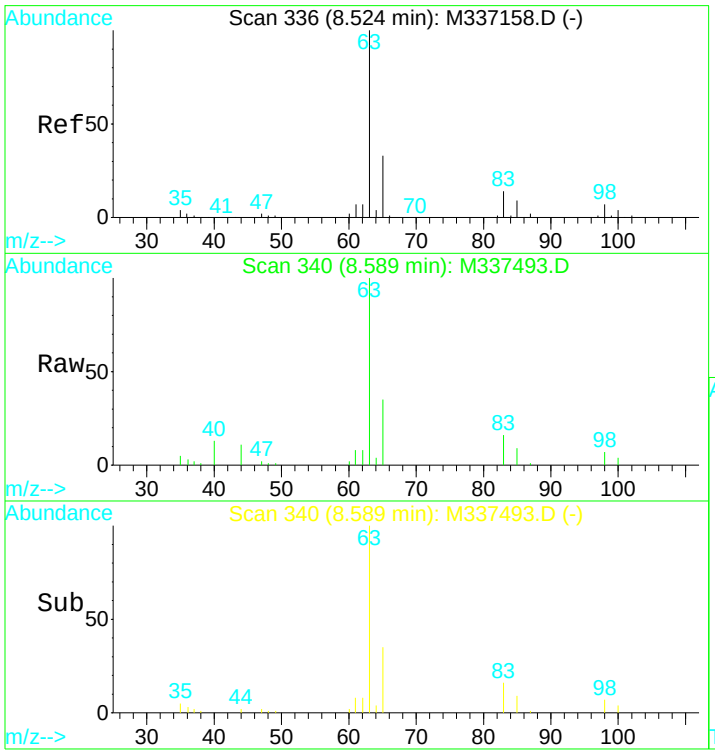


#20
trans-1,2-Dichloroethene
Concen: 0.75 ug/l
RT: 8.20 min Scan# 314
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 96 Resp: 22891

Ion	Ratio	Lower	Upper
96	100		
61	108.4	95.0	155.0
98	62.2	33.4	93.4

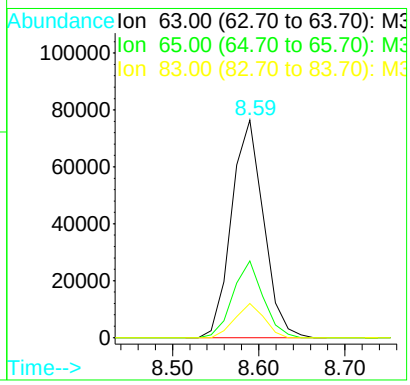


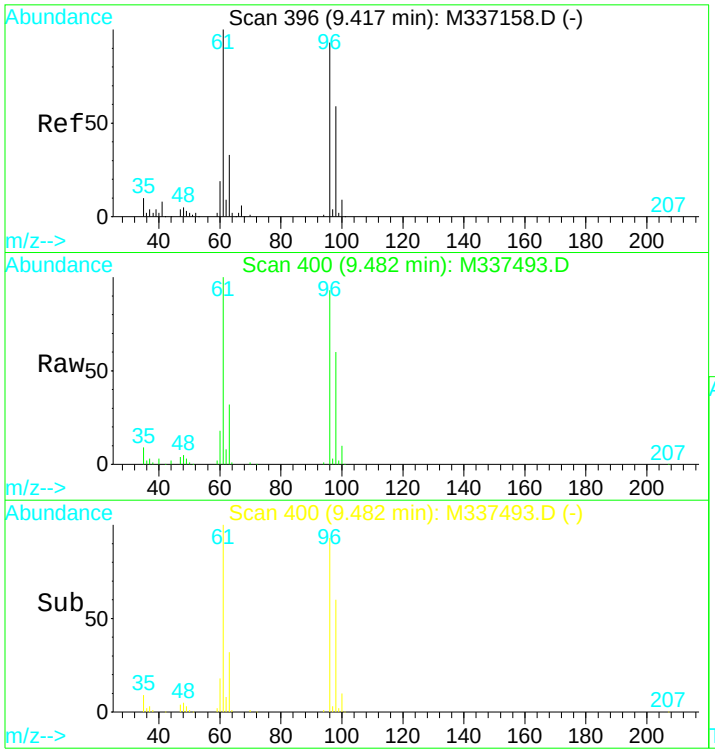


#21
1,1-Dichloroethane
Concen: 4.23 ug/l
RT: 8.59 min Scan# 340
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 63 Resp: 196071

Ion	Ratio	Lower	Upper
63	100		
65	35.2	2.9	62.9
83	15.7	0.0	44.2

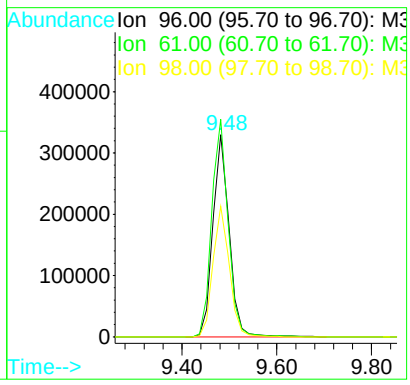


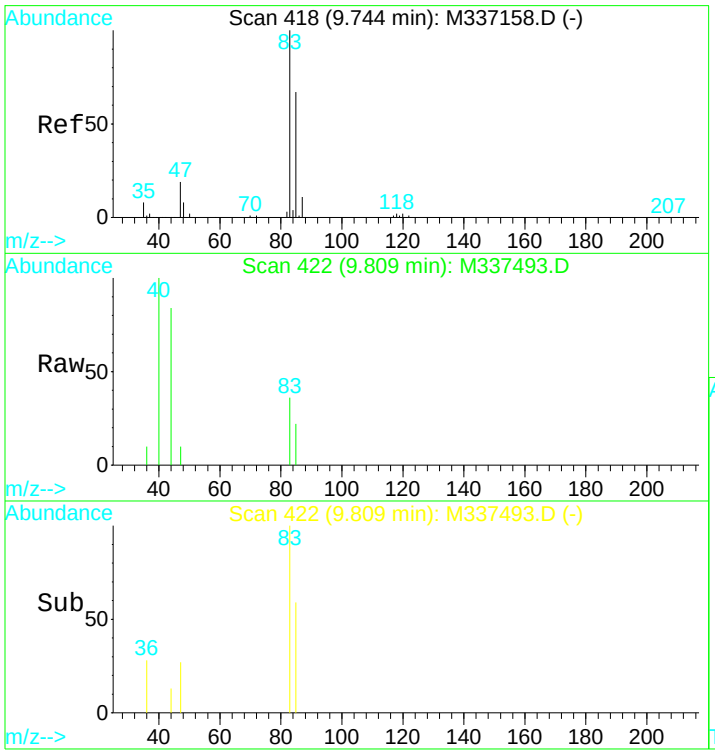


#27
cis-1,2 Dichloroethene
Concen: 22.12 ug/l
RT: 9.48 min Scan# 400
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 96 Resp: 786323

Ion	Ratio	Lower	Upper
96	100		
61	107.5	77.5	137.5
98	64.4	33.9	93.9

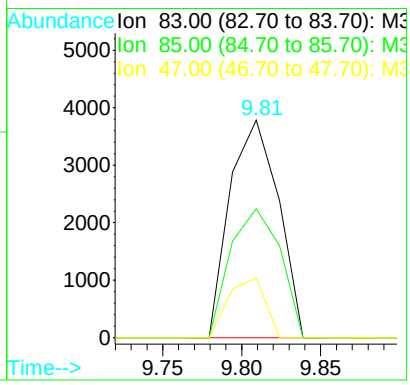


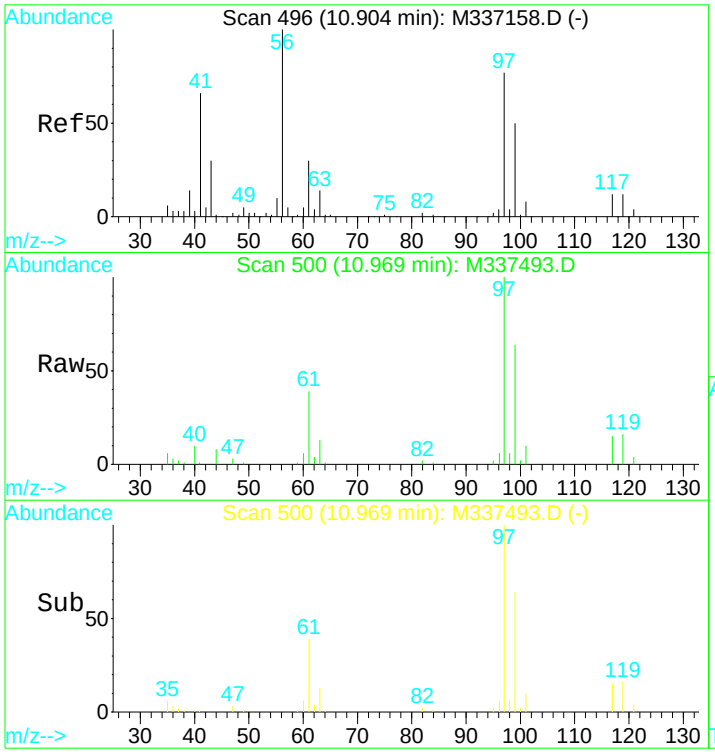


#33
Chloroform
Concen: 0.17 ug/l
RT: 9.81 min Scan# 422
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 83 Resp: 8074

Ion	Ratio	Lower	Upper
83	100		
85	59.2	37.1	97.1
47	27.4	0.0	53.5

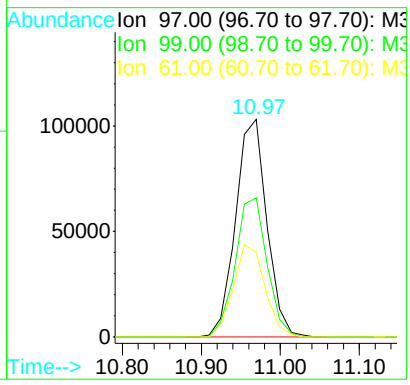


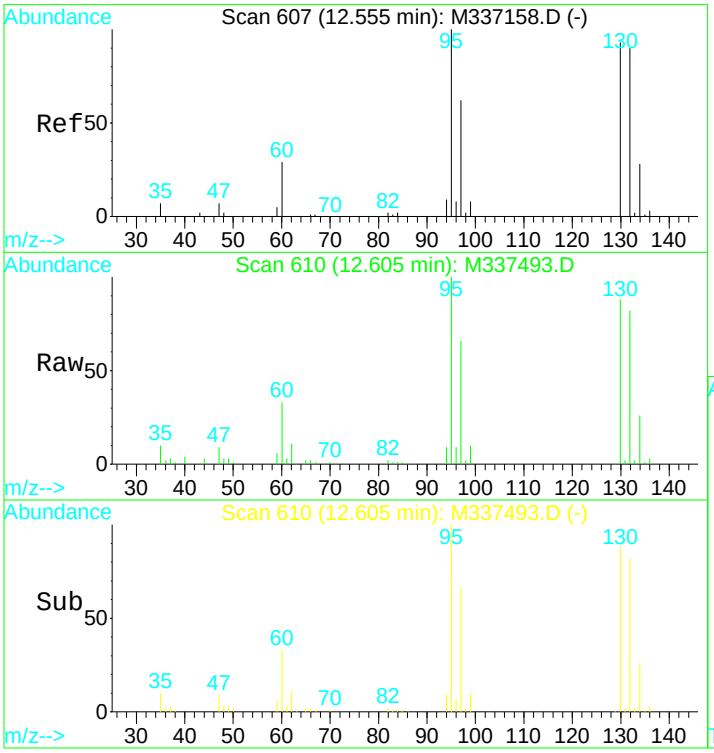


#36
1,1,1-Trichloroethane
Concen: 8.47 ug/l
RT: 10.97 min Scan# 500
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 97 Resp: 283135

Ion	Ratio	Lower	Upper
97	100		
99	63.9	34.9	94.9
61	38.8	9.8	69.8

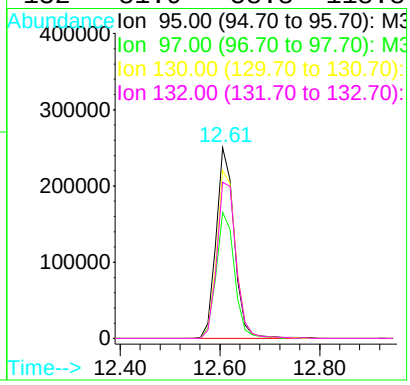


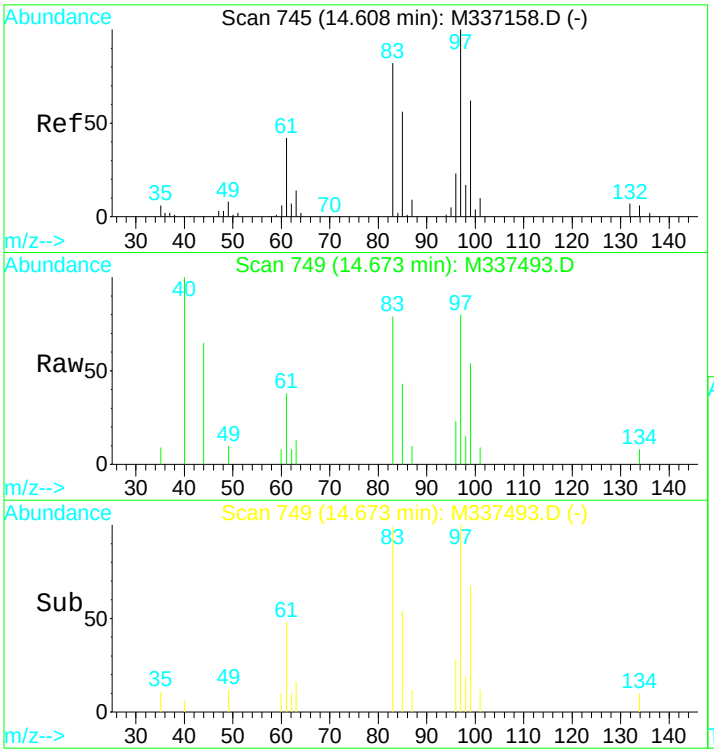


#44
Trichloroethene
Concen: 20.80 ug/l
RT: 12.61 min Scan# 610
Delta R.T. -0.01 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 95 Resp: 636770

Ion	Ratio	Lower	Upper
95	100		
97	66.2	35.0	95.0
130	88.1	62.7	122.7
132	81.9	58.8	118.8

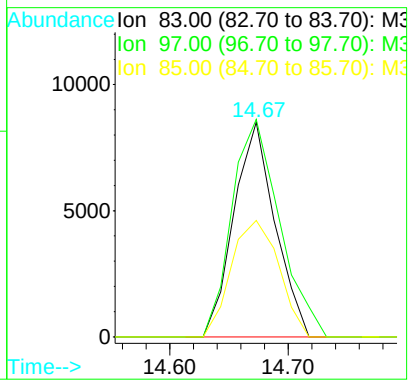




#56
1,1,2-Trichloroethane
Concen: 1.05 ug/l
RT: 14.67 min Scan# 749
Delta R.T. 0.00 min
Lab File: M337493.D
Acq: 3 Dec 2009 4:54 pm

Tgt Ion: 83 Resp: 20430

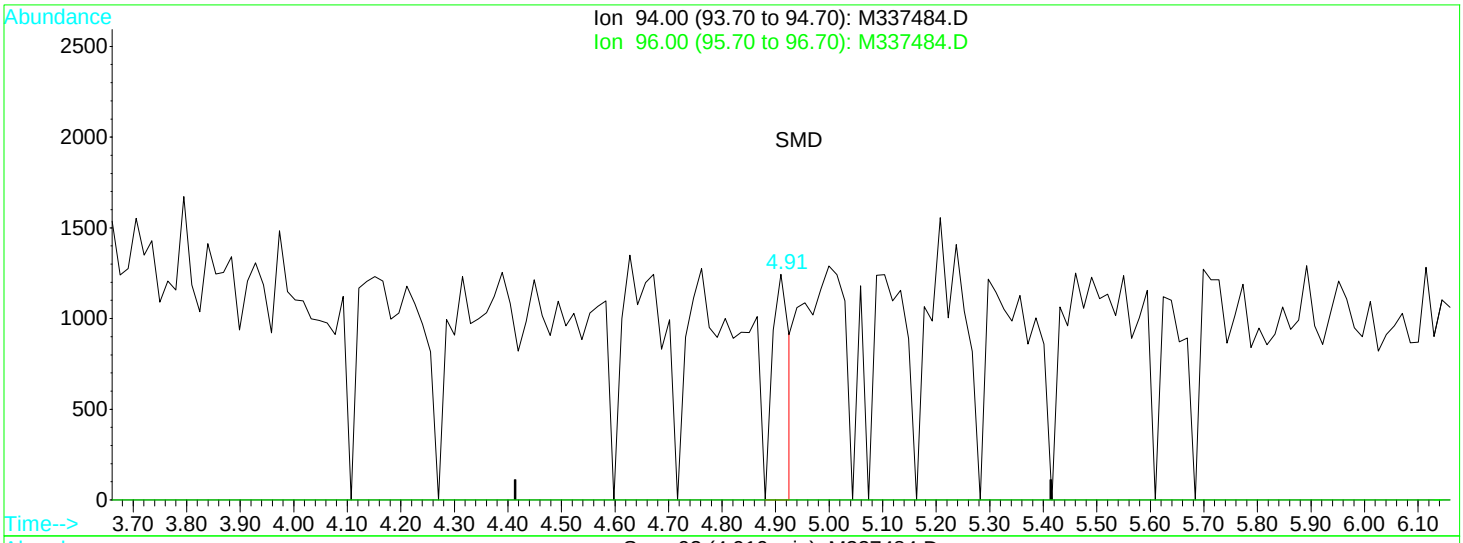
Ion	Ratio	Lower	Upper
83	100		
97	101.3	91.3	151.3
85	54.3	37.4	97.4

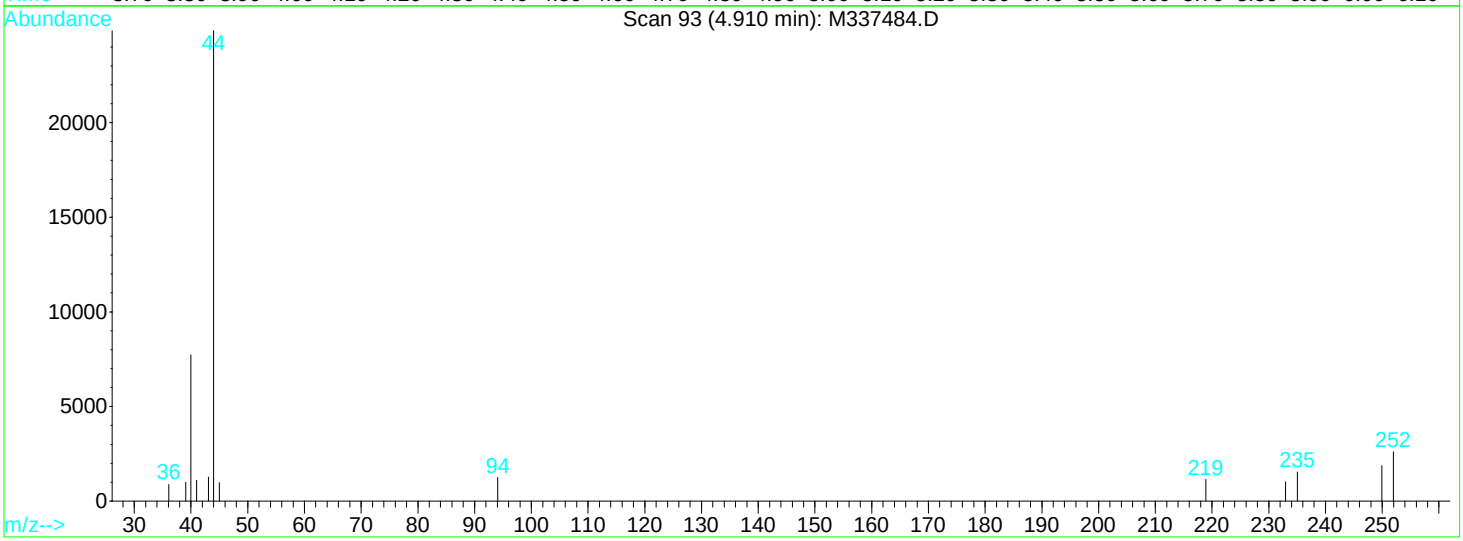


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337484.D Vial: 8
Acq On : 3 Dec 2009 12:06 pm Operator: MD
Sample : 0911321-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337484.D

(5) Bromomethane

4.91min 0.16ug/l

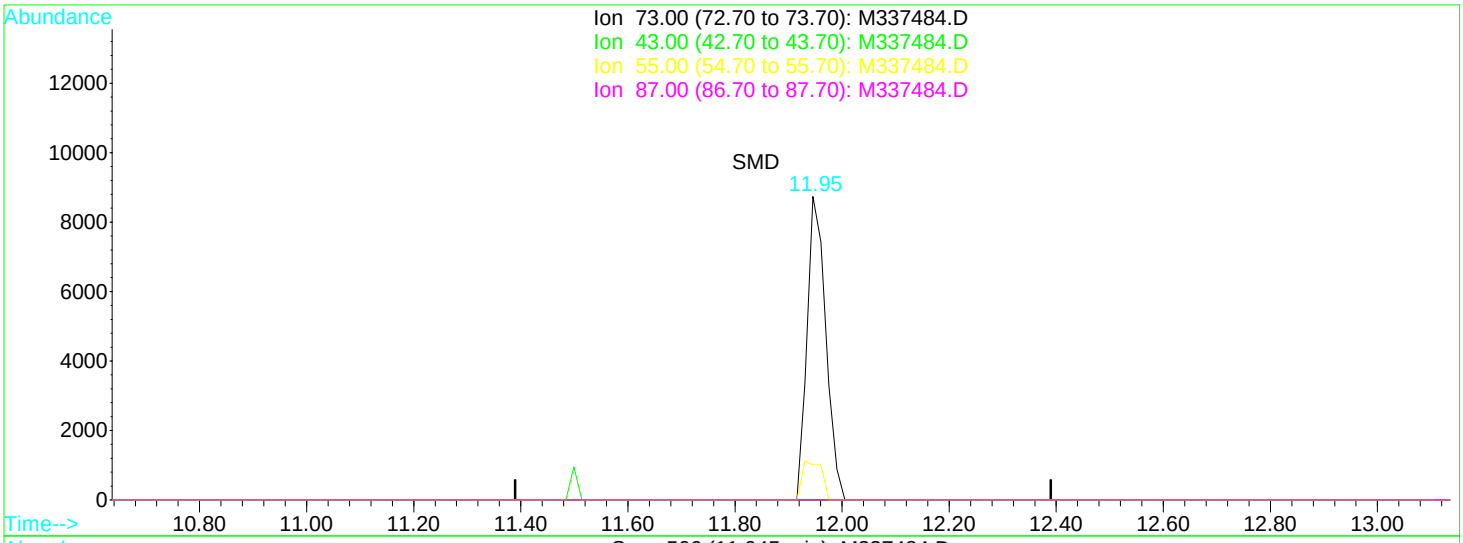
response 2759

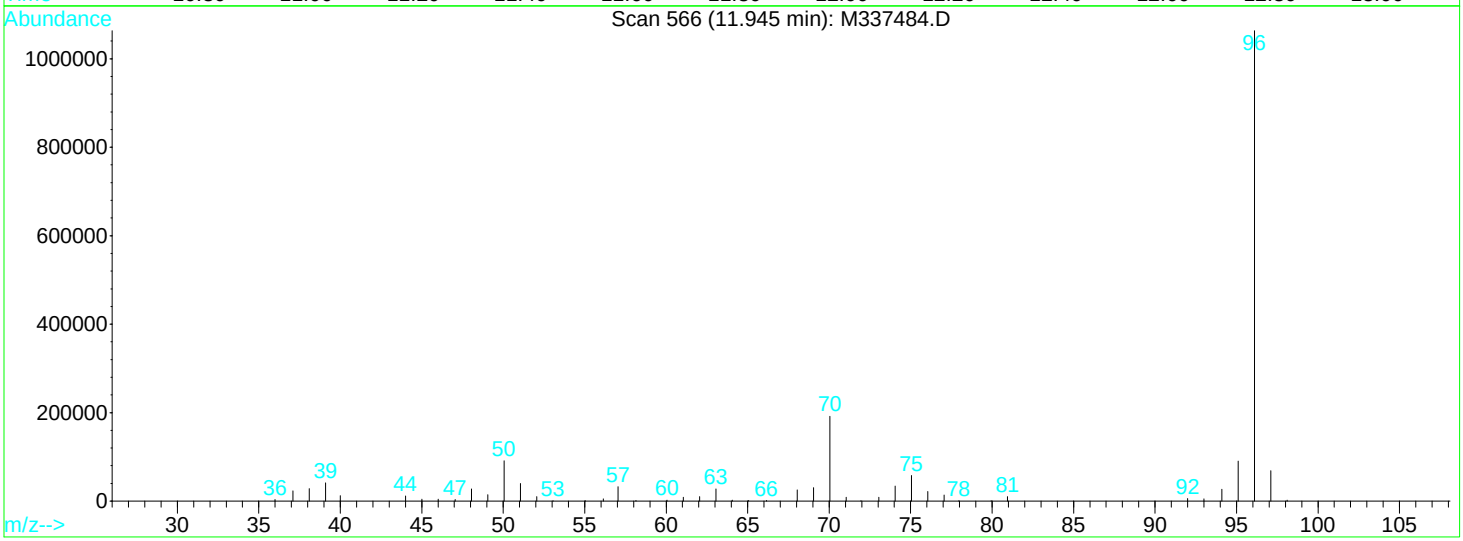
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337484.D Vial: 8
Acq On : 3 Dec 2009 12:06 pm Operator: MD
Sample : 0911321-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337484.D

(43) Tertiary-amyl methyl ether

11.95min 0.47ug/l

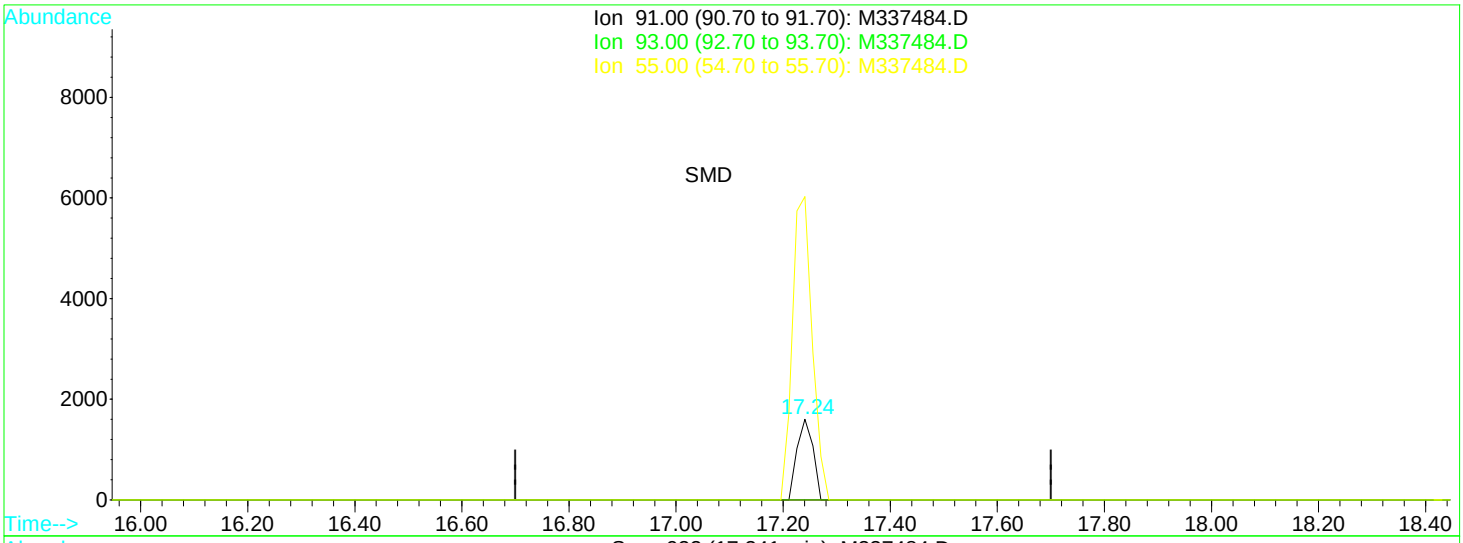
response 21140

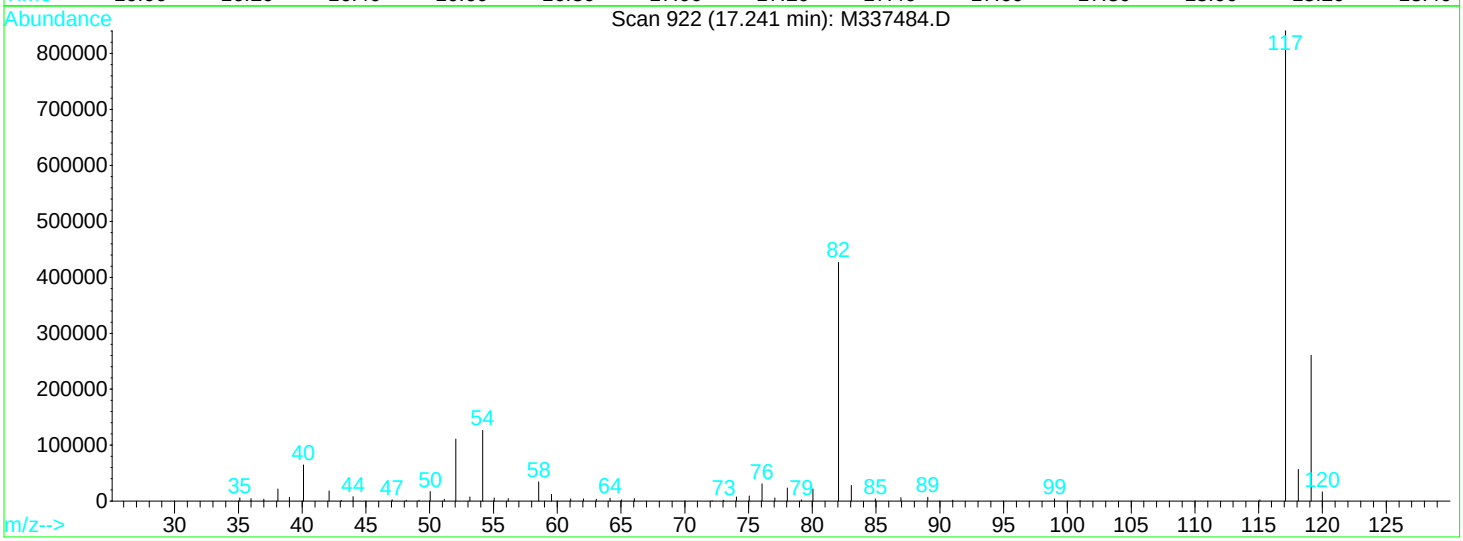
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.56
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337484.D Vial: 8
Acq On : 3 Dec 2009 12:06 pm Operator: MD
Sample : 0911321-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337484.D

(66) 1-Chlorohexane

17.24min 0.13ug/l

response 3307

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	376.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337484.D Vial: 8
Acq On : 3 Dec 2009 12:06 pm Operator: MD
Sample : 0911321-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:14 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

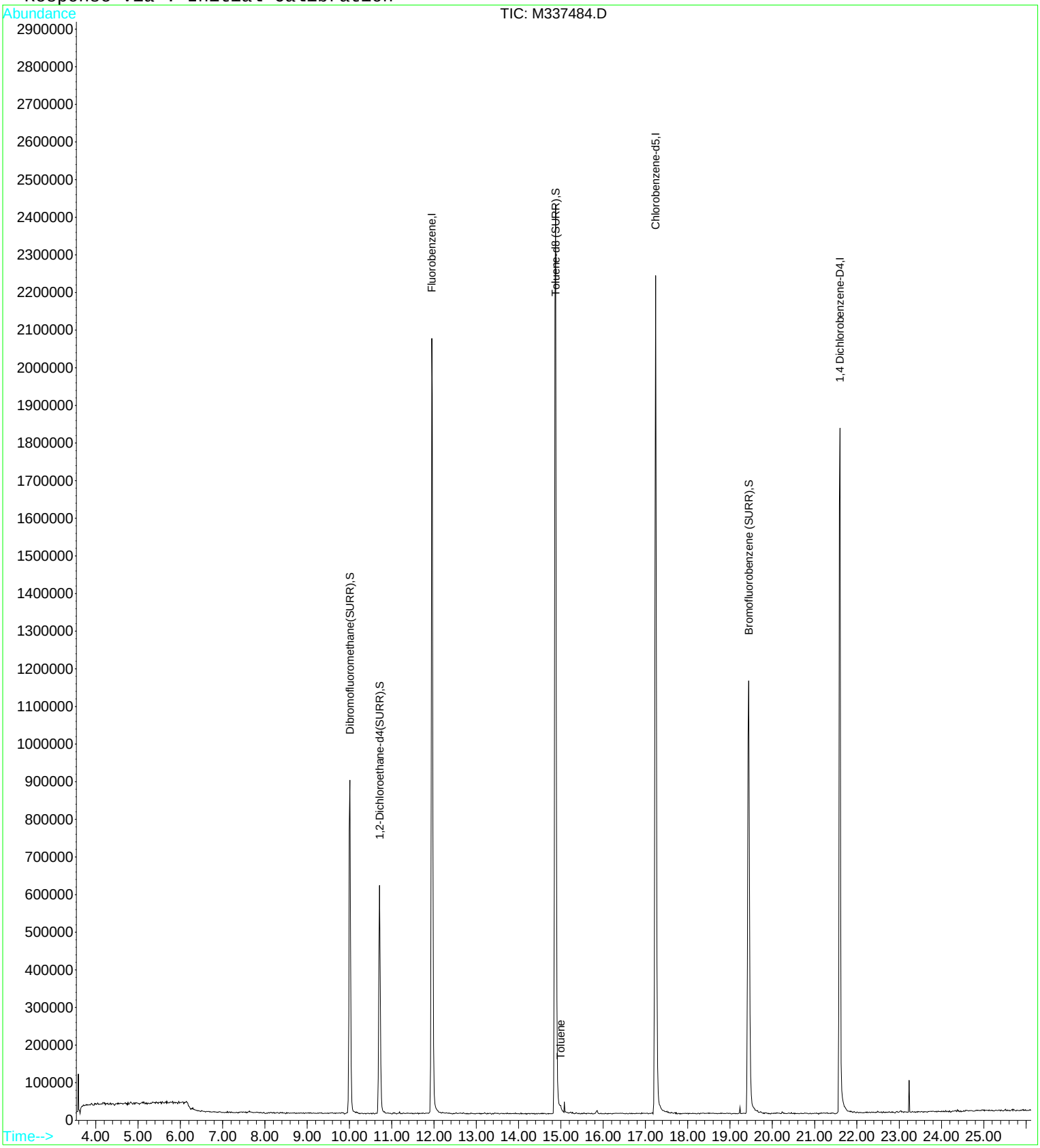
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2867352	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	2031475	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	738358	25.00	ug/l	0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	781158	22.05	ug/l	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.20%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	453469	23.36	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.44%			
59) Toluene-d8 (SURR)	14.88	98	2467029	23.56	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.24%			
75) Bromofluorobenzene (SURR)	19.44	95	840133	23.37	ug/l	0.01
Spiked Amount 25.000			Recovery = 93.48%			
Target Compounds						Qvalue
57) Toluene	14.99	92	10236	0.15	ug/l	96

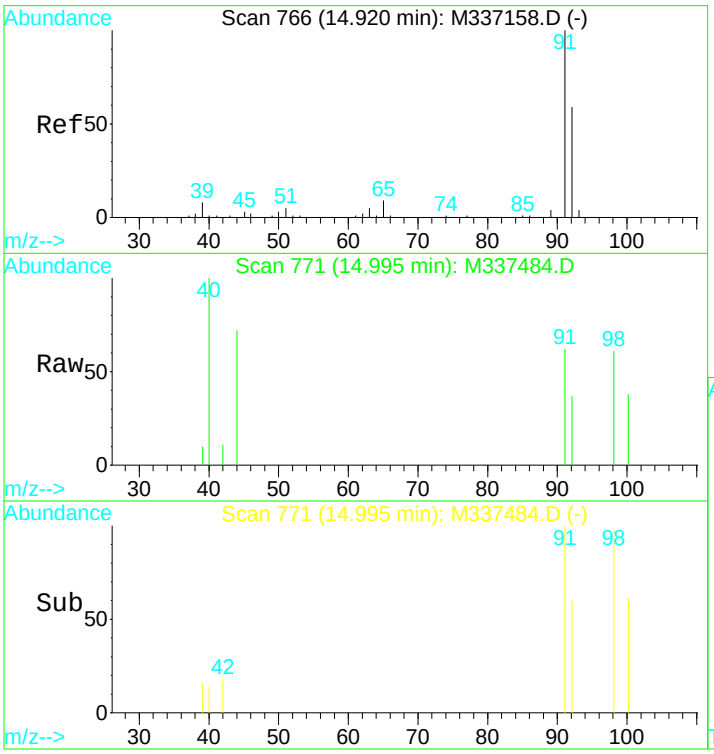
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337484.D Vial: 8
Acq On : 3 Dec 2009 12:06 pm Operator: MD
Sample : 0911321-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:14 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

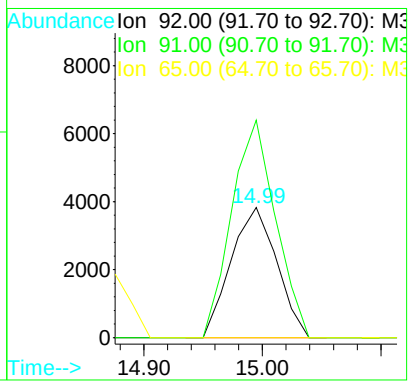




#57
Toluene
Concen: 0.15 ug/l
RT: 14.99 min Scan# 771
Delta R.T. 0.01 min
Lab File: M337484.D
Acq: 3 Dec 2009 12:06 pm

Tgt Ion: 92 Resp: 10236

Ion	Ratio	Lower	Upper
92	100		
91	167.3	139.1	199.1
65	0.0	0.0	44.5



VOA
Quality Control Data

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 0911321

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: BL90309 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW235S	0911321-01	M337485.D	12/03/09 08:00	Data Package
GWMW235D	0911321-02	M337486.D	12/03/09 08:00	Data Package
GWMW236D	0911321-03	M337487.D	12/03/09 08:00	Data Package
~~GWMW236S~~	~~0911321-04~~	~~M337508.D~~	~~12/03/09 08:00~~	~~Data Package~~
GWMW236S	0911321-04	M337488.D	12/03/09 08:00	Data Package
GWMW237S	0911321-05	M337489.D	12/03/09 08:00	MS/MSD, Data Package
GWMW237S Dup	0911321-06	M337490.D	12/03/09 08:00	Data Package
~~GWMW237D~~	~~0911321-09~~	~~M337507.D~~	~~12/03/09 08:00~~	~~Data Package~~
GWMW237D	0911321-09	M337491.D	12/03/09 08:00	Data Package
~~GWMW234S~~	~~0911321-10~~	~~M337509.D~~	~~12/03/09 08:00~~	~~Data Package~~
GWMW234S	0911321-10	M337492.D	12/03/09 08:00	Data Package
GWMW234I	0911321-11	M337493.D	12/03/09 08:00	Data Package
Trip Blank	0911321-12	M337484.D	12/03/09 08:00	Data Package
Blank	BL90309-BLK1	M337483.D	12/03/09 08:00	
LCS	BL90309-BS1	M337479.D	12/03/09 08:00	
LCS Dup	BL90309-BSD1	M337480.D	12/03/09 08:00	
GWMW237S	BL90309-MS1	M337498.D	12/03/09 08:00	
GWMW237S	BL90309-MSD1	M337499.D	12/03/09 08:00	

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 0911321

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: BL90410 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW236S	0911321-04RE1	M337508.D	12/04/09 08:00	Data Package
GWMW237D	0911321-09RE1	M337507.D	12/04/09 08:00	Data Package
GWMW234S	0911321-10RE1	M337509.D	12/04/09 08:00	Data Package
Blank	BL90410-BLK1	M337506.D	12/04/09 08:00	
LCS	BL90410-BS1	M337502.D	12/04/09 08:00	
LCS Dup	BL90410-BSD1	M337503.D	12/04/09 08:00	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90309-BLK1	File ID:	M337483.D
Prepared:	12/03/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/03/09 11:34	Instrument:	VOA MS3		
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90309-BLK1	File ID:	M337483.D
Prepared:	12/03/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/03/09 11:34	Instrument:	VOA MS3		
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90309-BLK1	File ID:	M337483.D
Prepared:	12/03/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/03/09 11:34	Instrument:	VOA MS3		
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0236	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0227	91	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2893084	11.95	2976106	11.95	
Chlorobenzene-d5	2022777	17.25	2056242	17.24	
1,4-Dichlorobenzene-D4	757072	21.59	744664	21.59	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90410-BLK1	File ID:	M337506.D
Prepared:	12/04/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/04/09 11:23	Instrument:	VOA MS3		
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90410-BLK1	File ID:	M337506.D
Prepared:	12/04/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/04/09 11:23	Instrument:	VOA MS3		
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90410-BLK1	File ID:	M337506.D
Prepared:	12/04/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/04/09 11:23	Instrument:	VOA MS3		
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0238	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0235	94	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2855453	11.9	3078478	11.9	
Chlorobenzene-d5	1992750	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	718771	21.55	733564	21.55	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

GWMW237S

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-MS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml
Source Sample Name: GWMW237S

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	ND	9.86	99	70 - 130
1,1,1-Trichloroethane	10.00	0.220	10.2	100	70 - 130
1,1,2,2-Tetrachloroethane	10.00	ND	10.0	100	70 - 130
1,1,2-Trichloroethane	10.00	ND	9.84	98	70 - 130
1,1-Dichloroethane	10.00	ND	10.2	102	70 - 130
1,1-Dichloroethene	10.00	0.160	10.3	102	70 - 130
1,1-Dichloropropene	10.00	ND	9.97	100	70 - 130
1,2,3-Trichlorobenzene	10.00	ND	9.70	97	70 - 130
1,2,3-Trichloropropane	10.00	ND	10.0	100	70 - 130
1,2,4-Trichlorobenzene	10.00	ND	9.47	95	70 - 130
1,2,4-Trimethylbenzene	10.00	ND	10.2	102	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	ND	10.2	102	70 - 130
1,2-Dibromoethane	10.00	ND	9.62	96	70 - 130
1,2-Dichlorobenzene	10.00	ND	9.99	100	70 - 130
1,2-Dichloroethane	10.00	0.220	10.4	102	70 - 130
1,2-Dichloropropane	10.00	ND	10.5	105	70 - 130
1,3,5-Trimethylbenzene	10.00	ND	10.2	102	70 - 130
1,3-Dichlorobenzene	10.00	ND	9.88	99	70 - 130
1,3-Dichloropropane	10.00	ND	10.4	104	70 - 130
1,4-Dichlorobenzene	10.00	ND	9.80	98	70 - 130
1,4-Dioxane - Screen	200.0	ND	181	90	0 - 332
1-Chlorohexane	10.00	ND	10.4	104	70 - 130
2,2-Dichloropropane	10.00	ND	9.54	95	70 - 130
2-Butanone	50.00	ND	45.1	90	70 - 130
2-Chlorotoluene	10.00	ND	10.1	101	70 - 130
2-Hexanone	50.00	ND	50.5	101	70 - 130
4-Chlorotoluene	10.00	ND	10.2	102	70 - 130
4-Isopropyltoluene	10.00	ND	9.77	98	70 - 130
4-Methyl-2-Pentanone	50.00	ND	49.3	99	70 - 130
Acetone	50.00	ND	34.5	69 *	70 - 130
Benzene	10.00	ND	10.2	102	70 - 130
Bromobenzene	10.00	ND	10.2	102	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY
8260B

GWMW237S

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-MS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml
Source Sample Name: GWMW237S

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Bromochloromethane	10.00	ND	9.54	95	70 - 130
Bromodichloromethane	10.00	ND	10.7	107	70 - 130
Bromoform	10.00	ND	8.94	89	70 - 130
Bromomethane	10.00	ND	9.01	90	70 - 130
Carbon Disulfide	10.00	ND	10.9	109	70 - 130
Carbon Tetrachloride	10.00	ND	10.2	102	70 - 130
Chlorobenzene	10.00	ND	9.87	99	70 - 130
Chloroethane	10.00	ND	11.2	112	70 - 130
Chloroform	10.00	0.100	10.1	100	70 - 130
Chloromethane	10.00	ND	10.6	106	70 - 130
cis-1,2-Dichloroethene	10.00	1.24	10.9	97	70 - 130
cis-1,3-Dichloropropene	10.00	ND	9.69	97	70 - 130
Dibromochloromethane	10.00	ND	9.55	96	70 - 130
Dibromomethane	10.00	ND	9.33	93	70 - 130
Dichlorodifluoromethane	10.00	ND	10.4	104	70 - 130
Diethyl Ether	10.00	ND	10.2	102	70 - 130
Di-isopropyl ether	10.00	ND	10.0	100	70 - 130
Ethyl tertiary-butyl ether	10.00	ND	9.65	96	70 - 130
Ethylbenzene	10.00	ND	10.1	101	70 - 130
Hexachlorobutadiene	10.00	ND	10.6	106	70 - 130
Hexachloroethane	10.00	ND	10.5	105	70 - 130
Isopropylbenzene	10.00	ND	8.84	88	70 - 130
Methyl tert-Butyl Ether	10.00	ND	9.64	96	70 - 130
Methylene Chloride	10.00	ND	10.5	105	70 - 130
Naphthalene	10.00	ND	9.65	96	70 - 130
n-Butylbenzene	10.00	ND	10.8	108	70 - 130
n-Propylbenzene	10.00	ND	10.2	102	70 - 130
sec-Butylbenzene	10.00	0.210	10.9	106	70 - 130
Styrene	10.00	ND	9.90	99	70 - 130
tert-Butylbenzene	10.00	ND	10.2	102	70 - 130
Tertiary-amyl methyl ether	10.00	ND	9.53	95	70 - 130
Tetrachloroethene	10.00	4.97	14.9	99	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY
8260B

GWMW237S

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-MS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml
Source Sample Name: GWMW237S

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Tetrahydrofuran	10.00	ND	9.09	91	70 - 130
Toluene	10.00	ND	10.1	101	70 - 130
trans-1,2-Dichloroethene	10.00	0.0900	10.4	104	70 - 130
trans-1,3-Dichloropropene	10.00	ND	8.44	84	70 - 130
Trichloroethene	10.00	51.1	55.8	47 *	70 - 130
Trichlorofluoromethane	10.00	7.50	14.3	68 *	70 - 130
Vinyl Acetate	10.00	ND	8.64	86	70 - 130
Vinyl Chloride	10.00	ND	10.7	107	70 - 130
Xylene O	10.00	ND	9.86	99	70 - 130
Xylene P,M	20.00	ND	20.2	101	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.70	97	2	30	70 - 130
1,1,1-Trichloroethane	10.00	10.5	103	3	30	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.80	98	2	30	70 - 130
1,1,2-Trichloroethane	10.00	10.1	101	3	30	70 - 130
1,1-Dichloroethane	10.00	10.5	105	3	30	70 - 130
1,1-Dichloroethene	10.00	10.5	103	2	30	70 - 130
1,1-Dichloropropene	10.00	10.2	102	3	30	70 - 130
1,2,3-Trichlorobenzene	10.00	10.4	104	7	30	70 - 130
1,2,3-Trichloropropane	10.00	9.84	98	2	30	70 - 130
1,2,4-Trichlorobenzene	10.00	9.71	97	3	30	70 - 130
1,2,4-Trimethylbenzene	10.00	9.84	98	4	30	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	10.2	102	0.2	30	70 - 130
1,2-Dibromoethane	10.00	9.45	94	2	30	70 - 130
1,2-Dichlorobenzene	10.00	9.71	97	3	30	70 - 130
1,2-Dichloroethane	10.00	10.4	102	0.1	30	70 - 130
1,2-Dichloropropane	10.00	10.4	104	0.8	30	70 - 130
1,3,5-Trimethylbenzene	10.00	9.98	100	2	30	70 - 130
1,3-Dichlorobenzene	10.00	9.55	96	3	30	70 - 130
1,3-Dichloropropane	10.00	9.93	99	4	30	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY
8260B

GWMW237S

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-MSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml
Source Sample Name: GWMW237S

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	10.00	9.80	98	0	30	70 - 130
1,4-Dioxane - Screen	200.0	239	119	27	200	0 - 332
1-Chlorohexane	10.00	9.87	99	5	30	70 - 130
2,2-Dichloropropane	10.00	9.75	98	2	30	70 - 130
2-Butanone	50.00	47.1	94	4	30	70 - 130
2-Chlorotoluene	10.00	10.0	100	1	30	70 - 130
2-Hexanone	50.00	49.9	100	1	30	70 - 130
4-Chlorotoluene	10.00	9.71	97	5	30	70 - 130
4-Isopropyltoluene	10.00	9.57	96	2	30	70 - 130
4-Methyl-2-Pentanone	50.00	51.7	103	5	30	70 - 130
Acetone	50.00	47.4	95	31 *	30	70 - 130
Benzene	10.00	10.2	102	0.2	30	70 - 130
Bromobenzene	10.00	9.86	99	3	30	70 - 130
Bromochloromethane	10.00	9.72	97	2	30	70 - 130
Bromodichloromethane	10.00	10.7	107	0.4	30	70 - 130
Bromoform	10.00	8.81	88	1	30	70 - 130
Bromomethane	10.00	9.61	96	6	30	70 - 130
Carbon Disulfide	10.00	11.4	114	4	30	70 - 130
Carbon Tetrachloride	10.00	10.2	102	0.6	30	70 - 130
Chlorobenzene	10.00	9.90	99	0.3	30	70 - 130
Chloroethane	10.00	11.4	114	2	30	70 - 130
Chloroform	10.00	10.2	101	1	30	70 - 130
Chloromethane	10.00	10.8	108	2	30	70 - 130
cis-1,2-Dichloroethene	10.00	11.0	98	1	30	70 - 130
cis-1,3-Dichloropropene	10.00	9.81	98	1	30	70 - 130
Dibromochloromethane	10.00	9.16	92	4	30	70 - 130
Dibromomethane	10.00	9.55	96	2	30	70 - 130
Dichlorodifluoromethane	10.00	10.6	106	1	30	70 - 130
Diethyl Ether	10.00	10.4	104	2	30	70 - 130
Di-isopropyl ether	10.00	10.4	104	3	30	70 - 130
Ethyl tertiary-butyl ether	10.00	9.80	98	2	30	70 - 130
Ethylbenzene	10.00	10.2	102	0.7	30	70 - 130
Hexachlorobutadiene	10.00	10.2	102	3	30	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

8260B

GWMW237S

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-MSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml
Source Sample Name: GWMW237S

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Hexachloroethane	10.00	9.69	97	8	30	70 - 130
Isopropylbenzene	10.00	8.57	86	3	30	70 - 130
Methyl tert-Butyl Ether	10.00	9.92	99	3	30	70 - 130
Methylene Chloride	10.00	10.8	108	3	30	70 - 130
Naphthalene	10.00	9.71	97	0.6	30	70 - 130
n-Butylbenzene	10.00	10.3	103	5	30	70 - 130
n-Propylbenzene	10.00	9.80	98	4	30	70 - 130
sec-Butylbenzene	10.00	10.6	104	3	30	70 - 130
Styrene	10.00	9.91	99	0.1	30	70 - 130
tert-Butylbenzene	10.00	9.92	99	2	30	70 - 130
Tertiary-amyl methyl ether	10.00	9.71	97	2	30	70 - 130
Tetrachloroethene	10.00	14.8	98	0.5	30	70 - 130
Tetrahydrofuran	10.00	9.95	100	9	30	70 - 130
Toluene	10.00	10.4	104	3	30	70 - 130
trans-1,2-Dichloroethene	10.00	10.7	106	3	30	70 - 130
trans-1,3-Dichloropropene	10.00	8.63	86	2	30	70 - 130
Trichloroethene	10.00	56.2	51 *	8	30	70 - 130
Trichlorofluoromethane	10.00	14.7	72	6	30	70 - 130
Vinyl Acetate	10.00	8.81	88	2	30	70 - 130
Vinyl Chloride	10.00	11.0	110	3	30	70 - 130
Xylene O	10.00	9.99	100	1	30	70 - 130
Xylene P,M	20.00	20.2	101	0.1	30	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.68	97	70 - 130
1,1,1-Trichloroethane	10.00	9.49	95	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.54	95	70 - 130
1,1,2-Trichloroethane	10.00	9.67	97	70 - 130
1,1-Dichloroethane	10.00	10.1	101	70 - 130
1,1-Dichloroethene	10.00	9.80	98	70 - 130
1,1-Dichloropropene	10.00	9.48	95	70 - 130
1,2,3-Trichlorobenzene	10.00	12.0	120	70 - 130
1,2,3-Trichloropropane	10.00	9.56	96	70 - 130
1,2,4-Trichlorobenzene	10.00	10.9	109	70 - 130
1,2,4-Trimethylbenzene	10.00	9.72	97	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	10.1	101	70 - 130
1,2-Dibromoethane	10.00	9.67	97	70 - 130
1,2-Dichlorobenzene	10.00	9.87	99	70 - 130
1,2-Dichloroethane	10.00	9.69	97	70 - 130
1,2-Dichloropropane	10.00	10.0	100	70 - 130
1,3,5-Trimethylbenzene	10.00	9.74	97	70 - 130
1,3-Dichlorobenzene	10.00	9.65	96	70 - 130
1,3-Dichloropropane	10.00	9.87	99	70 - 130
1,4-Dichlorobenzene	10.00	9.78	98	70 - 130
1,4-Dioxane - Screen	200.0	336	168	0 - 332
1-Chlorohexane	10.00	9.13	91	70 - 130
2,2-Dichloropropane	10.00	9.37	94	70 - 130
2-Butanone	50.00	58.9	118	70 - 130
2-Chlorotoluene	10.00	9.72	97	70 - 130
2-Hexanone	50.00	54.1	108	70 - 130
4-Chlorotoluene	10.00	9.85	98	70 - 130
4-Isopropyltoluene	10.00	9.68	97	70 - 130
4-Methyl-2-Pentanone	50.00	47.8	96	70 - 130
Acetone	50.00	67.2	134 *	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.85	98	70 - 130
Bromobenzene	10.00	10.0	100	70 - 130
Bromochloromethane	10.00	9.73	97	70 - 130
Bromodichloromethane	10.00	9.88	99	70 - 130
Bromoform	10.00	9.26	93	70 - 130
Bromomethane	10.00	9.51	95	70 - 130
Carbon Disulfide	10.00	10.7	107	70 - 130
Carbon Tetrachloride	10.00	9.55	96	70 - 130
Chlorobenzene	10.00	9.90	99	70 - 130
Chloroethane	10.00	10.8	108	70 - 130
Chloroform	10.00	9.83	98	70 - 130
Chloromethane	10.00	10.3	103	70 - 130
cis-1,2-Dichloroethene	10.00	9.74	97	70 - 130
cis-1,3-Dichloropropene	10.00	9.76	98	70 - 130
Dibromochloromethane	10.00	9.47	95	70 - 130
Dibromomethane	10.00	9.20	92	70 - 130
Dichlorodifluoromethane	10.00	9.49	95	70 - 130
Diethyl Ether	10.00	10.2	102	70 - 130
Di-isopropyl ether	10.00	9.91	99	70 - 130
Ethyl tertiary-butyl ether	10.00	9.29	93	70 - 130
Ethylbenzene	10.00	9.76	98	70 - 130
Hexachlorobutadiene	10.00	11.0	110	70 - 130
Hexachloroethane	10.00	10.0	100	70 - 130
Isopropylbenzene	10.00	8.13	81	70 - 130
Methyl tert-Butyl Ether	10.00	9.46	95	70 - 130
Methylene Chloride	10.00	10.5	105	70 - 130
Naphthalene	10.00	10.2	102	70 - 130
n-Butylbenzene	10.00	10.3	103	70 - 130
n-Propylbenzene	10.00	9.43	94	70 - 130
sec-Butylbenzene	10.00	9.94	99	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90309	Laboratory ID:	BL90309-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.86	99	70 - 130
tert-Butylbenzene	10.00	9.45	94	70 - 130
Tertiary-amyl methyl ether	10.00	9.43	94	70 - 130
Tetrachloroethene	10.00	9.73	97	70 - 130
Tetrahydrofuran	10.00	10.1	101	70 - 130
Toluene	10.00	9.83	98	70 - 130
trans-1,2-Dichloroethene	10.00	10.4	104	70 - 130
trans-1,3-Dichloropropene	10.00	8.62	86	70 - 130
Trichloroethene	10.00	9.52	95	70 - 130
Trichlorofluoromethane	10.00	10.3	103	70 - 130
Vinyl Acetate	10.00	9.72	97	70 - 130
Vinyl Chloride	10.00	10.0	100	70 - 130
Xylene O	10.00	9.90	99	70 - 130
Xylene P,M	20.00	19.7	99	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.35	94	3	25	70 - 130
1,1,1-Trichloroethane	10.00	9.20	92	3	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.73	97	2	25	70 - 130
1,1,2-Trichloroethane	10.00	9.67	97	0	25	70 - 130
1,1-Dichloroethane	10.00	9.77	98	3	25	70 - 130
1,1-Dichloroethene	10.00	9.59	96	2	25	70 - 130
1,1-Dichloropropene	10.00	9.32	93	2	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.6	106	12	25	70 - 130
1,2,3-Trichloropropane	10.00	10.0	100	5	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.30	93	16	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.42	94	3	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.61	96	5	25	70 - 130
1,2-Dibromoethane	10.00	9.52	95	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.40	94	5	25	70 - 130
1,2-Dichloroethane	10.00	9.87	99	2	25	70 - 130
1,2-Dichloropropane	10.00	9.70	97	3	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.49	95	3	25	70 - 130
1,3-Dichlorobenzene	10.00	9.51	95	1	25	70 - 130
1,3-Dichloropropane	10.00	9.91	99	0.4	25	70 - 130
1,4-Dichlorobenzene	10.00	9.45	94	3	25	70 - 130
1,4-Dioxane - Screen	200.0	247	124	31	200	0 - 332
1-Chlorohexane	10.00	9.11	91	0.2	25	70 - 130
2,2-Dichloropropane	10.00	9.15	92	2	25	70 - 130
2-Butanone	50.00	51.8	104	13	25	70 - 130
2-Chlorotoluene	10.00	9.33	93	4	25	70 - 130
2-Hexanone	50.00	51.7	103	5	25	70 - 130
4-Chlorotoluene	10.00	9.35	94	5	25	70 - 130
4-Isopropyltoluene	10.00	8.99	90	7	25	70 - 130
4-Methyl-2-Pentanone	50.00	48.4	97	1	25	70 - 130
Acetone	50.00	64.2	128	5	25	70 - 130
Benzene	10.00	9.55	96	3	25	70 - 130
Bromobenzene	10.00	9.70	97	3	25	70 - 130
Bromochloromethane	10.00	9.54	95	2	25	70 - 130
Bromodichloromethane	10.00	9.68	97	2	25	70 - 130
Bromoform	10.00	8.98	90	3	25	70 - 130
Bromomethane	10.00	9.04	90	5	25	70 - 130
Carbon Disulfide	10.00	10.4	104	3	25	70 - 130
Carbon Tetrachloride	10.00	9.14	91	4	25	70 - 130
Chlorobenzene	10.00	9.52	95	4	25	70 - 130
Chloroethane	10.00	10.6	106	2	25	70 - 130
Chloroform	10.00	9.52	95	3	25	70 - 130
Chloromethane	10.00	10.0	100	3	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.36	94	4	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.52	95	2	25	70 - 130
Dibromochloromethane	10.00	9.31	93	2	25	70 - 130
Dibromomethane	10.00	9.31	93	1	25	70 - 130
Dichlorodifluoromethane	10.00	9.37	94	1	25	70 - 130
Diethyl Ether	10.00	10.1	101	2	25	70 - 130
Di-isopropyl ether	10.00	9.72	97	2	25	70 - 130
Ethyl tertiary-butyl ether	10.00	9.19	92	1	25	70 - 130
Ethylbenzene	10.00	9.41	94	4	25	70 - 130
Hexachlorobutadiene	10.00	10.3	103	7	25	70 - 130
Hexachloroethane	10.00	9.17	92	9	25	70 - 130
Isopropylbenzene	10.00	7.96	80	2	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.23	92	2	25	70 - 130
Methylene Chloride	10.00	10.3	103	2	25	70 - 130
Naphthalene	10.00	9.30	93	9	25	70 - 130
n-Butylbenzene	10.00	9.33	93	9	25	70 - 130
n-Propylbenzene	10.00	9.03	90	4	25	70 - 130
sec-Butylbenzene	10.00	9.34	93	6	25	70 - 130
Styrene	10.00	9.45	94	4	25	70 - 130
tert-Butylbenzene	10.00	9.03	90	5	25	70 - 130
Tertiary-amyl methyl ether	10.00	9.15	92	3	25	70 - 130
Tetrachloroethene	10.00	9.51	95	2	25	70 - 130
Tetrahydrofuran	10.00	10.2	102	0.6	25	70 - 130
Toluene	10.00	9.57	96	3	25	70 - 130
trans-1,2-Dichloroethene	10.00	9.91	99	5	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.34	83	3	25	70 - 130
Trichloroethene	10.00	9.38	94	1	25	70 - 130
Trichlorofluoromethane	10.00	9.15	92	12	25	70 - 130
Vinyl Acetate	10.00	9.59	96	1	25	70 - 130
Vinyl Chloride	10.00	9.73	97	3	25	70 - 130
Xylene O	10.00	9.51	95	4	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90309	Laboratory ID:	BL90309-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	18.8	94	5	25	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.54	95	70 - 130
1,1,1-Trichloroethane	10.00	9.68	97	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.59	96	70 - 130
1,1,2-Trichloroethane	10.00	9.59	96	70 - 130
1,1-Dichloroethane	10.00	10.1	101	70 - 130
1,1-Dichloroethene	10.00	9.78	98	70 - 130
1,1-Dichloropropene	10.00	9.36	94	70 - 130
1,2,3-Trichlorobenzene	10.00	11.3	113	70 - 130
1,2,3-Trichloropropane	10.00	9.78	98	70 - 130
1,2,4-Trichlorobenzene	10.00	10.4	104	70 - 130
1,2,4-Trimethylbenzene	10.00	9.85	98	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.24	92	70 - 130
1,2-Dibromoethane	10.00	9.46	95	70 - 130
1,2-Dichlorobenzene	10.00	9.63	96	70 - 130
1,2-Dichloroethane	10.00	9.63	96	70 - 130
1,2-Dichloropropane	10.00	10.1	101	70 - 130
1,3,5-Trimethylbenzene	10.00	9.98	100	70 - 130
1,3-Dichlorobenzene	10.00	10.0	100	70 - 130
1,3-Dichloropropane	10.00	9.97	100	70 - 130
1,4-Dichlorobenzene	10.00	9.65	96	70 - 130
1,4-Dioxane - Screen	200.0	275	138	0 - 332
1-Chlorohexane	10.00	9.35	94	70 - 130
2,2-Dichloropropane	10.00	9.90	99	70 - 130
2-Butanone	50.00	49.2	98	70 - 130
2-Chlorotoluene	10.00	9.75	98	70 - 130
2-Hexanone	50.00	49.4	99	70 - 130
4-Chlorotoluene	10.00	9.69	97	70 - 130
4-Isopropyltoluene	10.00	9.67	97	70 - 130
4-Methyl-2-Pentanone	50.00	45.0	90	70 - 130
Acetone	50.00	57.5	115	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.93	99	70 - 130
Bromobenzene	10.00	10.0	100	70 - 130
Bromochloromethane	10.00	9.26	93	70 - 130
Bromodichloromethane	10.00	9.95	100	70 - 130
Bromoform	10.00	8.79	88	70 - 130
Bromomethane	10.00	9.47	95	70 - 130
Carbon Disulfide	10.00	10.5	105	70 - 130
Carbon Tetrachloride	10.00	9.59	96	70 - 130
Chlorobenzene	10.00	9.68	97	70 - 130
Chloroethane	10.00	10.4	104	70 - 130
Chloroform	10.00	9.86	99	70 - 130
Chloromethane	10.00	9.95	100	70 - 130
cis-1,2-Dichloroethene	10.00	9.54	95	70 - 130
cis-1,3-Dichloropropene	10.00	9.91	99	70 - 130
Dibromochloromethane	10.00	9.52	95	70 - 130
Dibromomethane	10.00	9.00	90	70 - 130
Dichlorodifluoromethane	10.00	9.21	92	70 - 130
Diethyl Ether	10.00	10.0	100	70 - 130
Di-isopropyl ether	10.00	9.93	99	70 - 130
Ethyl tertiary-butyl ether	10.00	9.42	94	70 - 130
Ethylbenzene	10.00	9.68	97	70 - 130
Hexachlorobutadiene	10.00	11.2	112	70 - 130
Hexachloroethane	10.00	10.4	104	70 - 130
Isopropylbenzene	10.00	8.28	83	70 - 130
Methyl tert-Butyl Ether	10.00	9.44	94	70 - 130
Methylene Chloride	10.00	10.2	102	70 - 130
Naphthalene	10.00	9.59	96	70 - 130
n-Butylbenzene	10.00	10.6	106	70 - 130
n-Propylbenzene	10.00	9.55	96	70 - 130
sec-Butylbenzene	10.00	10.3	103	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.67	97	70 - 130
tert-Butylbenzene	10.00	9.79	98	70 - 130
Tertiary-amyl methyl ether	10.00	9.47	95	70 - 130
Tetrachloroethene	10.00	9.46	95	70 - 130
Tetrahydrofuran	10.00	9.20	92	70 - 130
Toluene	10.00	9.66	97	70 - 130
trans-1,2-Dichloroethene	10.00	10.2	102	70 - 130
trans-1,3-Dichloropropene	10.00	8.32	83	70 - 130
Trichloroethene	10.00	9.67	97	70 - 130
Trichlorofluoromethane	10.00	10.3	103	70 - 130
Vinyl Acetate	10.00	9.23	92	70 - 130
Vinyl Chloride	10.00	9.61	96	70 - 130
Xylene O	10.00	9.80	98	70 - 130
Xylene P,M	20.00	19.5	98	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.33	93	2	25	70 - 130
1,1,1-Trichloroethane	10.00	9.56	96	1	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.25	92	4	25	70 - 130
1,1,2-Trichloroethane	10.00	9.36	94	2	25	70 - 130
1,1-Dichloroethane	10.00	9.94	99	2	25	70 - 130
1,1-Dichloroethene	10.00	9.63	96	2	25	70 - 130
1,1-Dichloropropene	10.00	9.37	94	0.1	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.3	103	10	25	70 - 130
1,2,3-Trichloropropane	10.00	9.68	97	1	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.54	95	9	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.57	96	3	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	8.91	89	4	25	70 - 130
1,2-Dibromoethane	10.00	9.02	90	5	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90410
Laboratory ID: BL90410-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.54	95	0.9	25	70 - 130
1,2-Dichloroethane	10.00	9.62	96	0.1	25	70 - 130
1,2-Dichloropropane	10.00	9.81	98	3	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.77	98	2	25	70 - 130
1,3-Dichlorobenzene	10.00	9.83	98	2	25	70 - 130
1,3-Dichloropropane	10.00	9.50	95	5	25	70 - 130
1,4-Dichlorobenzene	10.00	9.44	94	2	25	70 - 130
1,4-Dioxane - Screen	200.0	251	125	9	200	0 - 332
1-Chlorohexane	10.00	9.22	92	1	25	70 - 130
2,2-Dichloropropane	10.00	9.41	94	5	25	70 - 130
2-Butanone	50.00	48.4	97	2	25	70 - 130
2-Chlorotoluene	10.00	9.58	96	2	25	70 - 130
2-Hexanone	50.00	48.6	97	2	25	70 - 130
4-Chlorotoluene	10.00	9.54	95	2	25	70 - 130
4-Isopropyltoluene	10.00	9.30	93	4	25	70 - 130
4-Methyl-2-Pentanone	50.00	44.9	90	0.09	25	70 - 130
Acetone	50.00	60.1	120	4	25	70 - 130
Benzene	10.00	9.71	97	2	25	70 - 130
Bromobenzene	10.00	9.76	98	3	25	70 - 130
Bromochloromethane	10.00	9.23	92	0.3	25	70 - 130
Bromodichloromethane	10.00	9.68	97	3	25	70 - 130
Bromoform	10.00	8.64	86	2	25	70 - 130
Bromomethane	10.00	9.67	97	2	25	70 - 130
Carbon Disulfide	10.00	10.6	106	2	25	70 - 130
Carbon Tetrachloride	10.00	9.47	95	1	25	70 - 130
Chlorobenzene	10.00	9.50	95	2	25	70 - 130
Chloroethane	10.00	10.8	108	4	25	70 - 130
Chloroform	10.00	9.64	96	2	25	70 - 130
Chloromethane	10.00	10.0	100	0.8	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.36	94	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90410
Laboratory ID: BL90410-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.43	94	5	25	70 - 130
Dibromochloromethane	10.00	9.06	91	5	25	70 - 130
Dibromomethane	10.00	8.87	89	1	25	70 - 130
Dichlorodifluoromethane	10.00	9.67	97	5	25	70 - 130
Diethyl Ether	10.00	9.70	97	3	25	70 - 130
Di-isopropyl ether	10.00	9.54	95	4	25	70 - 130
Ethyl tertiary-butyl ether	10.00	9.10	91	3	25	70 - 130
Ethylbenzene	10.00	9.58	96	1	25	70 - 130
Hexachlorobutadiene	10.00	11.0	110	2	25	70 - 130
Hexachloroethane	10.00	9.64	96	8	25	70 - 130
Isopropylbenzene	10.00	8.11	81	2	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.08	91	4	25	70 - 130
Methylene Chloride	10.00	10.1	101	1	25	70 - 130
Naphthalene	10.00	8.73	87	9	25	70 - 130
n-Butylbenzene	10.00	10.1	101	4	25	70 - 130
n-Propylbenzene	10.00	9.34	93	2	25	70 - 130
sec-Butylbenzene	10.00	9.86	99	4	25	70 - 130
Styrene	10.00	9.36	94	3	25	70 - 130
tert-Butylbenzene	10.00	9.35	94	5	25	70 - 130
Tertiary-amyl methyl ether	10.00	9.25	92	2	25	70 - 130
Tetrachloroethene	10.00	9.34	93	1	25	70 - 130
Tetrahydrofuran	10.00	9.48	95	3	25	70 - 130
Toluene	10.00	9.70	97	0.4	25	70 - 130
trans-1,2-Dichloroethene	10.00	9.98	100	2	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.03	80	4	25	70 - 130
Trichloroethene	10.00	9.58	96	0.9	25	70 - 130
Trichlorofluoromethane	10.00	10.1	101	2	25	70 - 130
Vinyl Acetate	10.00	9.19	92	0.4	25	70 - 130
Vinyl Chloride	10.00	9.97	100	4	25	70 - 130
Xylene O	10.00	9.72	97	0.8	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	19.0	95	3	25	70 - 130

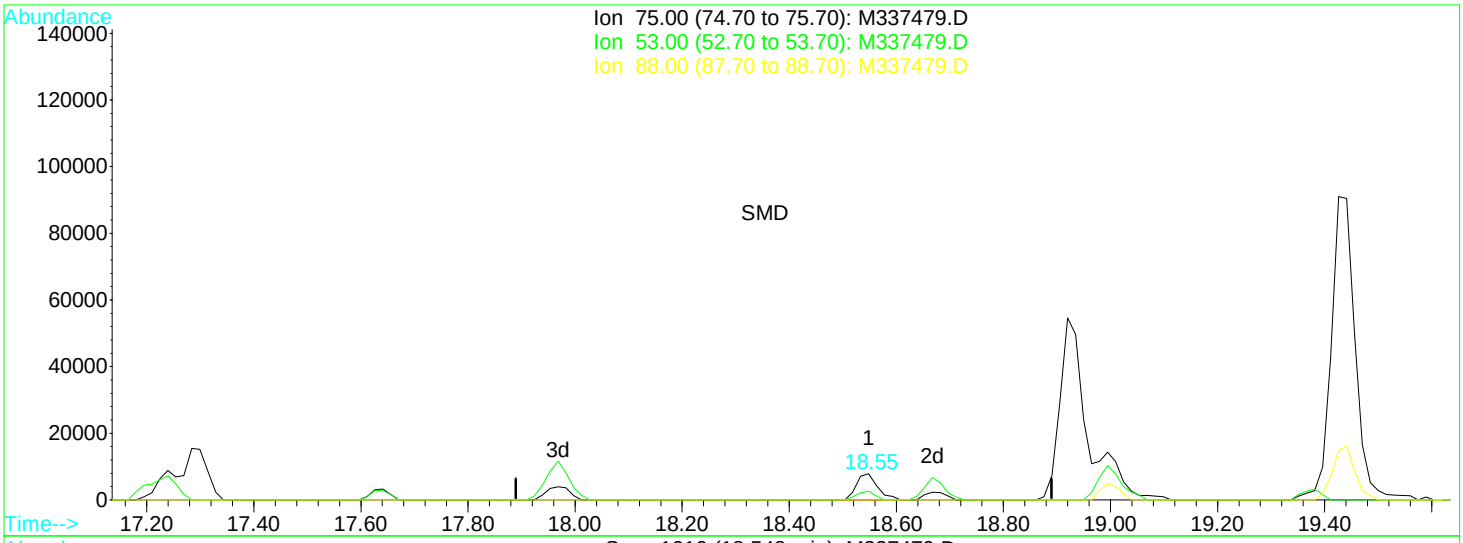
Column to be used to flag recovery and RPD values with an asterisk

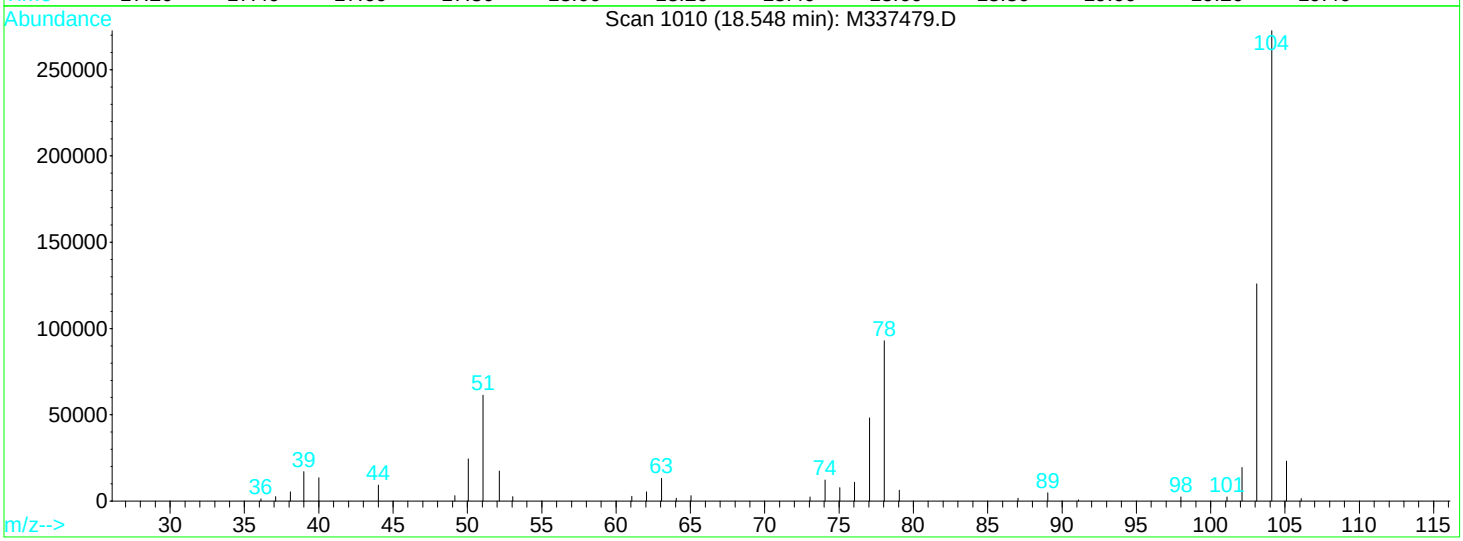
* Values outside of QC limits

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337479.D

(74) cis-1,4-Dichloro-2-butene

18.55min 6.86ug/l

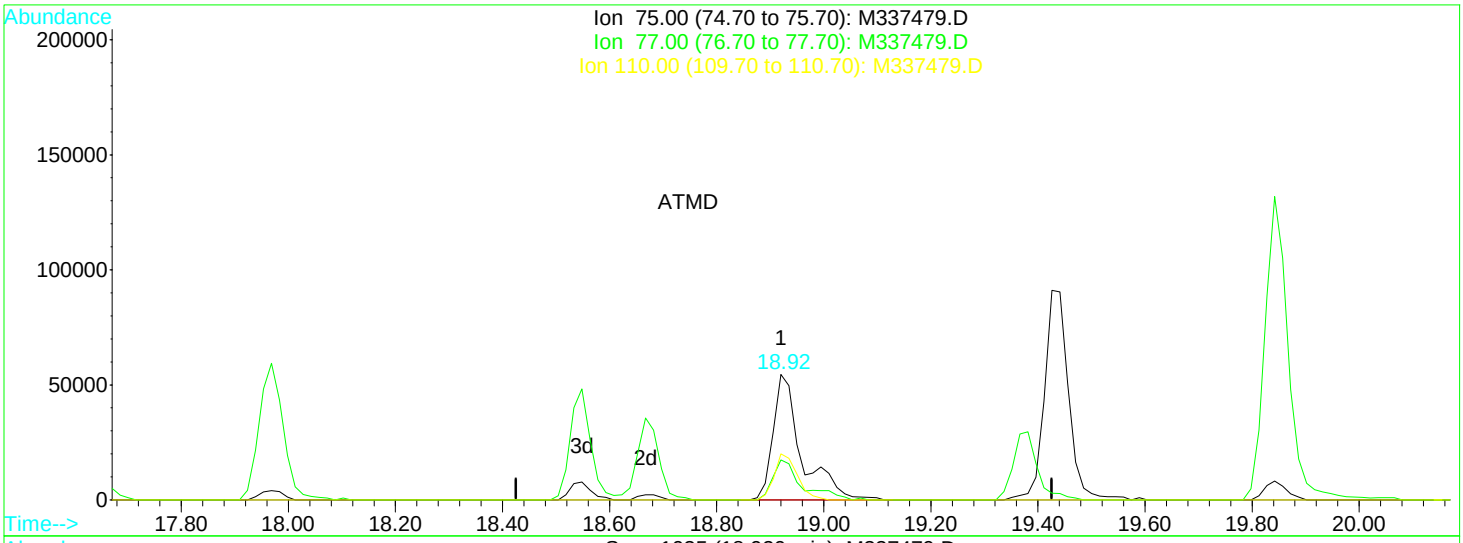
response 21506

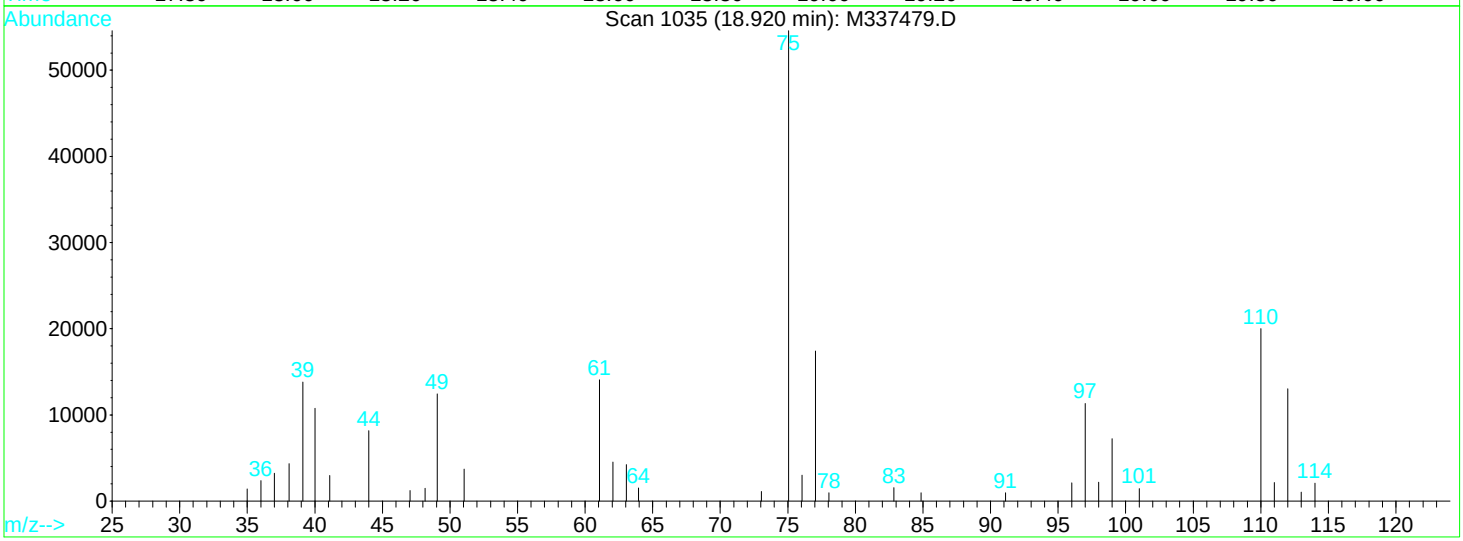
Ion	Exp%	Act%
75.00	100	100
53.00	73.90	33.56#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337479.D

(78) 1,2,3-Trichloropropane

18.92min 12.28ug/l

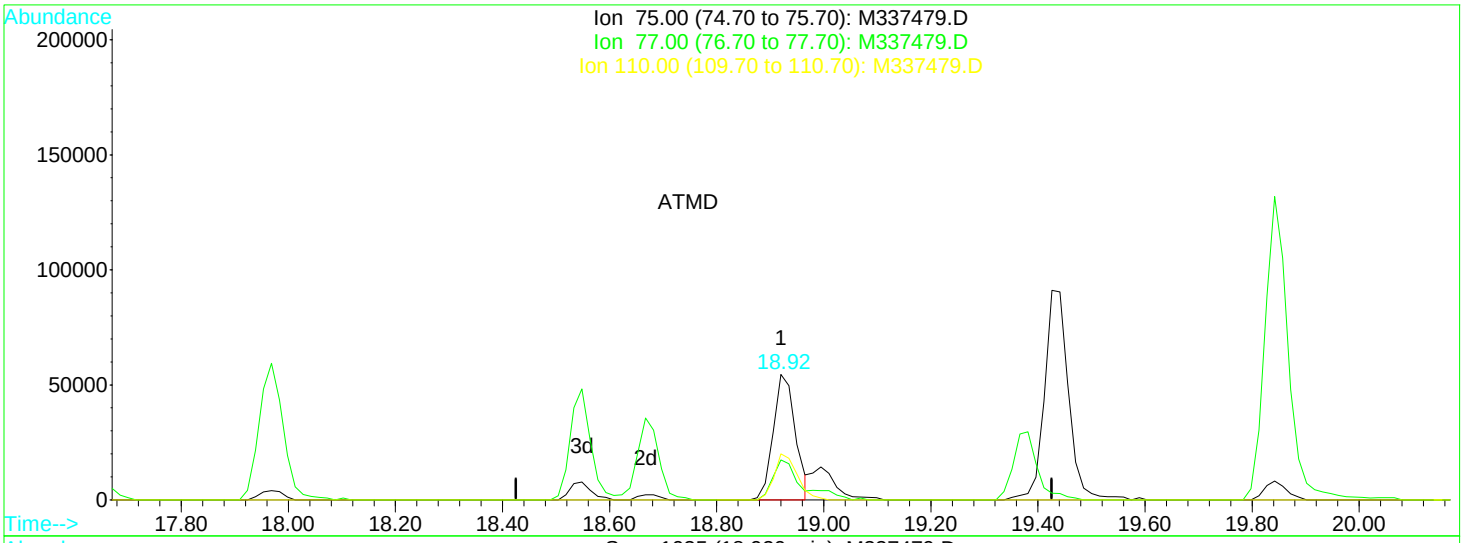
response 202859

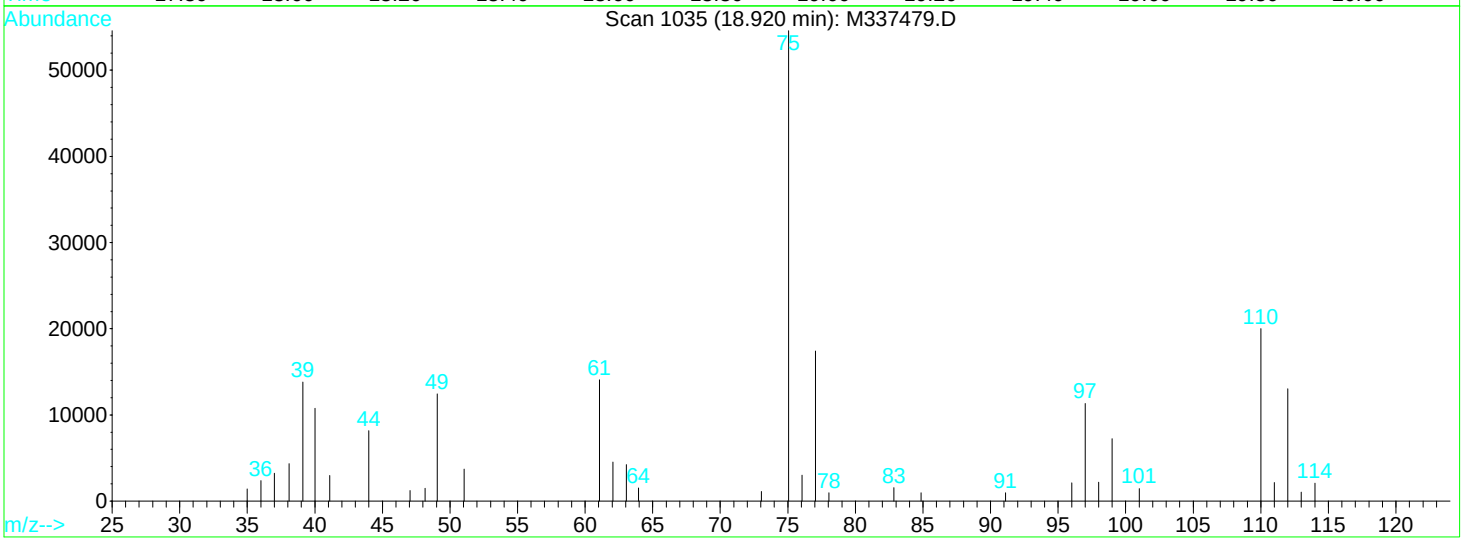
Ion	Exp%	Act%
75.00	100	100
77.00	32.00	31.91
110.00	36.70	36.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337479.D

(78) 1,2,3-Trichloropropane

18.92min 9.56ug/l m

response 157960

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	31.91
110.00	36.70	36.66
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.96	96	2930835	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	1966538	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	732875	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	844128	23.31	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	466052	23.48	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.92%			
59) Toluene-d8 (SURR)	14.87	98	2416570	23.84	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.36%			
75) Bromofluorobenzene (SURR)	19.44	95	823613	23.67	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.69	85	238149	9.49	ug/l	98
3) Chloromethane	3.97	50	312488	10.27	ug/l	100
4) Vinyl Chloride	4.28	62	251072	10.05	ug/l	98
5) Bromomethane	4.92	94	165521	9.51	ug/l	98
6) Chloroethane	5.16	64	152051	10.85	ug/l	96
7) Trichlorofluoromethane	6.07	101	345428	10.27	ug/l	96
8) Diethyl ether	6.49	59	167986	10.24	ug/l	96
9) Acrolein	6.08	56	26496	13.06	ug/l	100
10) Acetone	6.29	58	81123	67.24	ug/l	97
11) Iodomethane	6.96	142	384542	10.27	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.24	101	238189	9.14	ug/l	95
13) Methyl Acetate	7.30	43	141570	10.01	ug/l	99
14) Allyl Chloride	7.30	41	451636	9.94	ug/l	97
15) Carbon Disulfide	7.47	76	1021844	10.74	ug/l	99
16) 1,1-Dichloroethene	6.92	96	268522	9.80	ug/l	98
17) Methylene Chloride	7.15	84	359467	10.50	ug/l	91
18) Methyl tert-Butyl Ether	8.42	73	380576	9.46	ug/l	98
19) Acrylonitrile	7.07	53	60636	10.12	ug/l	95
20) trans-1,2-Dichloroethene	8.21	96	317420	10.43	ug/l	98
21) 1,1-Dichloroethane	8.60	63	466391	10.09	ug/l	97
22) Vinyl Acetate	8.87	43	429487	9.72	ug/l	97
24) 2-Butanone	9.33	72	81798	58.86	ug/l #	1
25) Di-isopropyl ether	9.34	45	954433	9.91	ug/l	91
26) Methacrylonitrile	9.46	41	111934	9.06	ug/l	96
27) cis-1,2 Dichloroethene	9.49	96	345456	9.74	ug/l	97
28) Methyl Acrylate	9.95	55	160126	10.26	ug/l	95
29) Ethyl tertiary-butyl ether	9.95	59	542726	9.29	ug/l	98
30) 2,2-Dichloropropane	9.94	77	233123	9.37	ug/l	89
31) Bromochloromethane	9.74	128	157657	9.73	ug/l	94
32) Tetrahydrofuran	10.38	42	46082	10.10	ug/l	100
33) Chloroform	9.82	83	462575	9.83	ug/l	98
35) 1-Chlorobutane	10.96	56	413488	9.85	ug/l	94
36) 1,1,1-Trichloroethane	10.98	97	316691	9.49	ug/l	99
37) 1,1-Dichloropropene	11.27	75	301847	9.48	ug/l	98
38) Cyclohexane	11.41	56	287883	9.54	ug/l	99
39) Carbon Tetrachloride	11.54	117	272285	9.55	ug/l	100
40) Benzene	11.62	78	1074754	9.85	ug/l	100
42) 1,2-Dichloroethane	10.83	62	223490	9.69	ug/l	100
43) Tertiary-amyl methyl ether	11.88	73	429614	9.43	ug/l	92
44) Trichloroethene	12.63	95	290660	9.52	ug/l	95
45) 1,2-Dichloropropane	12.55	63	280902	10.02	ug/l	99
46) Dibromomethane	12.49	93	177665	9.20	ug/l	98
47) 2-Nitropropane	12.66	43	34340	9.96	ug/l	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

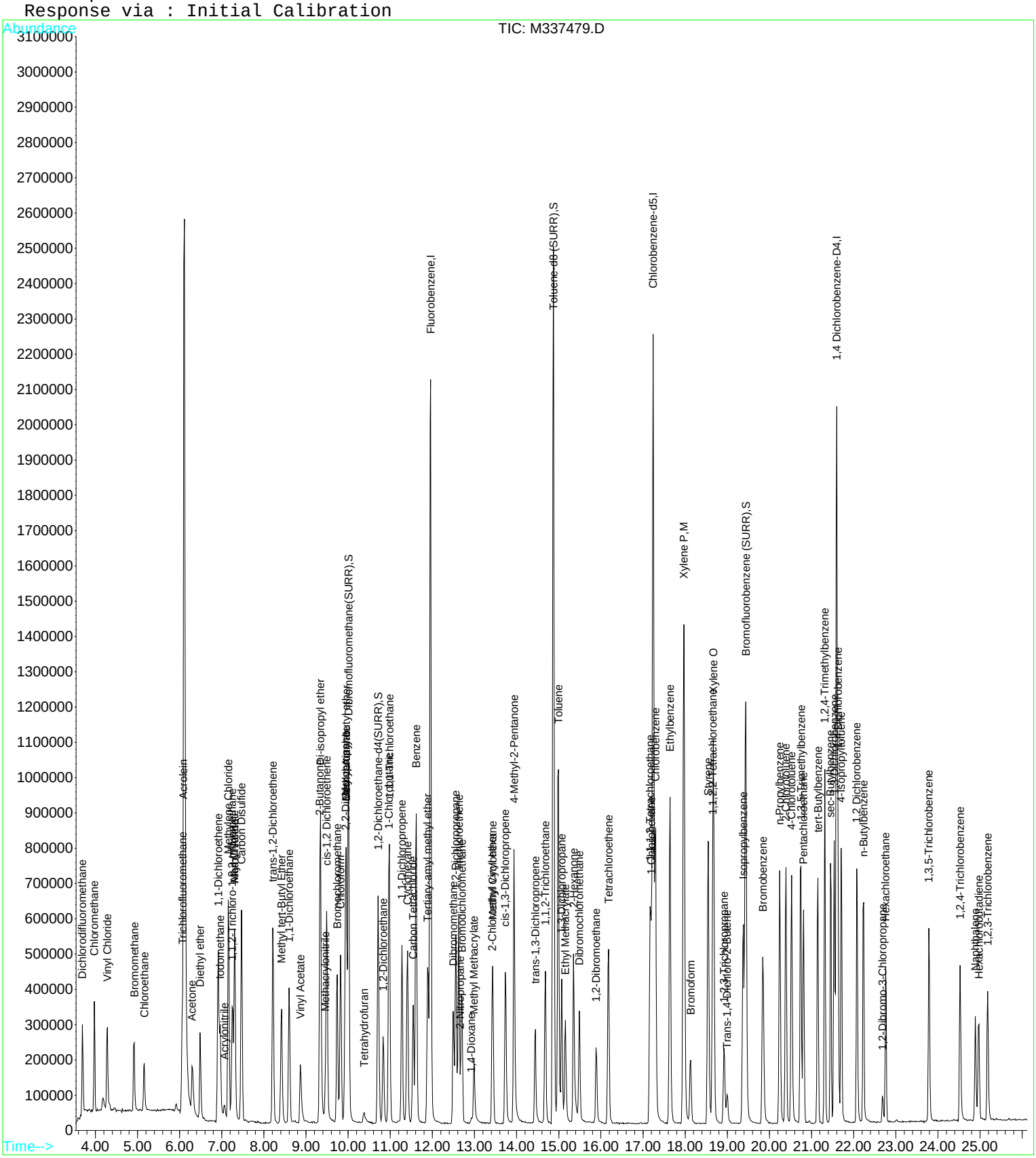
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	Bromodichloromethane	12.70	83	324564	9.88	ug/l	98
49)	1,4-Dioxane	12.93	88	28128	336.40	ug/l	94
50)	Methyl Methacrylate	12.99	41	152484	9.58	ug/l	96
51)	2-Chloroethyl vinyl ether	13.42	63	15737	9.57	ug/l	77
52)	Methyl Cyclohexane	13.43	83	224250	9.43	ug/l	97
53)	4-Methyl-2-Pentanone	13.94	58	289640	47.75	ug/l	98
54)	cis-1,3-Dichloropropene	13.73	75	339400	9.76	ug/l	98
55)	trans-1,3-Dichloropropene	14.44	75	220699	8.62	ug/l	98
56)	1,1,2-Trichloroethane	14.68	83	187869	9.67	ug/l	98
57)	Toluene	14.99	92	692730	9.83	ug/l	100
60)	Ethyl Methacrylate	15.16	69	213194	10.33	ug/l	97
61)	2-Hexanone	15.35	43	630599	54.06	ug/l	99
62)	1,3-Dichloropropane	15.07	76	337817	9.87	ug/l	100
63)	Tetrachloroethene	16.18	164	178297	9.73	ug/l	97
64)	Dibromochloromethane	15.48	129	247211	9.47	ug/l	99
65)	1,2-Dibromoethane	15.89	107	235422	9.67	ug/l	97
66)	1-Chlorohexane	17.19	91	228123	9.13	ug/l	89
67)	Chlorobenzene	17.30	112	774219	9.90	ug/l	99
68)	1,1,1,2-Tetrachloroethane	17.17	131	223289	9.68	ug/l	98
69)	Ethylbenzene	17.64	91	1061709	9.76	ug/l	98
70)	Xylene P,M	17.97	106	843740	19.73	ug/l	98
71)	Xylene O	18.67	106	428468	9.90	ug/l	98
72)	Styrene	18.55	104	693921	9.86	ug/l	97
73)	Bromoform	18.13	173	141021	9.26	ug/l	100
77)	Trans-1,4-Dichloro-2-Buten	18.99	53	30980	8.89	ug/l	84
78)	1,2,3-Trichloropropane	18.92	75	157960m	9.56	ug/l	
79)	Isopropylbenzene	19.38	105	697756	8.13	ug/l	97
80)	Bromobenzene	19.84	156	270694	10.03	ug/l	91
81)	1,1,2,2-Tetrachloroethane	18.65	83	260313	9.54	ug/l	100
82)	n-Propylbenzene	20.24	91	896815	9.43	ug/l	99
83)	2-Chlorotoluene	20.39	91	656517	9.72	ug/l	94
84)	4-Chlorotoluene	20.53	91	689615	9.85	ug/l	95
85)	1,3,5-Trimethylbenzene	20.75	105	647419	9.74	ug/l	93
86)	Pentachloroethane	20.81	119	157129	9.22	ug/l	96
87)	tert-Butylbenzene	21.15	119	461386	9.45	ug/l	97
88)	1,2,4-Trimethylbenzene	21.31	105	694938	9.72	ug/l	99
89)	sec-Butylbenzene	21.45	105	769690	9.94	ug/l	98
90)	1,3 Dichlorobenzene	21.54	146	404577	9.65	ug/l	98
91)	4-Isopropyltoluene	21.70	119	599775	9.68	ug/l	96
92)	1,4 Dichlorobenzene	21.63	146	452034	9.78	ug/l	97
93)	n-Butylbenzene	22.24	91	560749	10.26	ug/l	97
94)	1,2 Dichlorobenzene	22.07	146	400119	9.87	ug/l	96
95)	1,2-Dibromo-3-Chloropropan	22.68	75	24898	10.12	ug/l	87
96)	Hexachloroethane	22.76	117	130717	10.05	ug/l	89
97)	1,3,5-Trichlorobenzene	23.78	180	258198	11.26	ug/l	96
98)	1,2,4-Trichlorobenzene	24.53	180	223110	10.90	ug/l	99
99)	Hexachlorobutadiene	24.97	225	96917	11.01	ug/l	99
100)	Naphthalene	24.88	128	375667	10.16	ug/l	100
101)	1,2,3-Trichlorobenzene	25.18	180	191624	11.95	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: AQ110909.RES

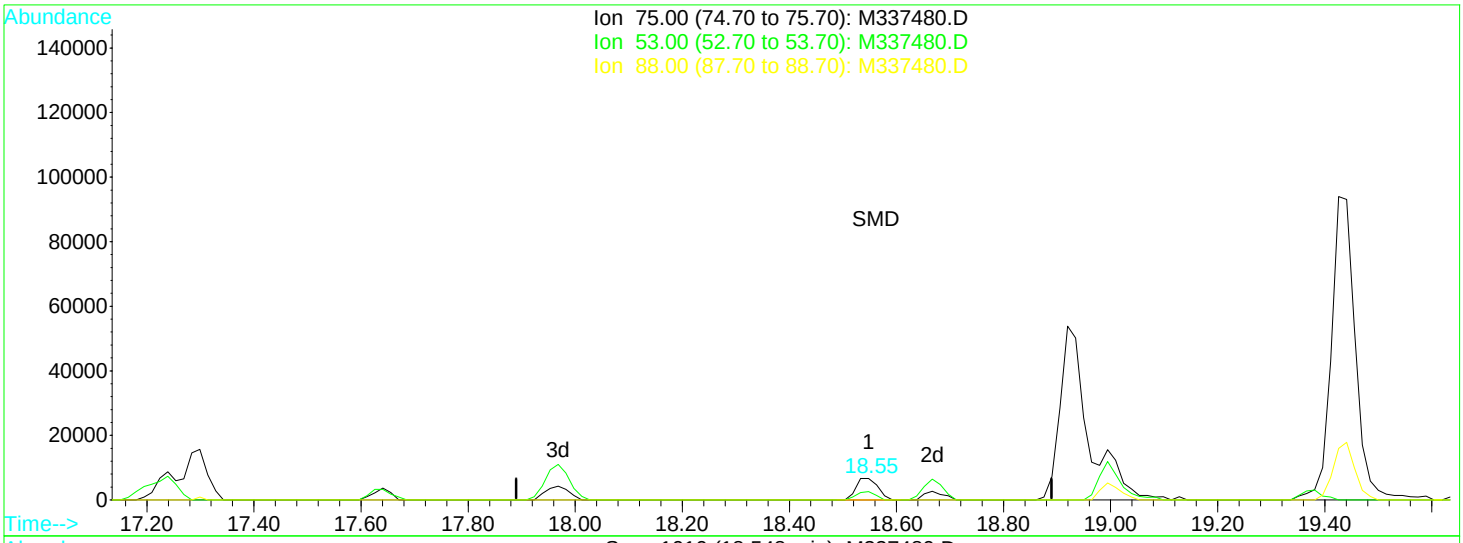
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

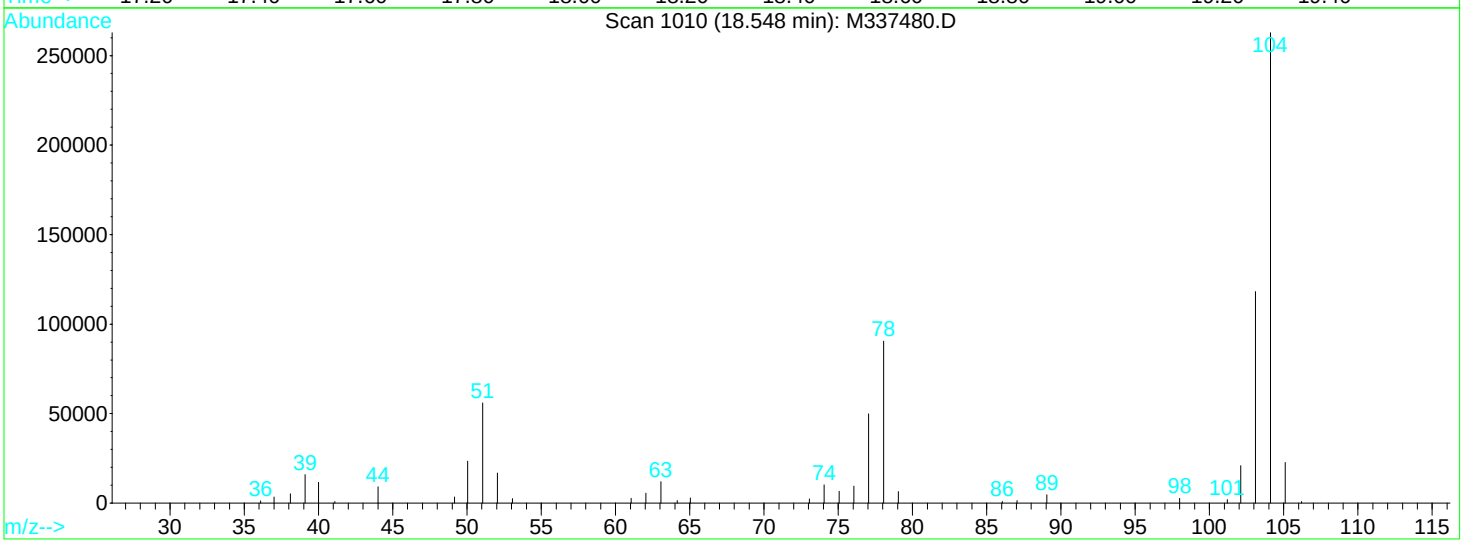


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337480.D

(74) cis-1,4-Dichloro-2-butene

18.55min 6.46ug/l

response 18879

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	38.07#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.96	96	3001284	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	1999823	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	744349	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	845207	22.80	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.20%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	477152	23.48	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.92%			
59) Toluene-d8 (SURR)	14.87	98	2466889	23.93	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.72%			
75) Bromofluorobenzene (SURR)	19.44	95	825428	23.33	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.69	85	240624	9.37	ug/l	98
3) Chloromethane	3.97	50	311995	10.01	ug/l	100
4) Vinyl Chloride	4.28	62	248901	9.73	ug/l	97
5) Bromomethane	4.92	94	161226	9.04	ug/l	94
6) Chloroethane	5.16	64	152561	10.63	ug/l	98
7) Trichlorofluoromethane	6.07	101	315056	9.15	ug/l	97
8) Diethyl ether	6.49	59	169281	10.08	ug/l	99
9) Acrolein	6.08	56	24973	12.17	ug/l	95
10) Acetone	6.31	58	79267	64.16	ug/l	87
11) Iodomethane	6.96	142	374427	9.77	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.24	101	248455	9.31	ug/l	93
13) Methyl Acetate	7.30	43	142744	9.85	ug/l	100
14) Allyl Chloride	7.30	41	451686	9.71	ug/l	99
15) Carbon Disulfide	7.47	76	1017076	10.44	ug/l	99
16) 1,1-Dichloroethene	6.92	96	269181	9.59	ug/l	98
17) Methylene Chloride	7.15	84	361617	10.31	ug/l	92
18) Methyl tert-Butyl Ether	8.42	73	380443	9.23	ug/l	96
19) Acrylonitrile	7.07	53	65337	10.63	ug/l	90
20) trans-1,2-Dichloroethene	8.21	96	308764	9.91	ug/l	96
21) 1,1-Dichloroethane	8.60	63	462423	9.77	ug/l	97
22) Vinyl Acetate	8.87	43	433715	9.59	ug/l	97
24) 2-Butanone	9.33	72	73700	51.79	ug/l #	1
25) Di-isopropyl ether	9.34	45	958696	9.72	ug/l	92
26) Methacrylonitrile	9.46	41	115494	9.13	ug/l	96
27) cis-1,2 Dichloroethene	9.49	96	340064	9.36	ug/l	99
28) Methyl Acrylate	9.95	55	165901	10.38	ug/l	96
29) Ethyl tertiary-butyl ether	9.95	59	549582	9.19	ug/l	99
30) 2,2-Dichloropropane	9.94	77	233259	9.15	ug/l	90
31) Bromochloromethane	9.74	128	158329	9.54	ug/l	95
32) Tetrahydrofuran	10.37	42	47459	10.16	ug/l	81
33) Chloroform	9.82	83	458572	9.52	ug/l	99
35) 1-Chlorobutane	10.98	56	411901	9.58	ug/l	98
36) 1,1,1-Trichloroethane	10.98	97	314323	9.20	ug/l	98
37) 1,1-Dichloropropene	11.27	75	303946	9.32	ug/l	97
38) Cyclohexane	11.41	56	291755	9.44	ug/l	98
39) Carbon Tetrachloride	11.54	117	266690	9.14	ug/l	98
40) Benzene	11.62	78	1067219	9.55	ug/l	100
42) 1,2-Dichloroethane	10.83	62	233163	9.87	ug/l	97
43) Tertiary-amyl methyl ether	11.88	73	426869	9.15	ug/l	90
44) Trichloroethene	12.63	95	293545	9.38	ug/l	99
45) 1,2-Dichloropropane	12.55	63	278458	9.70	ug/l	98
46) Dibromomethane	12.49	93	184193	9.31	ug/l	96
47) 2-Nitropropane	12.66	43	33149	9.40	ug/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

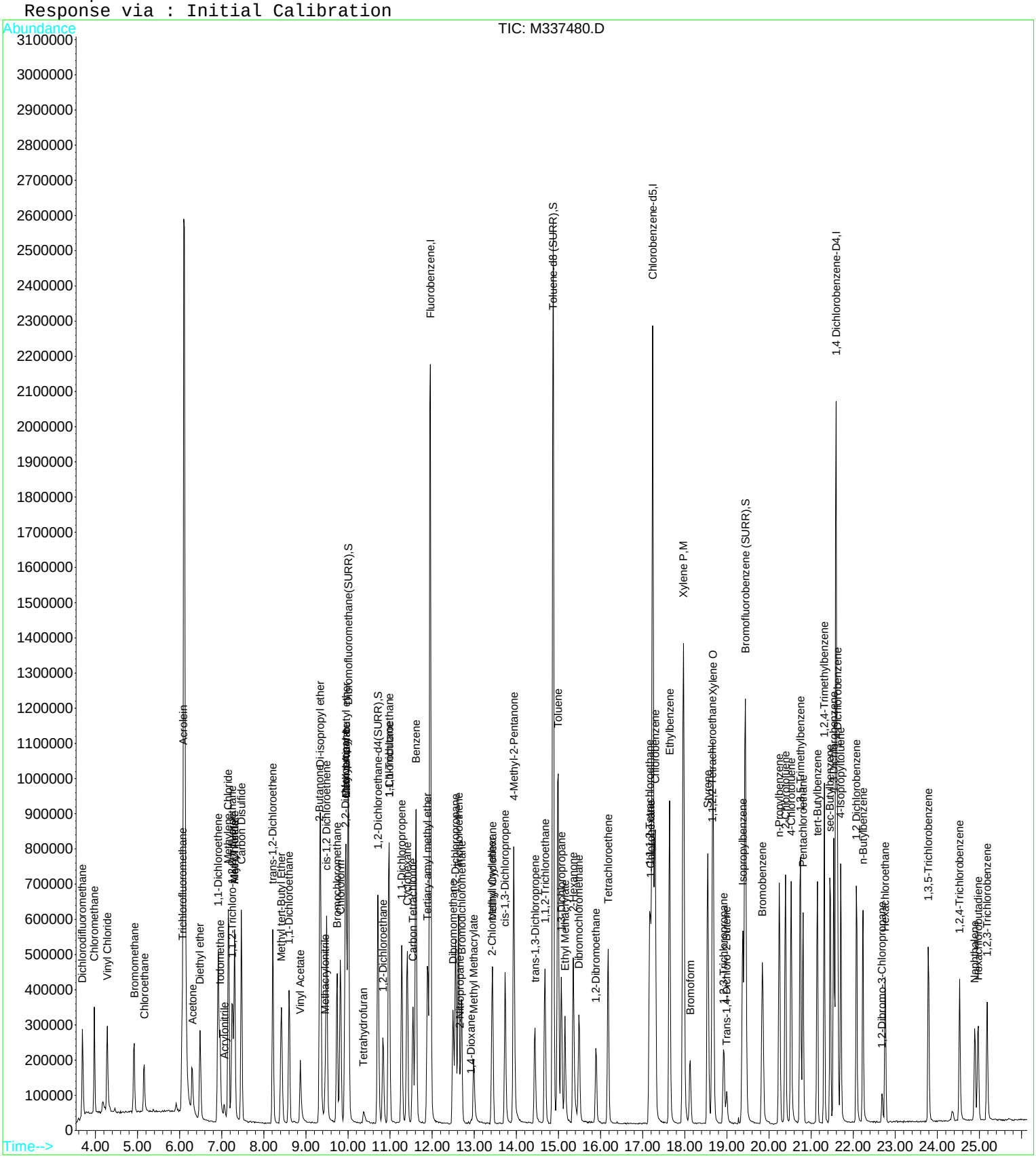
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.70	83	325622	9.68	ug/l		99
49)	1,4-Dioxane	12.93	88	20258	247.22	ug/l		97
50)	Methyl Methacrylate	12.99	41	155377	9.53	ug/l		94
51)	2-Chloroethyl vinyl ether	13.42	63	15848	9.41	ug/l		75
52)	Methyl Cyclohexane	13.43	83	218460	8.97	ug/l		97
53)	4-Methyl-2-Pentanone	13.94	58	300673	48.40	ug/l		99
54)	cis-1,3-Dichloropropene	13.73	75	338947	9.52	ug/l		99
55)	trans-1,3-Dichloropropene	14.44	75	218668	8.34	ug/l		99
56)	1,1,2-Trichloroethane	14.68	83	192360	9.67	ug/l		97
57)	Toluene	14.99	92	690428	9.57	ug/l		99
60)	Ethyl Methacrylate	15.16	69	223013	10.58	ug/l		100
61)	2-Hexanone	15.35	43	608392	51.68	ug/l		100
62)	1,3-Dichloropropane	15.07	76	344863	9.91	ug/l		100
63)	Tetrachloroethene	16.18	164	177238	9.51	ug/l		97
64)	Dibromochloromethane	15.48	129	247150	9.31	ug/l		98
65)	1,2-Dibromoethane	15.89	107	235606	9.52	ug/l		97
66)	1-Chlorohexane	17.19	91	231486	9.11	ug/l		88
67)	Chlorobenzene	17.30	112	756536	9.52	ug/l		99
68)	1,1,1,2-Tetrachloroethane	17.16	131	219328	9.35	ug/l		100
69)	Ethylbenzene	17.64	91	1040241	9.41	ug/l		99
70)	Xylene P,M	17.97	106	818894	18.83	ug/l		98
71)	Xylene O	18.67	106	418378	9.51	ug/l		96
72)	Styrene	18.55	104	676501	9.45	ug/l		97
73)	Bromoform	18.13	173	139052	8.98	ug/l		98
77)	Trans-1,4-Dichloro-2-Buten	18.99	53	33483	9.30	ug/l	#	78
78)	1,2,3-Trichloropropane	18.92	75	168241	10.03	ug/l		98
79)	Isopropylbenzene	19.38	105	693661	7.96	ug/l		99
80)	Bromobenzene	19.84	156	265637	9.70	ug/l		87
81)	1,1,2,2-Tetrachloroethane	18.65	83	269630	9.73	ug/l		98
82)	n-Propylbenzene	20.24	91	872163	9.03	ug/l		98
83)	2-Chlorotoluene	20.39	91	640039	9.33	ug/l		98
84)	4-Chlorotoluene	20.53	91	664711	9.35	ug/l		91
85)	1,3,5-Trimethylbenzene	20.75	105	640912	9.49	ug/l		93
86)	Pentachloroethane	20.81	119	152718	8.82	ug/l		97
87)	tert-Butylbenzene	21.15	119	448141	9.03	ug/l		99
88)	1,2,4-Trimethylbenzene	21.31	105	683888	9.42	ug/l		100
89)	sec-Butylbenzene	21.45	105	734517	9.34	ug/l		98
90)	1,3 Dichlorobenzene	21.54	146	405045	9.51	ug/l		97
91)	4-Isopropyltoluene	21.70	119	565420	8.99	ug/l		97
92)	1,4 Dichlorobenzene	21.63	146	443601	9.45	ug/l		95
93)	n-Butylbenzene	22.24	91	518066	9.33	ug/l		97
94)	1,2 Dichlorobenzene	22.07	146	386793	9.40	ug/l		95
95)	1,2-Dibromo-3-Chloropropan	22.68	75	24012	9.61	ug/l		84
96)	Hexachloroethane	22.76	117	121137	9.17	ug/l		90
97)	1,3,5-Trichlorobenzene	23.78	180	235401	10.11	ug/l		95
98)	1,2,4-Trichlorobenzene	24.53	180	193495	9.30	ug/l		96
99)	Hexachlorobutadiene	24.97	225	92127	10.31	ug/l		98
100)	Naphthalene	24.88	128	349459	9.30	ug/l		100
101)	1,2,3-Trichlorobenzene	25.18	180	171828	10.55	ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: AQ110909.RES

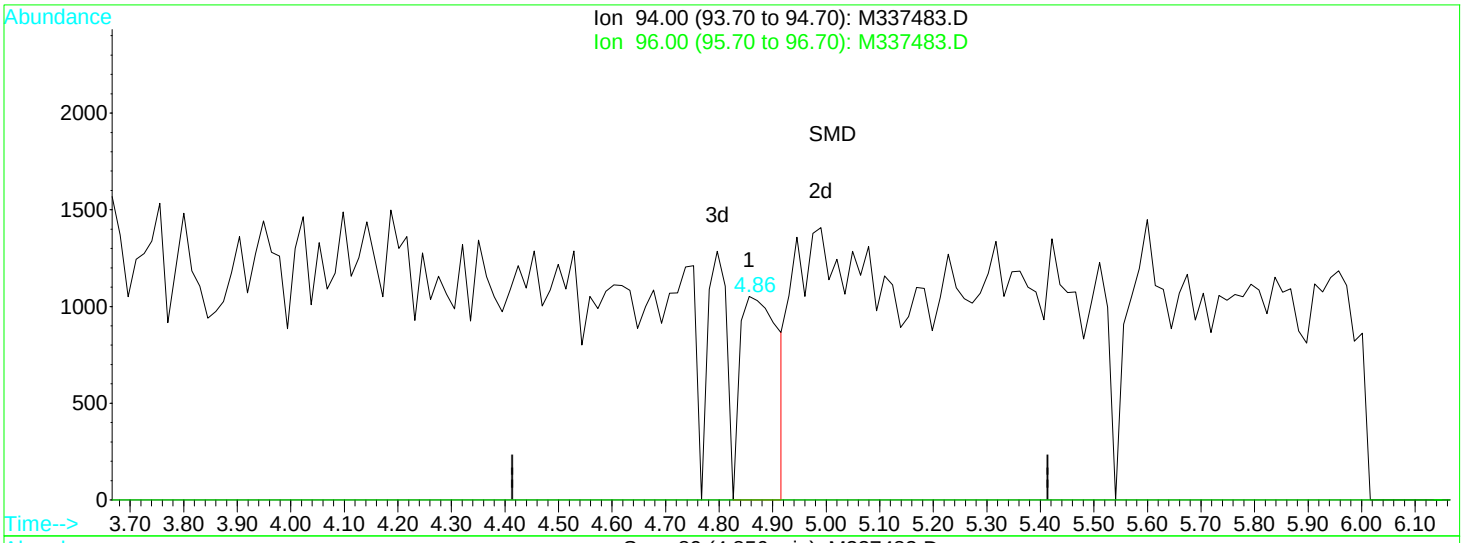
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

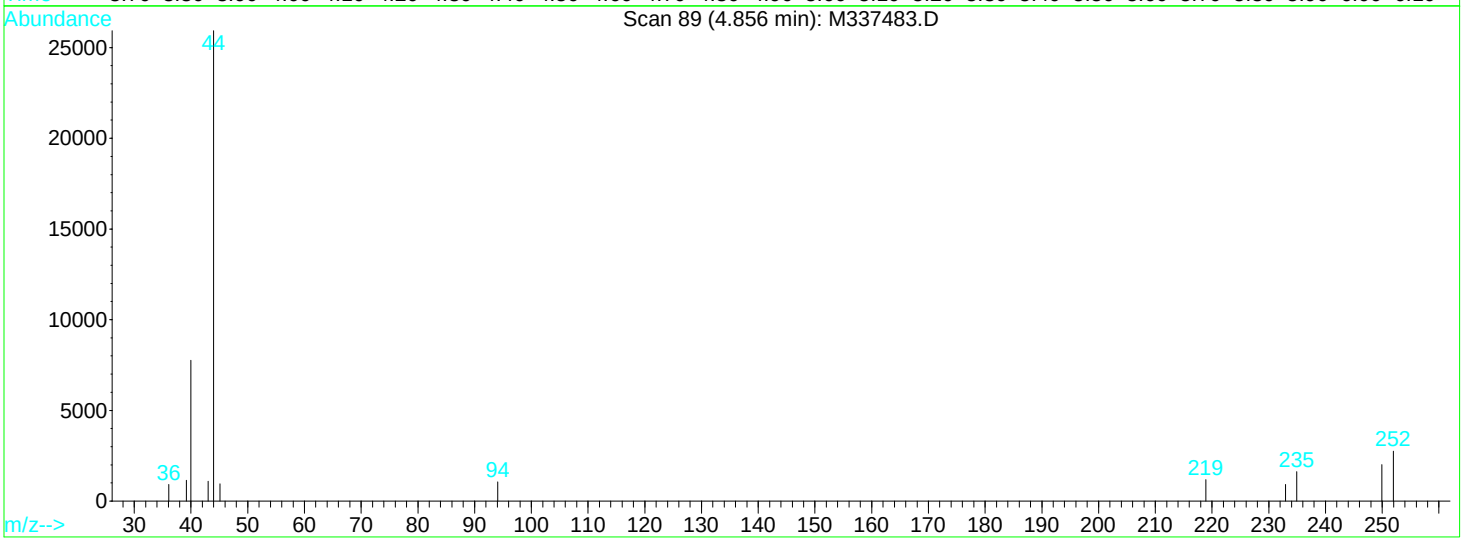


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(5) Bromomethane

4.86min 0.30ug/l

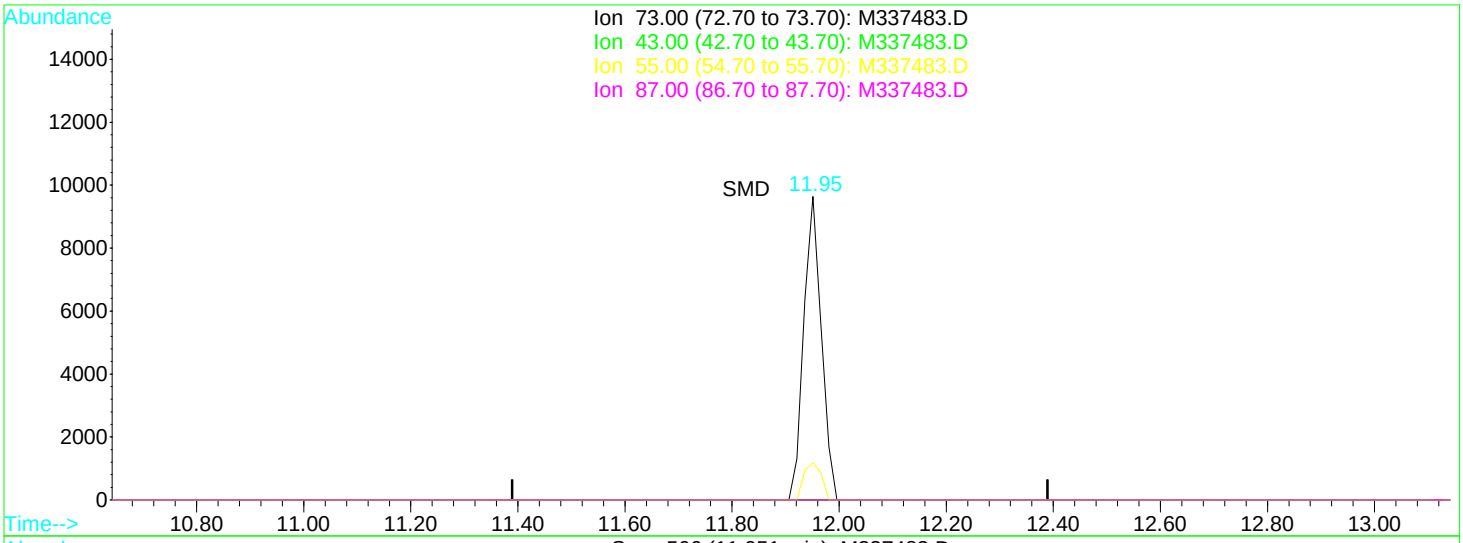
response 5160

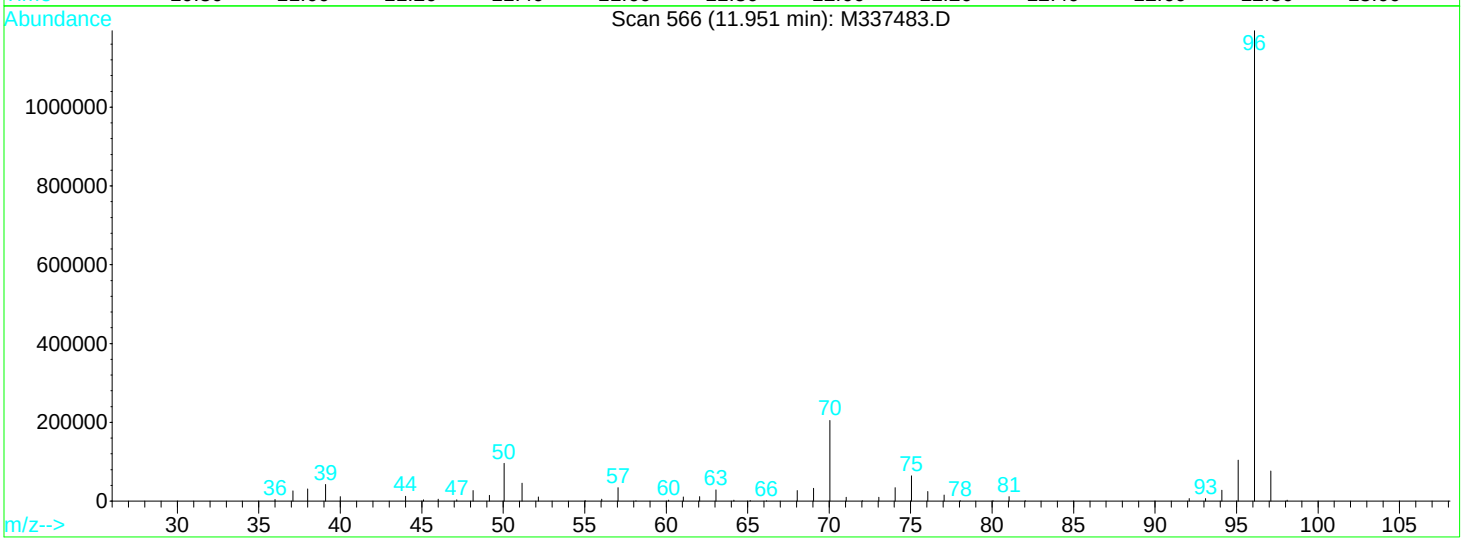
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(43) Tertiary-amyl methyl ether

11.95min 0.49ug/l

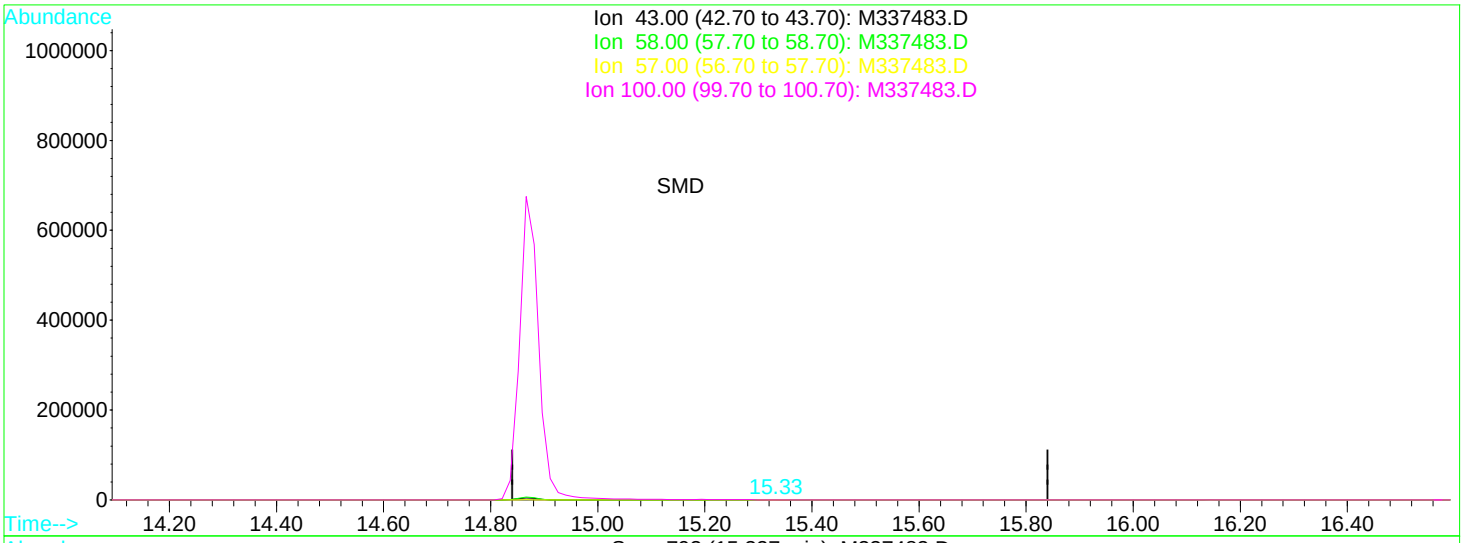
response 21919

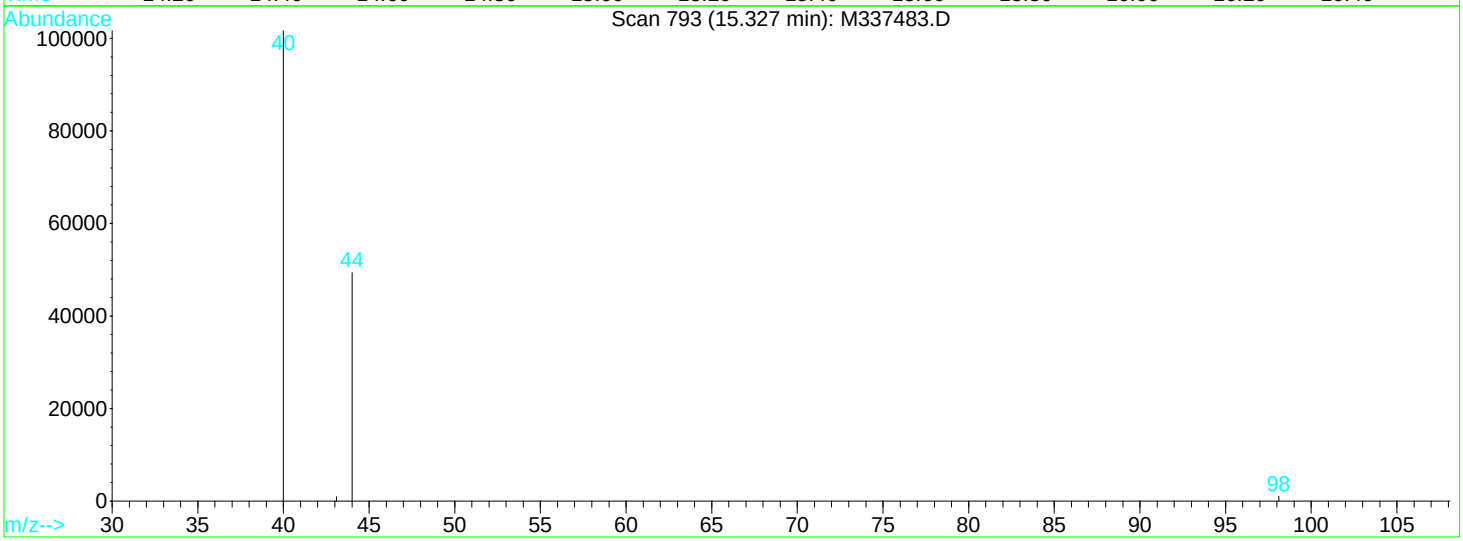
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	12.24
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(61) 2-Hexanone

15.33min 7.78ug/l

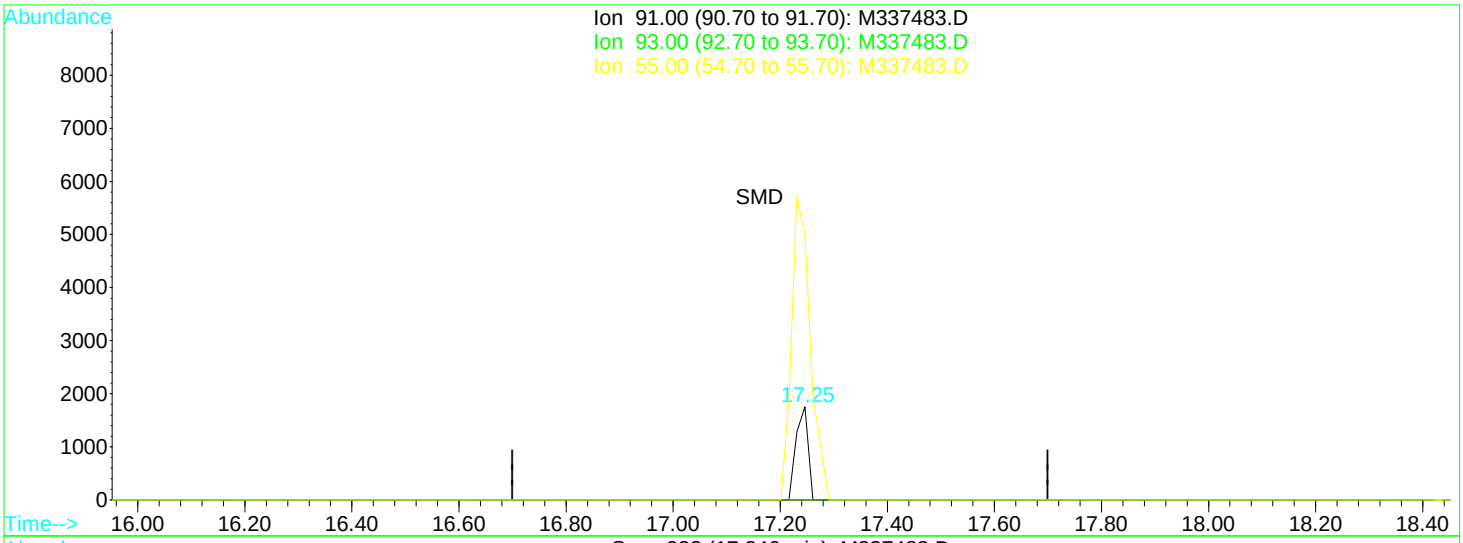
response 857

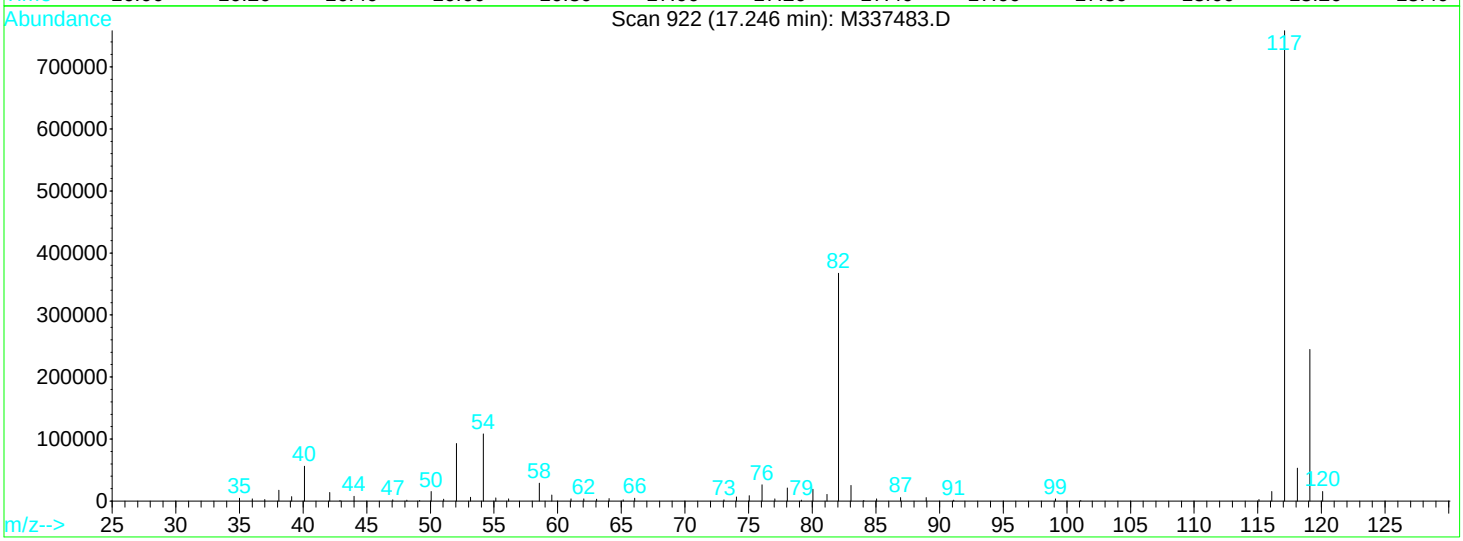
Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	0.00
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(66) 1-Chlorohexane

17.25min 0.11ug/l

response 2709

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	284.10#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2893084	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.25	117	2022777	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.59	152	757072	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	811839	22.72	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.88%			
41) 1,2-Dichloroethane-d4(SURR	10.72	65	463193	23.64	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.56%			
59) Toluene-d8 (SURR)	14.87	98	2476931	23.75	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.00%			
75) Bromofluorobenzene (SURR)	19.43	95	842483	23.54	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.16%			

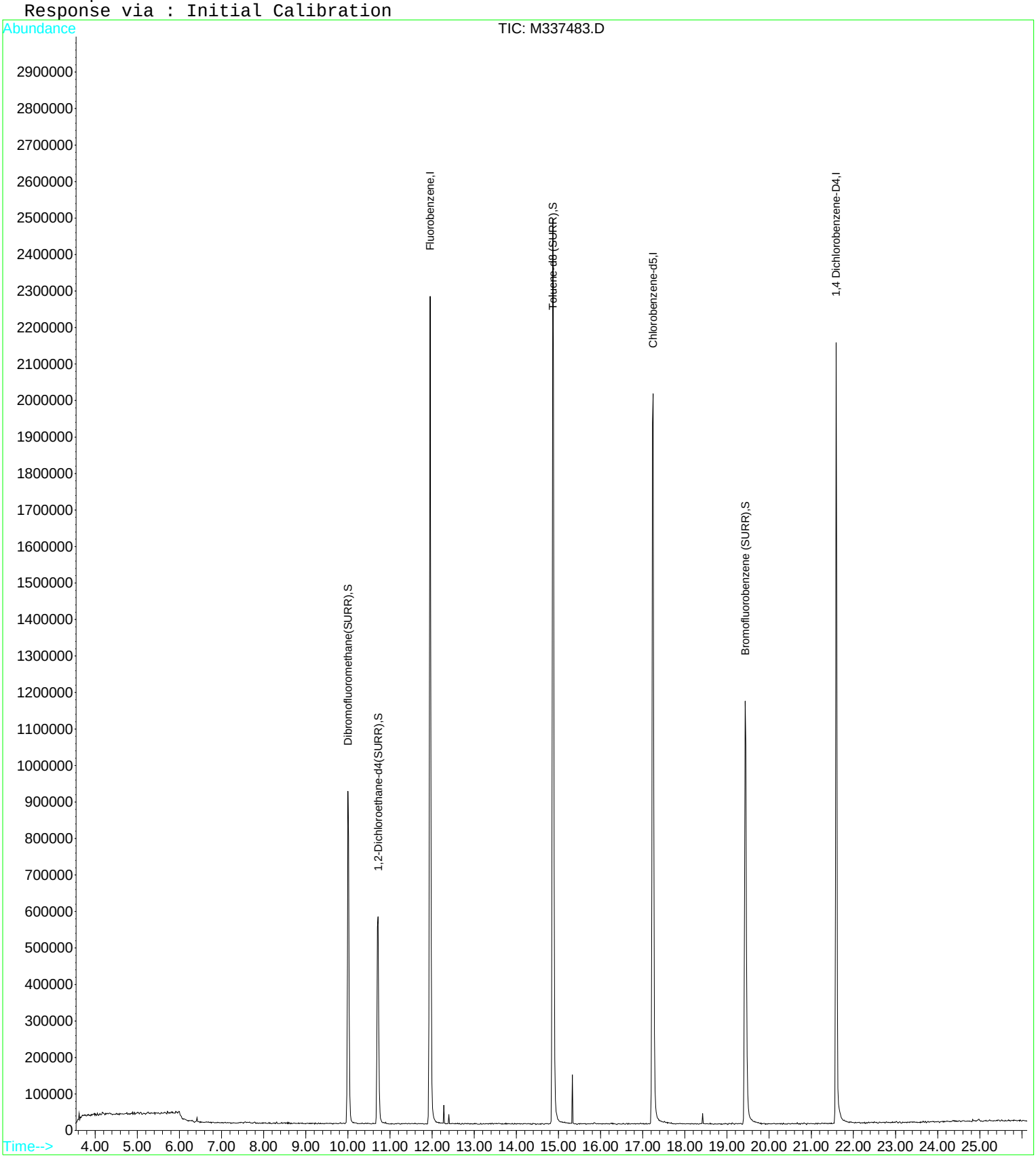
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: AQ110909.RES

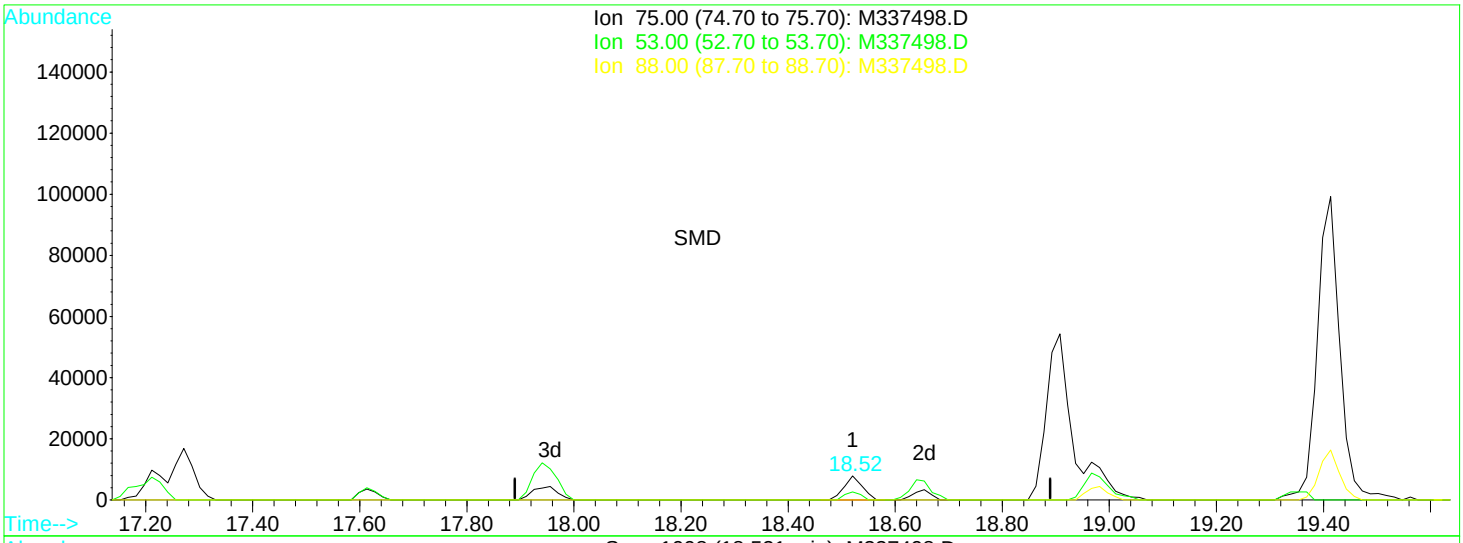
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

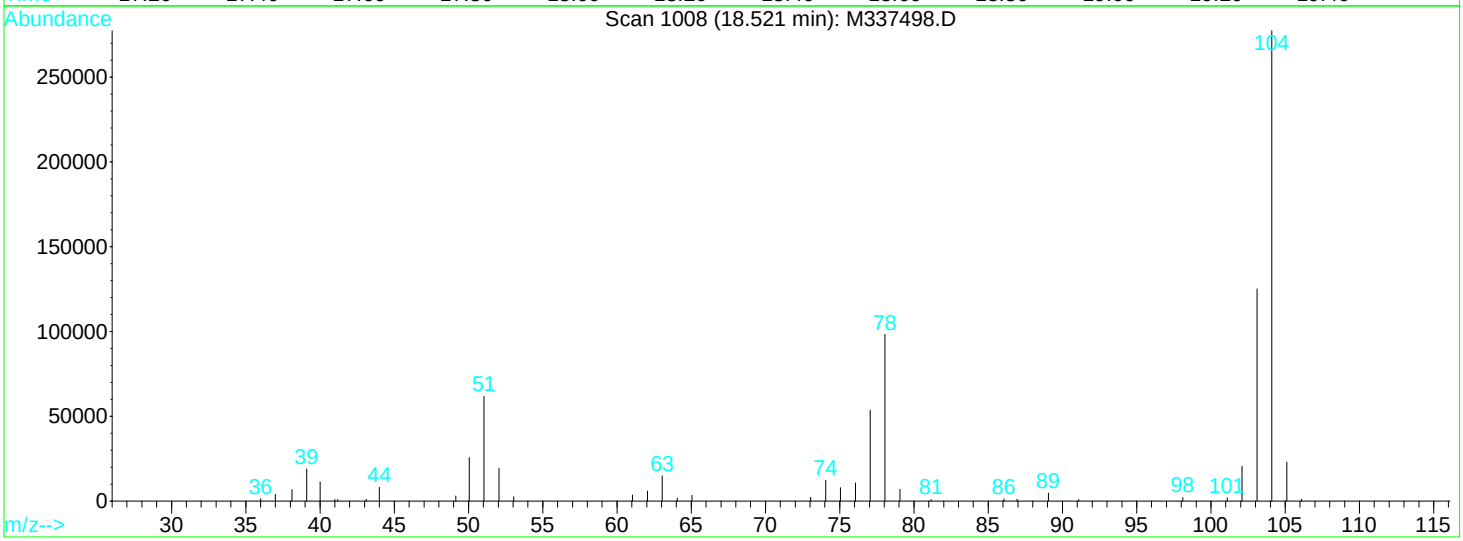


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337498.D Vial: 22
Acq On : 3 Dec 2009 7:33 pm Operator: MD
Sample : BL90309-MS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 20:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337498.D

(74) cis-1,4-Dichloro-2-butene

18.52min 6.48ug/l

response 18682

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	33.95#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337498.D Vial: 22
Acq On : 3 Dec 2009 7:33 pm Operator: MD
Sample : BL90309-MS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:36 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.93	96	2960930	25.00	ug/l		-0.02
58) Chlorobenzene-d5	17.21	117	1966052	25.00	ug/l		-0.03
76) 1,4 Dichlorobenzene-D4	21.58	152	715035	25.00	ug/l		0.00
System Monitoring Compounds							
34) Dibromofluoromethane(SURR)	9.98	111	835362	22.84	ug/l		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.36%				
41) 1,2-Dichloroethane-d4(SURR	10.68	65	466707	23.28	ug/l		-0.03
Spiked Amount 25.000			Recovery = 93.12%				
59) Toluene-d8 (SURR)	14.85	98	2444396	24.12	ug/l		-0.03
Spiked Amount 25.000			Recovery = 96.48%				
75) Bromofluorobenzene (SURR)	19.41	95	814967	23.43	ug/l		-0.02
Spiked Amount 25.000			Recovery = 93.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.68	85	264587	10.44	ug/l		99
3) Chloromethane	3.96	50	324781	10.56	ug/l		100
4) Vinyl Chloride	4.27	62	269766	10.69	ug/l		97
5) Bromomethane	4.90	94	158467	9.01	ug/l		95
6) Chloroethane	5.13	64	158014	11.16	ug/l		96
7) Trichlorofluoromethane	6.04	101	485352	14.29	ug/l		99
8) Diethyl ether	6.46	59	169378	10.22	ug/l		98
9) Acrolein	6.06	56	17136	9.01	ug/l		82
10) Acetone	6.28	58	42100	34.54	ug/l	#	75
11) Iodomethane	6.93	142	343338	9.08	ug/l		98
12) 1,1,2-Trichloro-1,2,2-trif	7.23	101	263859	10.02	ug/l		99
13) Methyl Acetate	7.28	43	137174	9.60	ug/l		97
14) Allyl Chloride	7.29	41	448636	9.78	ug/l		92
15) Carbon Disulfide	7.44	76	1048691	10.91	ug/l		100
16) 1,1-Dichloroethene	6.89	96	285265	10.31	ug/l		96
17) Methylene Chloride	7.14	84	362601	10.48	ug/l		97
18) Methyl tert-Butyl Ether	8.39	73	391785	9.64	ug/l		97
19) Acrylonitrile	7.04	53	59840	9.89	ug/l		99
20) trans-1,2-Dichloroethene	8.20	96	320840	10.44	ug/l		91
21) 1,1-Dichloroethane	8.57	63	478467	10.24	ug/l		97
22) Vinyl Acetate	8.84	43	385549	8.64	ug/l		97
24) 2-Butanone	9.30	72	63282	45.08	ug/l	#	1
25) Di-isopropyl ether	9.31	45	973432	10.01	ug/l		90
26) Methacrylonitrile	9.43	41	122962	9.85	ug/l		99
27) cis-1,2 Dichloroethene	9.48	96	390448	10.90	ug/l		97
28) Methyl Acrylate	9.94	55	155921	9.88	ug/l		97
29) Ethyl tertiary-butyl ether	9.94	59	569685	9.65	ug/l		98
30) 2,2-Dichloropropane	9.91	77	239831	9.54	ug/l		99
31) Bromochloromethane	9.72	128	156170	9.54	ug/l		89
32) Tetrahydrofuran	10.35	42	41897	9.09	ug/l		100
33) Chloroform	9.80	83	479900	10.10	ug/l		98
35) 1-Chlorobutane	10.95	56	442353	10.43	ug/l		99
36) 1,1,1-Trichloroethane	10.95	97	344462	10.22	ug/l		97
37) 1,1-Dichloropropene	11.25	75	320705	9.97	ug/l		98
38) Cyclohexane	11.38	56	316207	10.37	ug/l		97
39) Carbon Tetrachloride	11.52	117	293049	10.18	ug/l		99
40) Benzene	11.59	78	1125785	10.21	ug/l		100
42) 1,2-Dichloroethane	10.82	62	241867	10.38	ug/l		98
43) Tertiary-amyl methyl ether	11.87	73	438492	9.53	ug/l		93
44) Trichloroethene	12.60	95	1721200	55.78	ug/l		98
45) 1,2-Dichloropropane	12.53	63	298005	10.52	ug/l		100
46) Dibromomethane	12.47	93	182011	9.33	ug/l		93
47) 2-Nitropropane	12.63	43	30725	8.84	ug/l		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337498.D Vial: 22
Acq On : 3 Dec 2009 7:33 pm Operator: MD
Sample : BL90309-MS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:36 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

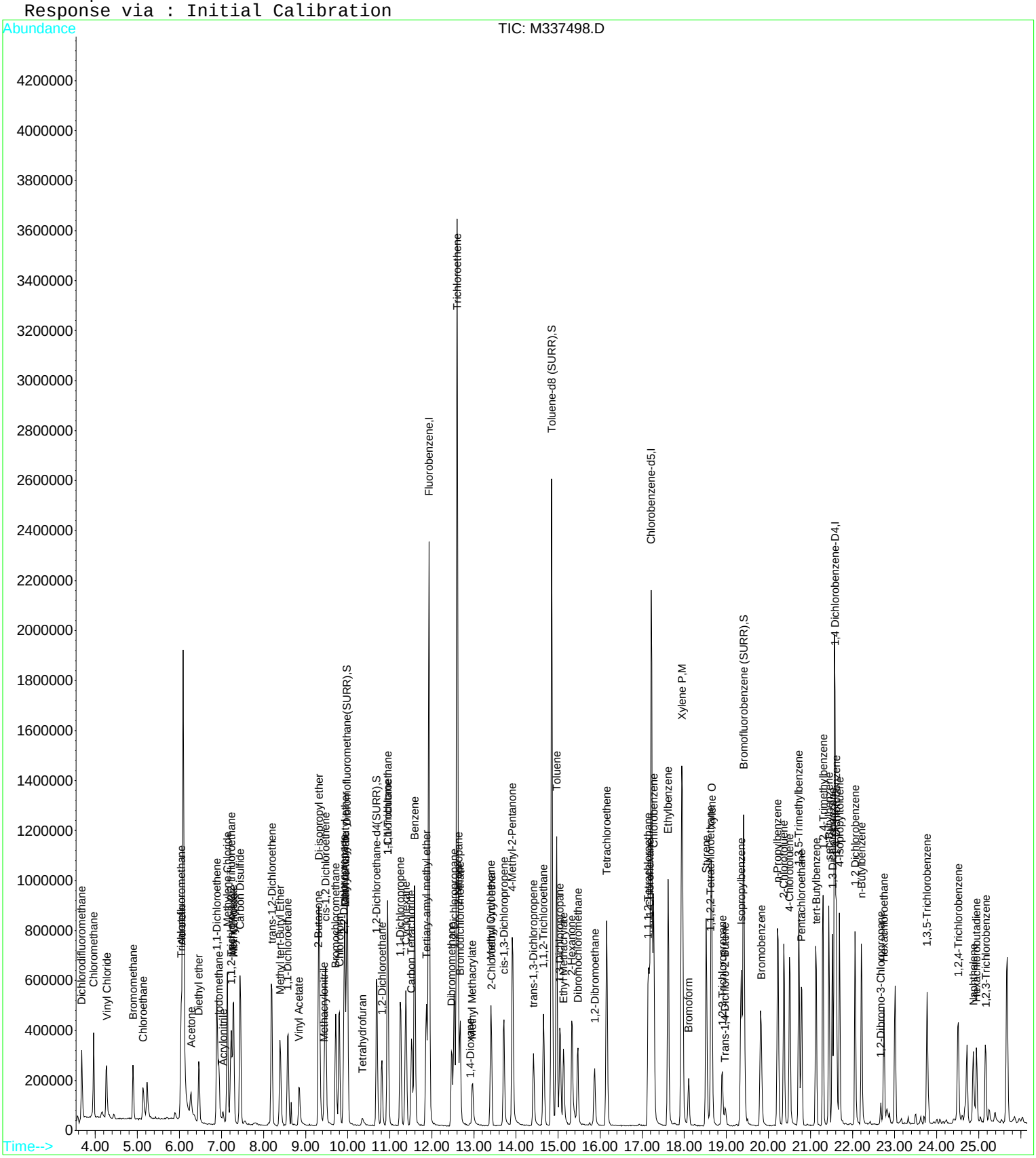
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.68	83	354607	10.69	ug/l		97
49)	1,4-Dioxane	12.91	88	13716	180.91	ug/l		87
50)	Methyl Methacrylate	12.96	41	157401	9.79	ug/l		94
51)	2-Chloroethyl vinyl ether	13.42	63	2940	1.77	ug/l	#	25
52)	Methyl Cyclohexane	13.40	83	245318	10.21	ug/l		97
53)	4-Methyl-2-Pentanone	13.91	58	302294	49.33	ug/l		98
54)	cis-1,3-Dichloropropene	13.72	75	340299	9.69	ug/l		97
55)	trans-1,3-Dichloropropene	14.42	75	218093	8.44	ug/l		96
56)	1,1,2-Trichloroethane	14.65	83	193192	9.84	ug/l		91
57)	Toluene	14.97	92	722222	10.14	ug/l		98
60)	Ethyl Methacrylate	15.13	69	217113	10.49	ug/l		94
61)	2-Hexanone	15.32	43	582172	50.51	ug/l		99
62)	1,3-Dichloropropane	15.04	76	354072	10.35	ug/l		98
63)	Tetrachloroethene	16.16	164	272320	14.86	ug/l		98
64)	Dibromochloromethane	15.47	129	249453	9.55	ug/l		99
65)	1,2-Dibromoethane	15.87	107	234060	9.62	ug/l		100
66)	1-Chlorohexane	17.18	91	258610	10.35	ug/l		95
67)	Chlorobenzene	17.27	112	771193	9.87	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.14	131	227285	9.86	ug/l		97
69)	Ethylbenzene	17.61	91	1096495	10.09	ug/l		99
70)	Xylene P,M	17.94	106	861387	20.15	ug/l		94
71)	Xylene O	18.65	106	426537	9.86	ug/l		96
72)	Styrene	18.52	104	696865	9.90	ug/l		95
73)	Bromoform	18.10	173	136089	8.94	ug/l		97
77)	Trans-1,4-Dichloro-2-Buten	18.97	53	27823	8.38	ug/l		83
78)	1,2,3-Trichloropropane	18.91	75	161454	10.02	ug/l		96
79)	Isopropylbenzene	19.35	105	740506	8.84	ug/l		99
80)	Bromobenzene	19.83	156	268300	10.19	ug/l		99
81)	1,1,2,2-Tetrachloroethane	18.62	83	267256	10.04	ug/l		99
82)	n-Propylbenzene	20.22	91	945146	10.19	ug/l		99
83)	2-Chlorotoluene	20.37	91	666106	10.11	ug/l		100
84)	4-Chlorotoluene	20.50	91	697373	10.21	ug/l		99
85)	1,3,5-Trimethylbenzene	20.72	105	658432	10.15	ug/l		98
86)	Pentachloroethane	20.78	119	164483	9.89	ug/l		92
87)	tert-Butylbenzene	21.14	119	483809	10.15	ug/l		96
88)	1,2,4-Trimethylbenzene	21.30	105	714239	10.24	ug/l		97
89)	sec-Butylbenzene	21.44	105	820450	10.86	ug/l		99
90)	1,3 Dichlorobenzene	21.53	146	404179	9.88	ug/l		95
91)	4-Isopropyltoluene	21.69	119	590788	9.77	ug/l		98
92)	1,4 Dichlorobenzene	21.61	146	441877	9.80	ug/l		97
93)	n-Butylbenzene	22.21	91	578123	10.84	ug/l		98
94)	1,2 Dichlorobenzene	22.06	146	394775	9.99	ug/l		97
95)	1,2-Dibromo-3-Chloropropan	22.67	75	24466	10.20	ug/l	#	72
96)	Hexachloroethane	22.74	117	133149	10.49	ug/l		92
97)	1,3,5-Trichlorobenzene	23.77	180	230096	10.28	ug/l		99
98)	1,2,4-Trichlorobenzene	24.51	180	189176	9.47	ug/l		97
99)	Hexachlorobutadiene	24.95	225	90634	10.56	ug/l		99
100)	Naphthalene	24.87	128	348220	9.65	ug/l		100
101)	1,2,3-Trichlorobenzene	25.17	180	151848	9.70	ug/l		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337498.D Vial: 22
Acq On : 3 Dec 2009 7:33 pm Operator: MD
Sample : BL90309-MS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:36 2009 Quant Results File: AQ110909.RES

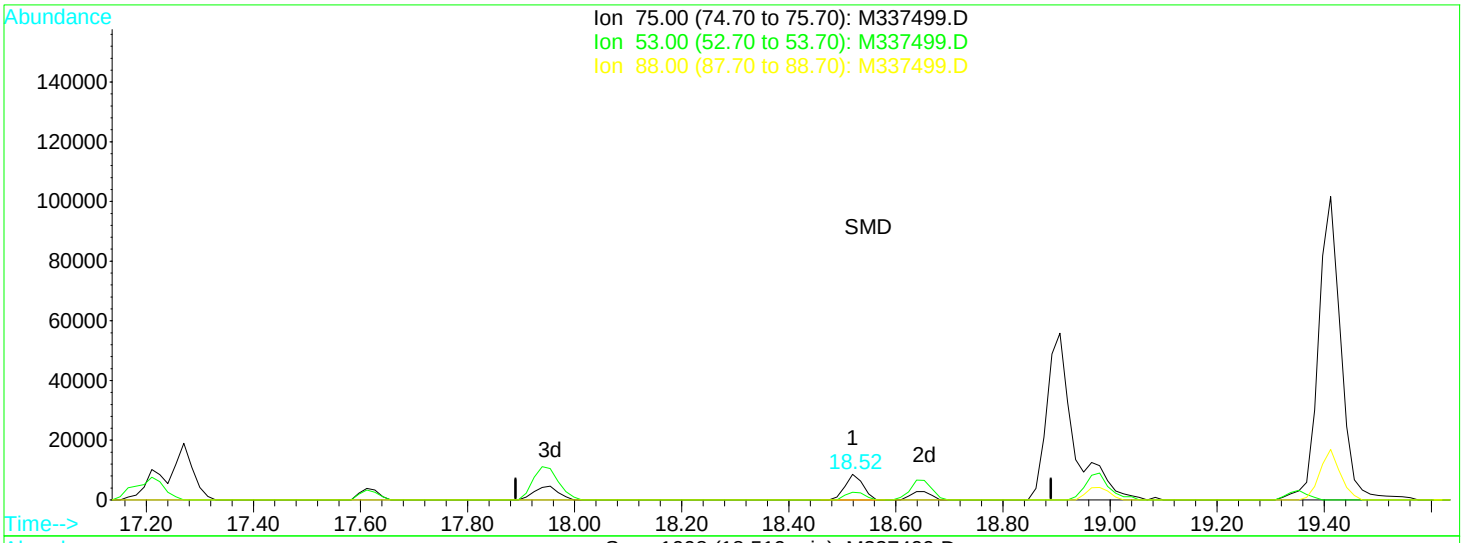
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

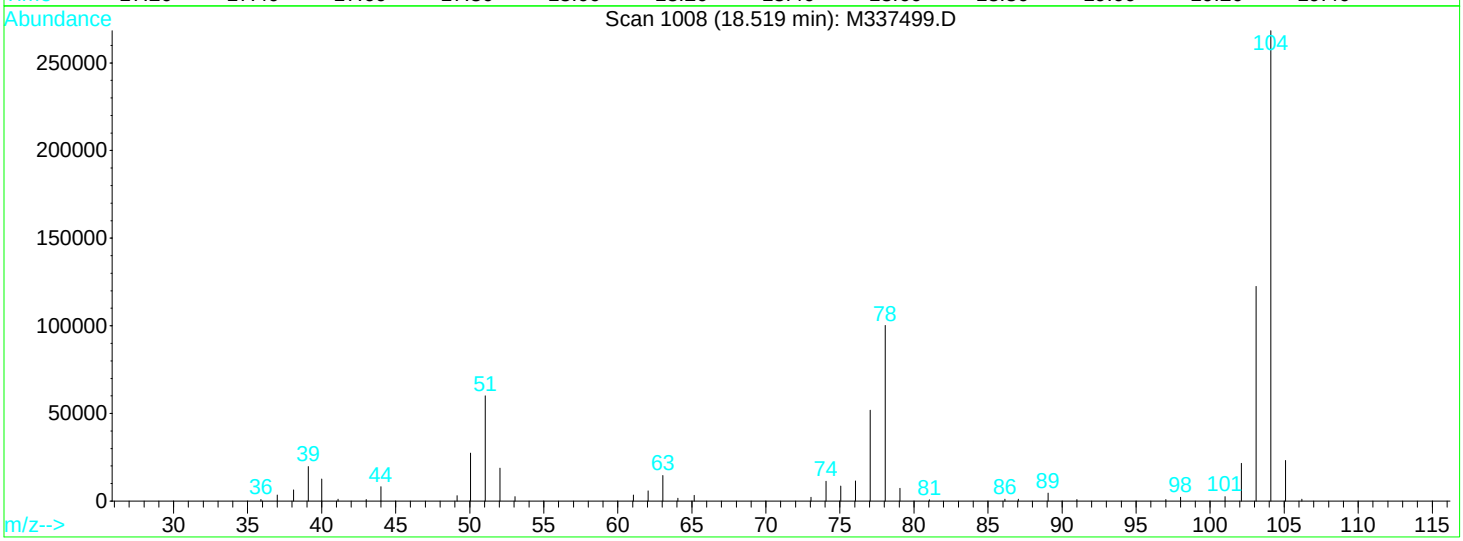


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337499.D Vial: 23
Acq On : 3 Dec 2009 8:05 pm Operator: MD
Sample : BL90309-MSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 20:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337499.D

(74) cis-1,4-Dichloro-2-butene

18.52min 6.63ug/l

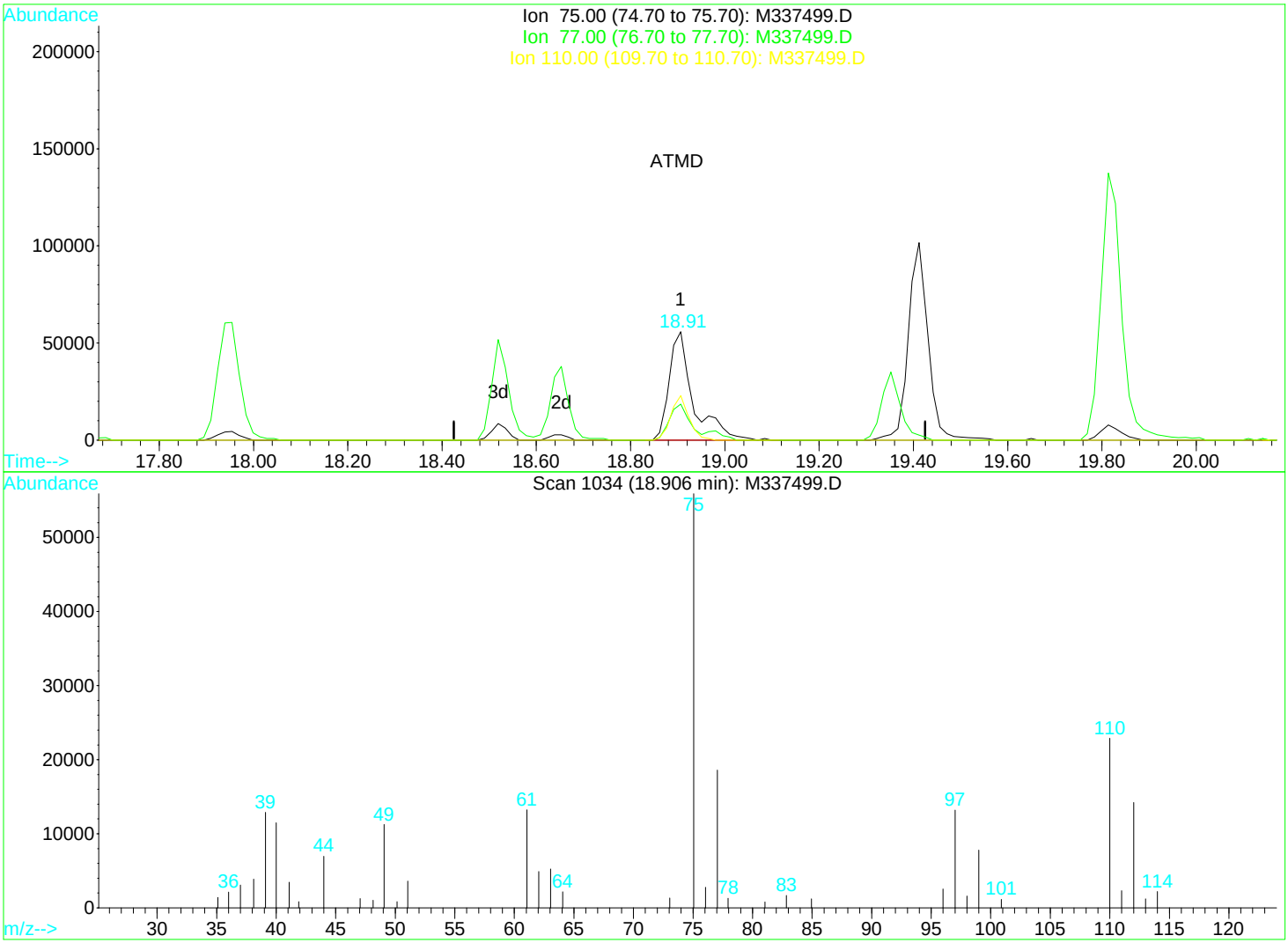
response 20101

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	30.36#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337499.D Vial: 23
Acq On : 3 Dec 2009 8:05 pm Operator: MD
Sample : BL90309-MSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:37 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337499.D

(78) 1,2,3-Trichloropropane

18.91min 11.89ug/l

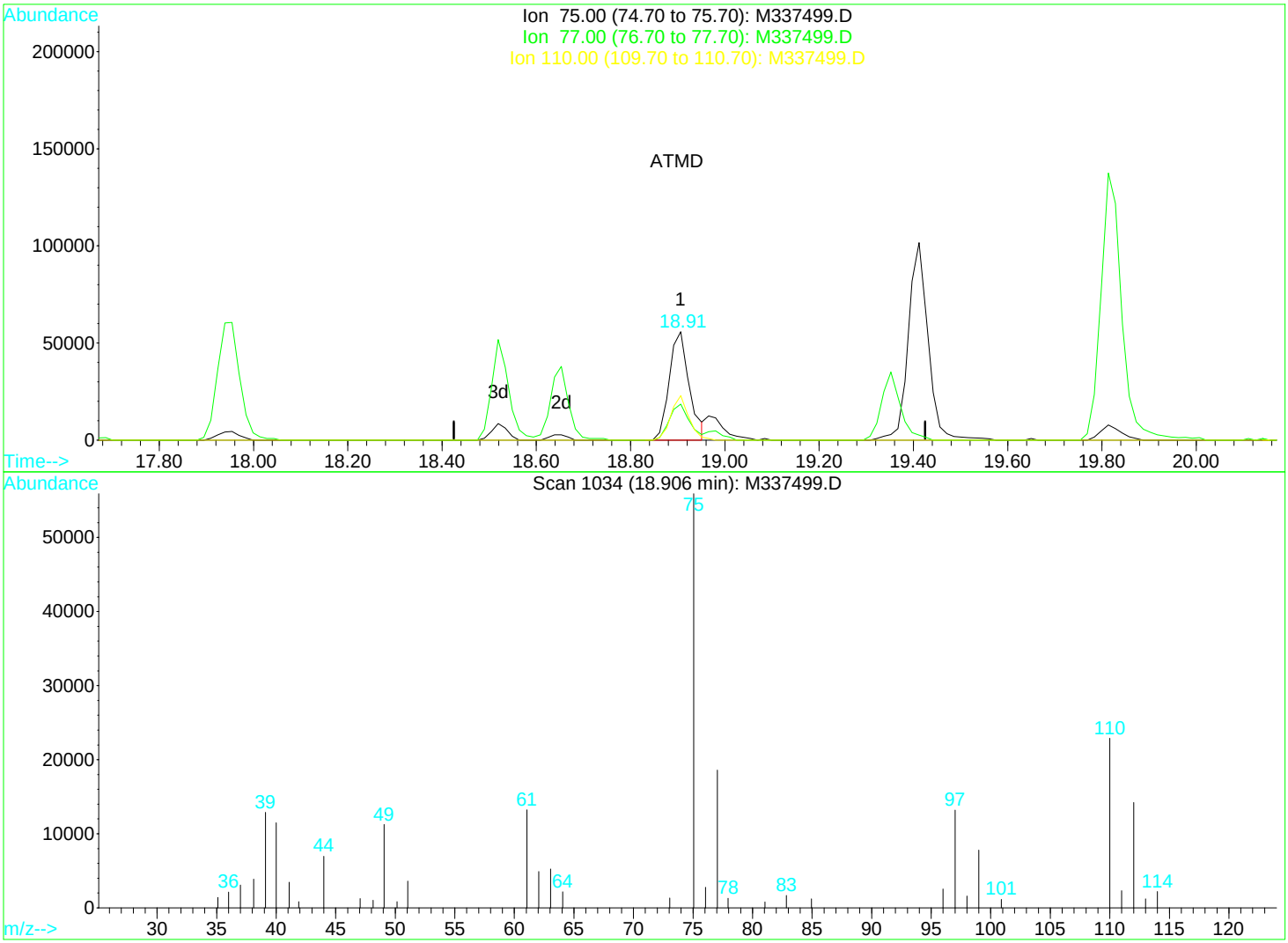
response 199763

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	33.27
110.00	36.70	40.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337499.D Vial: 23
Acq On : 3 Dec 2009 8:05 pm Operator: MD
Sample : BL90309-MSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:37 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337499.D

(78) 1,2,3-Trichloropropane

18.91min 9.84ug/l m

response 165344

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	33.27
110.00	36.70	40.93
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337499.D Vial: 23
Acq On : 3 Dec 2009 8:05 pm Operator: MD
Sample : BL90309-MSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:37 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.93	96	2890468	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.23	117	1998021	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.58	152	745388	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.98	111	834764	23.38	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.52%			
41) 1,2-Dichloroethane-d4(SURR	10.68	65	472846	24.16	ug/l	-0.03
Spiked Amount 25.000			Recovery = 96.64%			
59) Toluene-d8 (SURR)	14.85	98	2469077	23.97	ug/l	-0.03
Spiked Amount 25.000			Recovery = 95.88%			
75) Bromofluorobenzene (SURR)	19.41	95	837237	23.68	ug/l	-0.02
Spiked Amount 25.000			Recovery = 94.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.68	85	261253	10.56	ug/l	97
3) Chloromethane	3.96	50	324362	10.81	ug/l	99
4) Vinyl Chloride	4.27	62	270263	10.97	ug/l	99
5) Bromomethane	4.89	94	165067	9.61	ug/l	98
6) Chloroethane	5.13	64	156912	11.36	ug/l	98
7) Trichlorofluoromethane	6.04	101	487497	14.70	ug/l	98
8) Diethyl ether	6.46	59	168553	10.42	ug/l	99
9) Acrolein	6.05	56	19557	10.23	ug/l	78
10) Acetone	6.28	58	56392	47.39	ug/l	93
11) Iodomethane	6.93	142	386104	10.46	ug/l	97
12) 1,1,2-Trichloro-1,2,2-trif	7.23	101	261131	10.16	ug/l	95
13) Methyl Acetate	7.27	43	135057	9.68	ug/l	94
14) Allyl Chloride	7.29	41	448255	10.01	ug/l	91
15) Carbon Disulfide	7.44	76	1066406	11.36	ug/l	99
16) 1,1-Dichloroethene	6.89	96	283009	10.47	ug/l	94
17) Methylene Chloride	7.14	84	366390	10.85	ug/l	98
18) Methyl tert-Butyl Ether	8.39	73	393471	9.92	ug/l	97
19) Acrylonitrile	7.04	53	59003	9.99	ug/l	93
20) trans-1,2-Dichloroethene	8.20	96	321383	10.71	ug/l	93
21) 1,1-Dichloroethane	8.58	63	480839	10.54	ug/l	97
22) Vinyl Acetate	8.85	43	383856	8.81	ug/l	98
24) 2-Butanone	9.31	72	64542	47.09	ug/l #	1
25) Di-isopropyl ether	9.31	45	983670	10.36	ug/l	90
26) Methacrylonitrile	9.43	41	112896	9.26	ug/l	91
27) cis-1,2 Dichloroethene	9.48	96	385939	11.03	ug/l	95
28) Methyl Acrylate	9.94	55	162699	10.57	ug/l	94
29) Ethyl tertiary-butyl ether	9.94	59	564814	9.80	ug/l	95
30) 2,2-Dichloropropane	9.91	77	239297	9.75	ug/l	98
31) Bromochloromethane	9.71	128	155366	9.72	ug/l	86
32) Tetrahydrofuran	10.35	42	44742	9.95	ug/l	87
33) Chloroform	9.80	83	474993	10.24	ug/l	99
35) 1-Chlorobutane	10.95	56	438412	10.59	ug/l	99
36) 1,1,1-Trichloroethane	10.95	97	345533	10.50	ug/l	98
37) 1,1-Dichloropropene	11.26	75	321415	10.23	ug/l	99
38) Cyclohexane	11.38	56	308011	10.35	ug/l	94
39) Carbon Tetrachloride	11.51	117	287905	10.24	ug/l	100
40) Benzene	11.59	78	1096325	10.19	ug/l	100
42) 1,2-Dichloroethane	10.81	62	236228	10.39	ug/l	97
43) Tertiary-amyl methyl ether	11.87	73	436058	9.71	ug/l	92
44) Trichloroethene	12.60	95	1692200	56.18	ug/l	99
45) 1,2-Dichloropropane	12.53	63	288671	10.44	ug/l	99
46) Dibromomethane	12.47	93	181911	9.55	ug/l	91
47) 2-Nitropropane	12.63	43	27829	8.22	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337499.D Vial: 23
Acq On : 3 Dec 2009 8:05 pm Operator: MD
Sample : BL90309-MSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:37 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

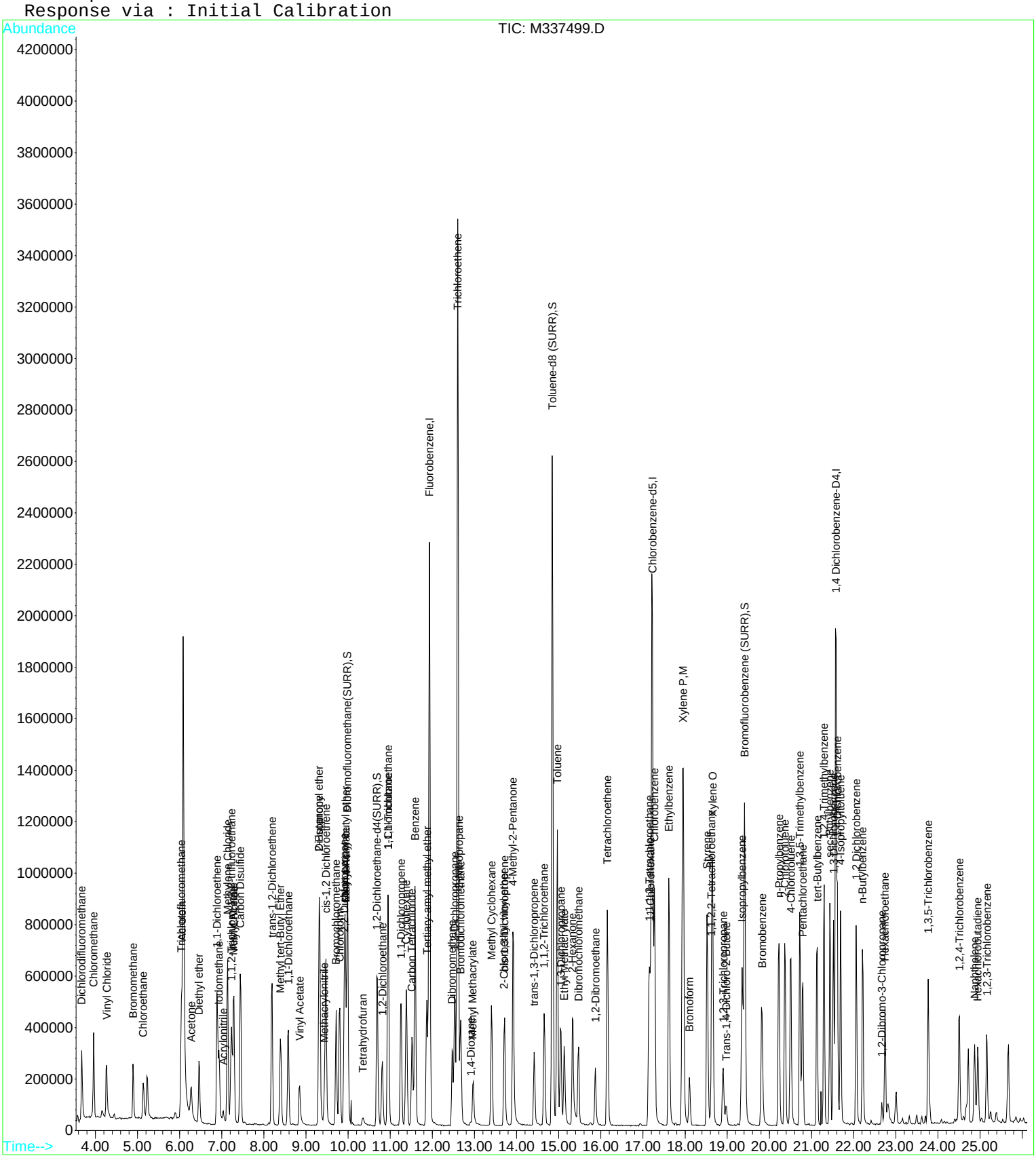
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.67	83	347596	10.73	ug/l		98
49)	1,4-Dioxane	12.91	88	18706	238.51	ug/l		73
50)	Methyl Methacrylate	12.96	41	161535	10.29	ug/l		93
51)	2-Chloroethyl vinyl ether	13.70	63	3383	2.09	ug/l	#	45
52)	Methyl Cyclohexane	13.40	83	242647	10.35	ug/l		97
53)	4-Methyl-2-Pentanone	13.91	58	309406	51.72	ug/l		98
54)	cis-1,3-Dichloropropene	13.72	75	336227	9.81	ug/l		94
55)	trans-1,3-Dichloropropene	14.41	75	217729	8.63	ug/l		96
56)	1,1,2-Trichloroethane	14.65	83	194308	10.14	ug/l		94
57)	Toluene	14.96	92	724430	10.42	ug/l		99
60)	Ethyl Methacrylate	15.13	69	224819	10.66	ug/l		94
61)	2-Hexanone	15.32	43	583440	49.92	ug/l		96
62)	1,3-Dichloropropane	15.05	76	345406	9.93	ug/l		99
63)	Tetrachloroethene	16.15	164	275824	14.81	ug/l		98
64)	Dibromochloromethane	15.47	129	243115	9.16	ug/l		99
65)	1,2-Dibromoethane	15.87	107	233694	9.45	ug/l		100
66)	1-Chlorohexane	17.18	91	250593	9.87	ug/l		95
67)	Chlorobenzene	17.27	112	786469	9.90	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.15	131	227186	9.70	ug/l		95
69)	Ethylbenzene	17.61	91	1122279	10.16	ug/l		99
70)	Xylene P,M	17.95	106	876273	20.17	ug/l		100
71)	Xylene O	18.65	106	439038	9.99	ug/l		96
72)	Styrene	18.52	104	708995	9.91	ug/l		91
73)	Bromoform	18.10	173	136201	8.81	ug/l		99
77)	Trans-1,4-Dichloro-2-Buten	18.98	53	27884	8.15	ug/l	#	77
78)	1,2,3-Trichloropropane	18.91	75	165344m	9.84	ug/l		
79)	Isopropylbenzene	19.35	105	747990	8.57	ug/l		100
80)	Bromobenzene	19.83	156	270538	9.86	ug/l		97
81)	1,1,2,2-Tetrachloroethane	18.62	83	271996	9.80	ug/l		98
82)	n-Propylbenzene	20.23	91	947925	9.80	ug/l		97
83)	2-Chlorotoluene	20.36	91	686523	10.00	ug/l		97
84)	4-Chlorotoluene	20.51	91	691675	9.71	ug/l		93
85)	1,3,5-Trimethylbenzene	20.72	105	675067	9.98	ug/l		99
86)	Pentachloroethane	20.80	119	164403	9.48	ug/l		92
87)	tert-Butylbenzene	21.14	119	492653	9.92	ug/l		95
88)	1,2,4-Trimethylbenzene	21.30	105	715576	9.84	ug/l		98
89)	sec-Butylbenzene	21.43	105	831840	10.57	ug/l		97
90)	1,3 Dichlorobenzene	21.52	146	407577	9.55	ug/l		98
91)	4-Isopropyltoluene	21.69	119	602854	9.57	ug/l		96
92)	1,4 Dichlorobenzene	21.61	146	460545	9.80	ug/l		97
93)	n-Butylbenzene	22.21	91	572466	10.30	ug/l		98
94)	1,2 Dichlorobenzene	22.06	146	400331	9.71	ug/l		98
95)	1,2-Dibromo-3-Chloropropan	22.67	75	25472	10.18	ug/l		83
96)	Hexachloroethane	22.74	117	128212	9.69	ug/l		93
97)	1,3,5-Trichlorobenzene	23.77	180	244557	10.49	ug/l		97
98)	1,2,4-Trichlorobenzene	24.51	180	202253	9.71	ug/l		98
99)	Hexachlorobutadiene	24.94	225	91764	10.25	ug/l		97
100)	Naphthalene	24.87	128	365285	9.71	ug/l		100
101)	1,2,3-Trichlorobenzene	25.17	180	170362	10.44	ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337499.D Vial: 23
Acq On : 3 Dec 2009 8:05 pm Operator: MD
Sample : BL90309-MSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:37 2009 Quant Results File: AQ110909.RES

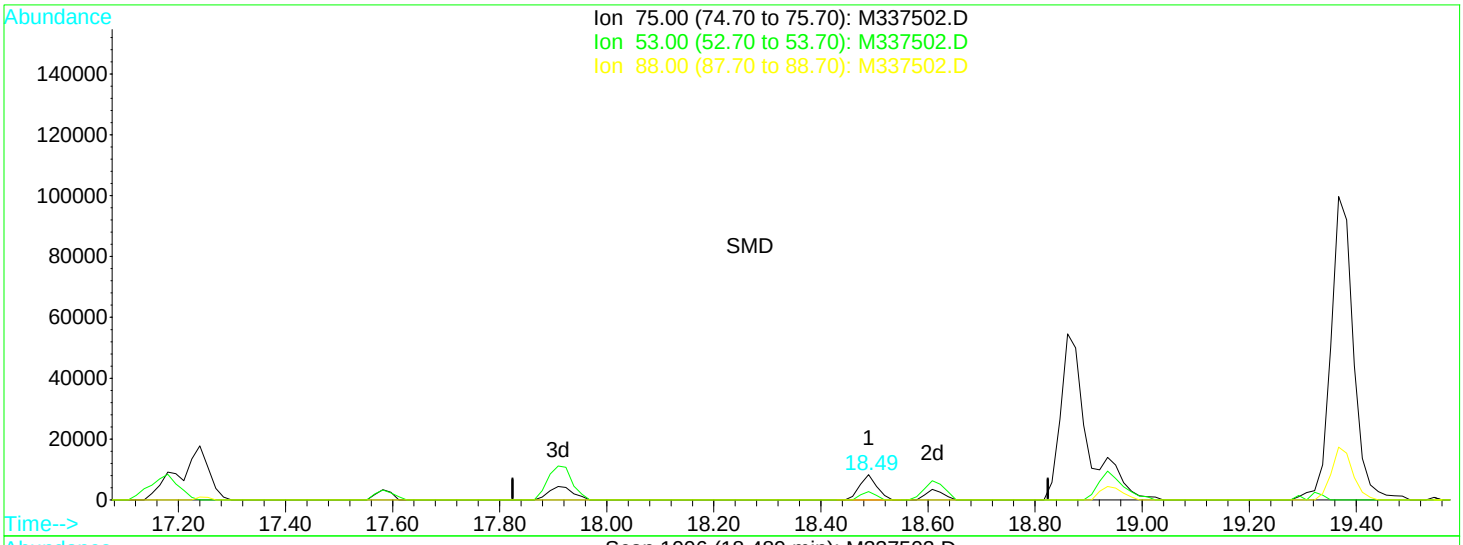
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

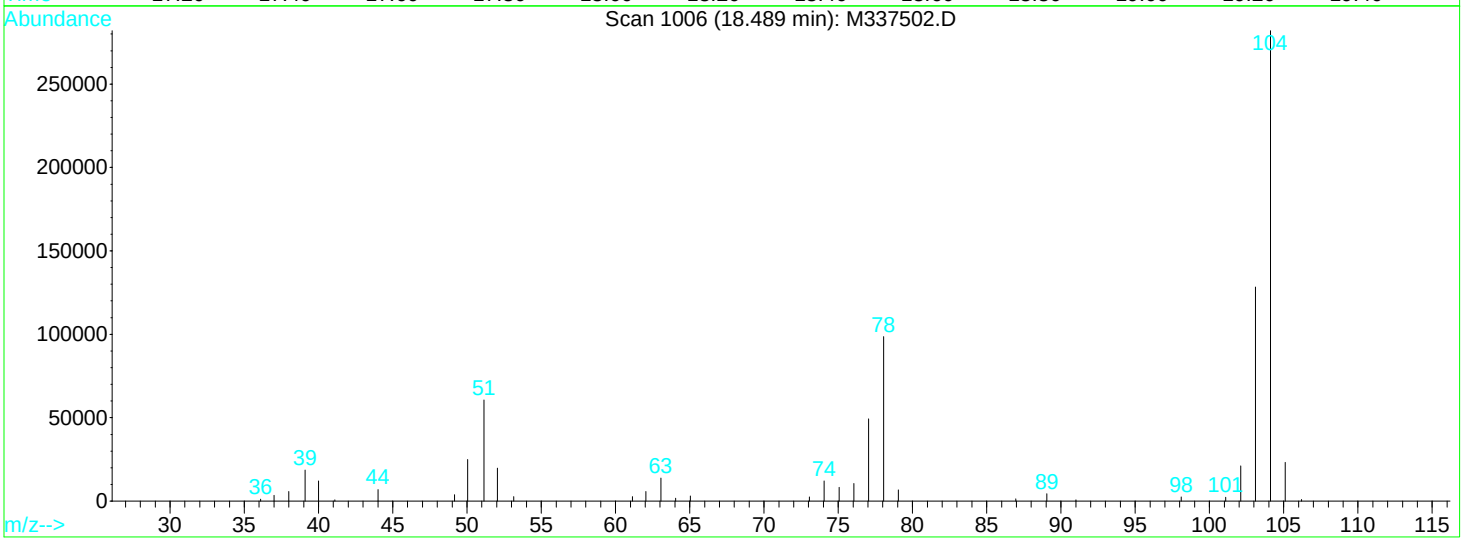


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337502.D

(74) cis-1,4-Dichloro-2-butene

18.49min 6.35ug/l

response 18333

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	33.03#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:50 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	3083593	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	2034314	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	735304	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	879768	23.10	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.40%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	484263	23.19	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.76%			
59) Toluene-d8 (SURR)	14.82	98	2507415	23.91	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.64%			
75) Bromofluorobenzene (SURR)	19.37	95	839824	23.33	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.66	85	243178	9.21	ug/l	98
3) Chloromethane	3.94	50	318646	9.95	ug/l	98
4) Vinyl Chloride	4.24	62	252631	9.61	ug/l	100
5) Bromomethane	4.88	94	173463	9.47	ug/l	99
6) Chloroethane	5.10	64	153276	10.40	ug/l	97
7) Trichlorofluoromethane	6.01	101	363276	10.27	ug/l	97
8) Diethyl ether	6.44	59	173398	10.04	ug/l	92
9) Acrolein	6.02	56	27746	13.01	ug/l	97
10) Acetone	6.25	58	73045	57.54	ug/l	96
11) Iodomethane	6.90	142	426868	10.84	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.20	101	255477	9.32	ug/l	98
13) Methyl Acetate	7.24	43	152584	10.25	ug/l	97
14) Allyl Chloride	7.26	41	481410	10.07	ug/l	92
15) Carbon Disulfide	7.41	76	1047837	10.46	ug/l	100
16) 1,1-Dichloroethene	6.86	96	281935	9.78	ug/l	96
17) Methylene Chloride	7.11	84	367322	10.19	ug/l	98
18) Methyl tert-Butyl Ether	8.36	73	399781	9.44	ug/l	98
19) Acrylonitrile	7.01	53	60547	9.62	ug/l	97
20) trans-1,2-Dichloroethene	8.17	96	327038	10.22	ug/l	92
21) 1,1-Dichloroethane	8.54	63	491583	10.10	ug/l	97
22) Vinyl Acetate	8.81	43	429203	9.23	ug/l	97
23) Chloroprene	9.12	53	5839	0.18	ug/l	72
24) 2-Butanone	9.27	72	71879	49.16	ug/l #	1
25) Di-isopropyl ether	9.28	45	1005502	9.93	ug/l	93
26) Methacrylonitrile	9.40	41	117013	9.00	ug/l	96
27) cis-1,2 Dichloroethene	9.45	96	356038	9.54	ug/l	94
28) Methyl Acrylate	9.91	55	157465	9.59	ug/l	99
29) Ethyl tertiary-butyl ether	9.89	59	579004	9.42	ug/l	98
30) 2,2-Dichloropropane	9.88	77	259329	9.90	ug/l	97
31) Bromochloromethane	9.68	128	157916	9.26	ug/l	92
32) Tetrahydrofuran	10.32	42	44141	9.20	ug/l	98
33) Chloroform	9.76	83	487972	9.86	ug/l	97
35) 1-Chlorobutane	10.92	56	441947	10.00	ug/l	96
36) 1,1,1-Trichloroethane	10.92	97	339809	9.68	ug/l	98
37) 1,1-Dichloropropene	11.22	75	313824	9.36	ug/l	97
38) Cyclohexane	11.35	56	316550	9.97	ug/l	96
39) Carbon Tetrachloride	11.48	117	287540	9.59	ug/l	100
40) Benzene	11.56	78	1140325	9.93	ug/l	100
42) 1,2-Dichloroethane	10.77	62	233730	9.63	ug/l	99
43) Tertiary-amyl methyl ether	11.84	73	453992	9.47	ug/l	96
44) Trichloroethene	12.57	95	310651	9.67	ug/l	99
45) 1,2-Dichloropropane	12.49	63	298171	10.11	ug/l	99
46) Dibromomethane	12.44	93	182917	9.00	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:50 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

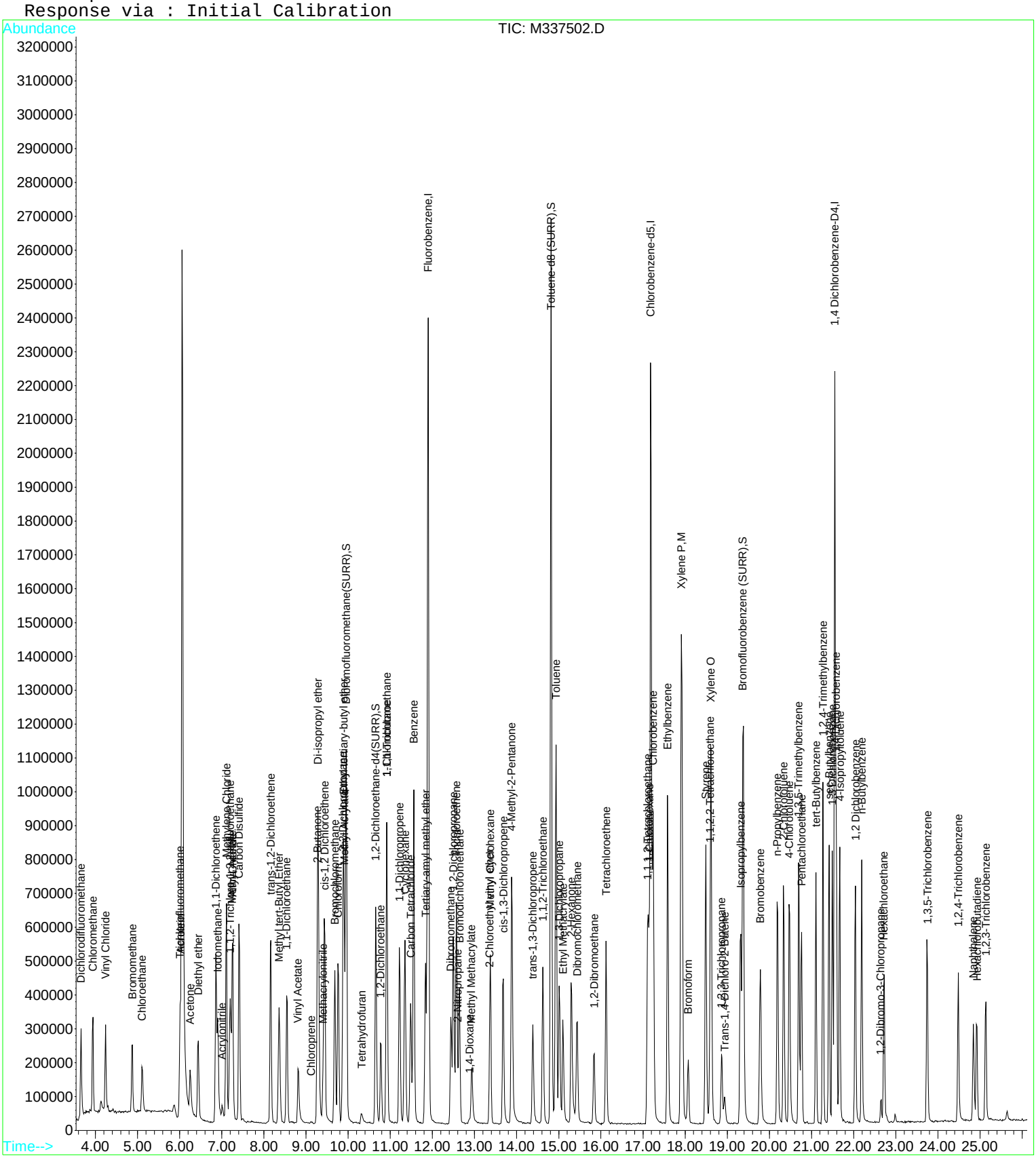
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.60	43	29557	8.18	ug/l	93
48)	Bromodichloromethane	12.64	83	343842	9.95	ug/l	96
49)	1,4-Dioxane	12.88	88	23571	275.23	ug/l	93
50)	Methyl Methacrylate	12.93	41	152772	9.12	ug/l	92
51)	2-Chloroethyl vinyl ether	13.36	63	17137	9.90	ug/l	66
52)	Methyl Cyclohexane	13.37	83	241400	9.65	ug/l	100
53)	4-Methyl-2-Pentanone	13.88	58	286933	44.96	ug/l	97
54)	cis-1,3-Dichloropropene	13.68	75	362600	9.91	ug/l	94
55)	trans-1,3-Dichloropropene	14.38	75	223930	8.32	ug/l	99
56)	1,1,2-Trichloroethane	14.62	83	196027	9.59	ug/l	97
57)	Toluene	14.93	92	716388	9.66	ug/l	99
60)	Ethyl Methacrylate	15.10	69	213847	10.07	ug/l	98
61)	2-Hexanone	15.29	43	587002	49.42	ug/l	98
62)	1,3-Dichloropropane	15.01	76	353153	9.97	ug/l	99
63)	Tetrachloroethene	16.12	164	179395	9.46	ug/l	99
64)	Dibromochloromethane	15.44	129	257066	9.52	ug/l	98
65)	1,2-Dibromoethane	15.84	107	238267	9.46	ug/l	99
66)	1-Chlorohexane	17.15	91	241642	9.35	ug/l	93
67)	Chlorobenzene	17.24	112	783065	9.68	ug/l	98
68)	1,1,1,2-Tetrachloroethane	17.11	131	227473	9.54	ug/l	98
69)	Ethylbenzene	17.58	91	1089251	9.68	ug/l	97
70)	Xylene P,M	17.91	106	864402	19.54	ug/l	100
71)	Xylene O	18.61	106	438565	9.80	ug/l	99
72)	Styrene	18.49	104	703852	9.67	ug/l	96
73)	Bromoform	18.07	173	138379	8.79	ug/l	98
77)	Trans-1,4-Dichloro-2-Buten	18.94	53	29949	8.65	ug/l	89
78)	1,2,3-Trichloropropane	18.86	75	162109	9.78	ug/l	98
79)	Isopropylbenzene	19.32	105	713218	8.28	ug/l	98
80)	Bromobenzene	19.78	156	270942	10.01	ug/l	95
81)	1,1,2,2-Tetrachloroethane	18.59	83	262401	9.59	ug/l	99
82)	n-Propylbenzene	20.18	91	910943	9.55	ug/l	99
83)	2-Chlorotoluene	20.33	91	660607	9.75	ug/l	99
84)	4-Chlorotoluene	20.47	91	680929	9.69	ug/l	98
85)	1,3,5-Trimethylbenzene	20.69	105	665841	9.98	ug/l	100
86)	Pentachloroethane	20.76	119	163170	9.54	ug/l	98
87)	tert-Butylbenzene	21.11	119	479709	9.79	ug/l	99
88)	1,2,4-Trimethylbenzene	21.27	105	706716	9.85	ug/l	99
89)	sec-Butylbenzene	21.42	105	799389	10.29	ug/l	99
90)	1,3 Dichlorobenzene	21.49	146	421040	10.01	ug/l	99
91)	4-Isopropyltoluene	21.67	119	601295	9.67	ug/l	98
92)	1,4 Dichlorobenzene	21.58	146	447096	9.65	ug/l	94
93)	n-Butylbenzene	22.19	91	578422	10.55	ug/l	99
94)	1,2 Dichlorobenzene	22.04	146	391308	9.63	ug/l	98
95)	1,2-Dibromo-3-Chloropropan	22.64	75	22791	9.24	ug/l	97
96)	Hexachloroethane	22.71	117	136324	10.44	ug/l	87
97)	1,3,5-Trichlorobenzene	23.75	180	257169	11.18	ug/l	99
98)	1,2,4-Trichlorobenzene	24.48	180	214397	10.44	ug/l	100
99)	Hexachlorobutadiene	24.93	225	99229	11.24	ug/l	99
100)	Naphthalene	24.84	128	355748	9.59	ug/l	100
101)	1,2,3-Trichlorobenzene	25.14	180	182175	11.32	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:50 2009 Quant Results File: AQ110909.RES

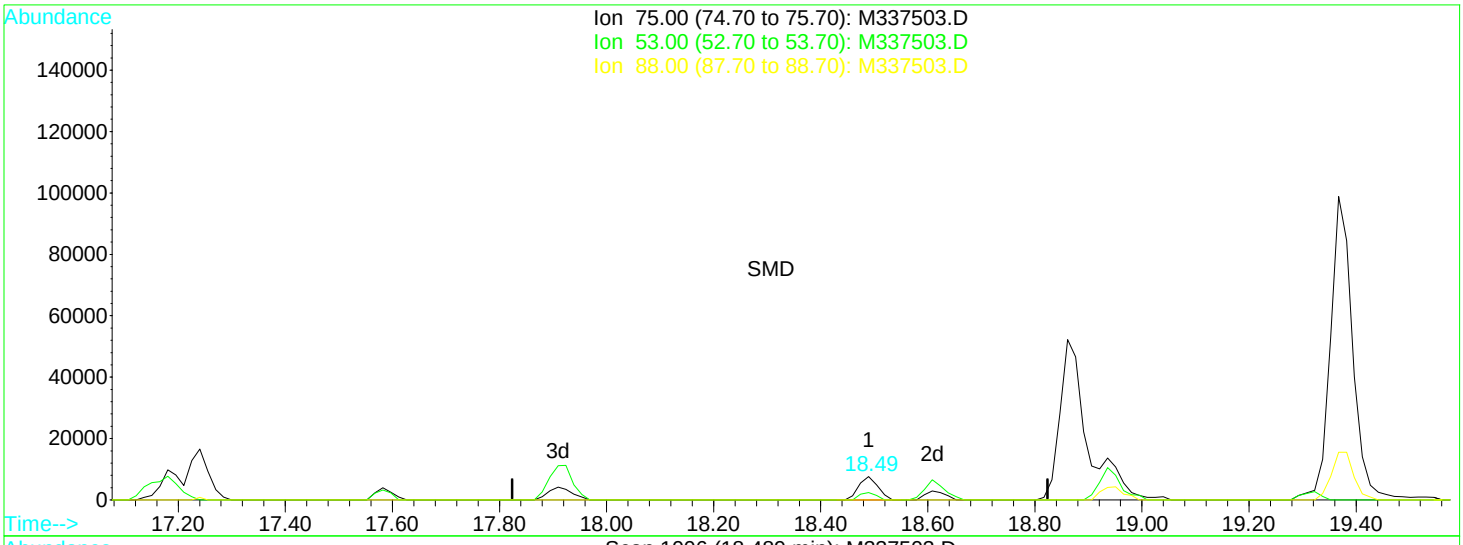
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

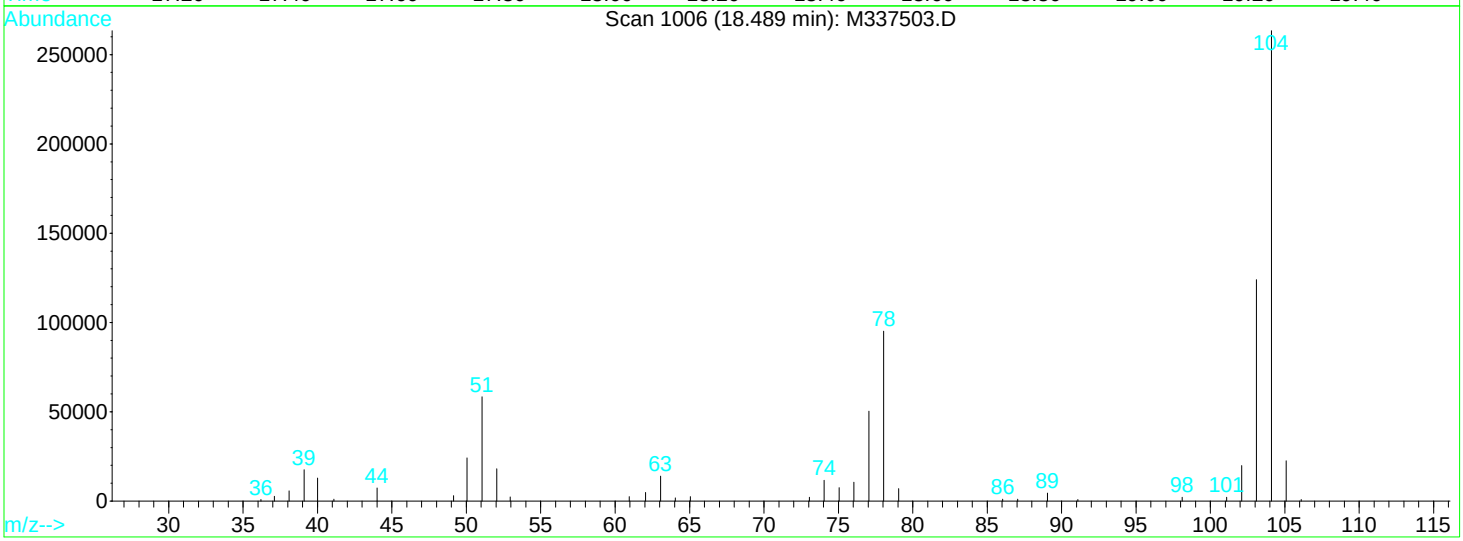


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:27 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337503.D

(74) cis-1,4-Dichloro-2-butene

18.49min 6.46ug/l

response 18806

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	31.65#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:51 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2965335	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	1990688	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	726839	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	831879	22.71	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.84%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	456690	22.74	ug/l	0.00
Spiked Amount 25.000			Recovery = 90.96%			
59) Toluene-d8 (SURR)	14.82	98	2428904	23.67	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.68%			
75) Bromofluorobenzene (SURR)	19.37	95	813225	23.09	ug/l	-0.01
Spiked Amount 25.000			Recovery = 92.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.66	85	245572	9.67	ug/l	99
3) Chloromethane	3.94	50	308948	10.03	ug/l	99
4) Vinyl Chloride	4.24	62	251885	9.97	ug/l	100
5) Bromomethane	4.86	94	170305	9.67	ug/l	99
6) Chloroethane	5.10	64	153641	10.84	ug/l	99
7) Trichlorofluoromethane	6.01	101	342183	10.06	ug/l	95
8) Diethyl ether	6.43	59	160954	9.70	ug/l	98
9) Acrolein	6.03	56	25345	12.45	ug/l	95
10) Acetone	6.25	58	73371	60.11	ug/l	96
11) Iodomethane	6.90	142	392445	10.36	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.20	101	249933	9.48	ug/l	98
13) Methyl Acetate	7.24	43	133718	9.34	ug/l	99
14) Allyl Chloride	7.26	41	439252	9.56	ug/l	91
15) Carbon Disulfide	7.41	76	1022338	10.62	ug/l	99
16) 1,1-Dichloroethene	6.86	96	266984	9.63	ug/l	95
17) Methylene Chloride	7.11	84	349264	10.08	ug/l	98
18) Methyl tert-Butyl Ether	8.36	73	369712	9.08	ug/l	98
19) Acrylonitrile	7.01	53	57929	9.58	ug/l	93
20) trans-1,2-Dichloroethene	8.15	96	307288	9.98	ug/l	100
21) 1,1-Dichloroethane	8.54	63	464942	9.94	ug/l	97
22) Vinyl Acetate	8.81	43	410600	9.19	ug/l	97
24) 2-Butanone	9.27	72	68055	48.40	ug/l #	10
25) Di-isopropyl ether	9.28	45	928888	9.54	ug/l	90
26) Methacrylonitrile	9.40	41	110254	8.82	ug/l	99
27) cis-1,2 Dichloroethene	9.43	96	335828	9.36	ug/l	95
28) Methyl Acrylate	9.91	55	153225	9.70	ug/l	99
29) Ethyl tertiary-butyl ether	9.89	59	537634	9.10	ug/l	97
30) 2,2-Dichloropropane	9.88	77	236831	9.41	ug/l	94
31) Bromochloromethane	9.68	128	151428	9.23	ug/l	94
32) Tetrahydrofuran	10.31	42	43745	9.48	ug/l	76
33) Chloroform	9.76	83	458633	9.64	ug/l	99
35) 1-Chlorobutane	10.92	56	409326	9.63	ug/l	96
36) 1,1,1-Trichloroethane	10.92	97	322608	9.56	ug/l	99
37) 1,1-Dichloropropene	11.22	75	301980	9.37	ug/l	96
38) Cyclohexane	11.35	56	290182	9.50	ug/l	98
39) Carbon Tetrachloride	11.48	117	273031	9.47	ug/l	99
40) Benzene	11.56	78	1072184	9.71	ug/l	100
42) 1,2-Dichloroethane	10.77	62	224489	9.62	ug/l	95
43) Tertiary-amyl methyl ether	11.84	73	426423	9.25	ug/l	95
44) Trichloroethene	12.57	95	296090	9.58	ug/l	98
45) 1,2-Dichloropropane	12.50	63	278418	9.81	ug/l	99
46) Dibromomethane	12.44	93	173315	8.87	ug/l	98
47) 2-Nitropropane	12.60	43	29444	8.47	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:51 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

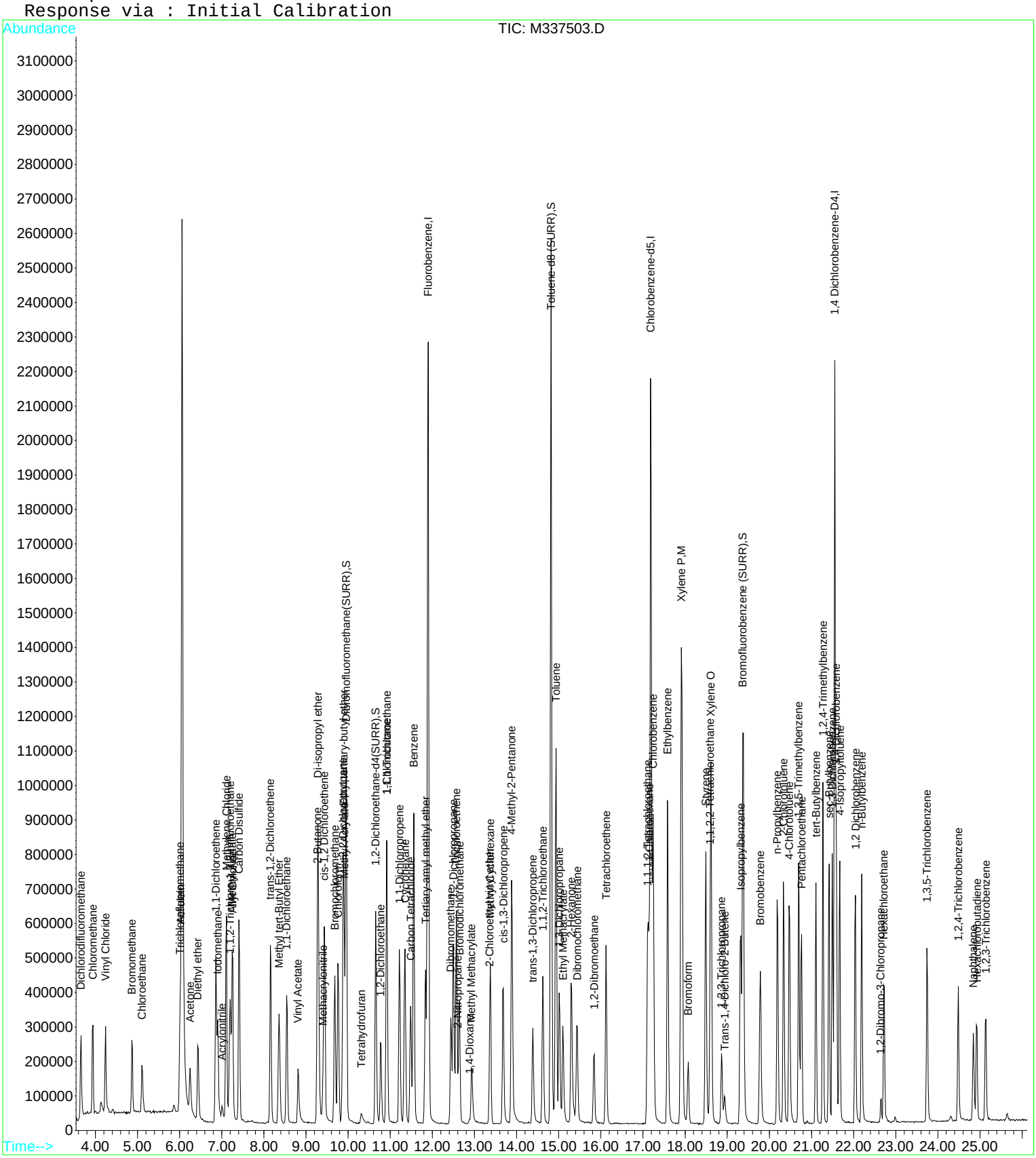
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.64	83	321564	9.68	ug/l		96
49)	1,4-Dioxane	12.88	88	20357	250.83	ug/l		83
50)	Methyl Methacrylate	12.93	41	148940	9.25	ug/l		97
51)	2-Chloroethyl vinyl ether	13.36	63	15654	9.40	ug/l		76
52)	Methyl Cyclohexane	13.37	83	231054	9.60	ug/l		99
53)	4-Methyl-2-Pentanone	13.88	58	275726	44.92	ug/l		99
54)	cis-1,3-Dichloropropene	13.69	75	331652	9.43	ug/l		94
55)	trans-1,3-Dichloropropene	14.38	75	208010	8.03	ug/l		95
56)	1,1,2-Trichloroethane	14.62	83	184018	9.36	ug/l		95
57)	Toluene	14.93	92	691885	9.70	ug/l		97
60)	Ethyl Methacrylate	15.10	69	201651	9.77	ug/l		96
61)	2-Hexanone	15.29	43	563484	48.63	ug/l		99
62)	1,3-Dichloropropane	15.01	76	329295	9.50	ug/l		99
63)	Tetrachloroethene	16.12	164	173350	9.34	ug/l		98
64)	Dibromochloromethane	15.44	129	239398	9.06	ug/l		99
65)	1,2-Dibromoethane	15.84	107	222086	9.02	ug/l		99
66)	1-Chlorohexane	17.15	91	233126	9.22	ug/l		97
67)	Chlorobenzene	17.24	112	751829	9.50	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.11	131	217753	9.33	ug/l		100
69)	Ethylbenzene	17.58	91	1054025	9.58	ug/l		100
70)	Xylene P,M	17.91	106	820319	18.95	ug/l		96
71)	Xylene O	18.61	106	425596	9.72	ug/l		98
72)	Styrene	18.49	104	666681	9.36	ug/l		94
73)	Bromoform	18.07	173	133059	8.64	ug/l		96
77)	Trans-1,4-Dichloro-2-Buten	18.94	53	28722	8.47	ug/l	#	76
78)	1,2,3-Trichloropropane	18.86	75	158617	9.68	ug/l		98
79)	Isopropylbenzene	19.32	105	690793	8.11	ug/l		97
80)	Bromobenzene	19.78	156	261013	9.76	ug/l		94
81)	1,1,2,2-Tetrachloroethane	18.59	83	250367	9.25	ug/l		97
82)	n-Propylbenzene	20.19	91	880304	9.34	ug/l		99
83)	2-Chlorotoluene	20.33	91	641573	9.58	ug/l		99
84)	4-Chlorotoluene	20.47	91	662272	9.54	ug/l		100
85)	1,3,5-Trimethylbenzene	20.69	105	644023	9.77	ug/l		99
86)	Pentachloroethane	20.77	119	160926	9.52	ug/l		99
87)	tert-Butylbenzene	21.11	119	452858	9.35	ug/l		97
88)	1,2,4-Trimethylbenzene	21.27	105	678338	9.57	ug/l		99
89)	sec-Butylbenzene	21.42	105	757036	9.86	ug/l		99
90)	1,3 Dichlorobenzene	21.49	146	408888	9.83	ug/l		98
91)	4-Isopropyltoluene	21.67	119	571483	9.30	ug/l		98
92)	1,4 Dichlorobenzene	21.58	146	432575	9.44	ug/l		95
93)	n-Butylbenzene	22.19	91	547829	10.11	ug/l		96
94)	1,2 Dichlorobenzene	22.04	146	383183	9.54	ug/l		99
95)	1,2-Dibromo-3-Chloropropan	22.64	75	21739	8.91	ug/l		88
96)	Hexachloroethane	22.71	117	124398	9.64	ug/l		87
97)	1,3,5-Trichlorobenzene	23.74	180	235191	10.34	ug/l		95
98)	1,2,4-Trichlorobenzene	24.48	180	193682	9.54	ug/l		99
99)	Hexachlorobutadiene	24.93	225	95861	10.99	ug/l		98
100)	Naphthalene	24.84	128	320176	8.73	ug/l		100
101)	1,2,3-Trichlorobenzene	25.14	180	163761	10.29	ug/l		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:51 2009 Quant Results File: AQ110909.RES

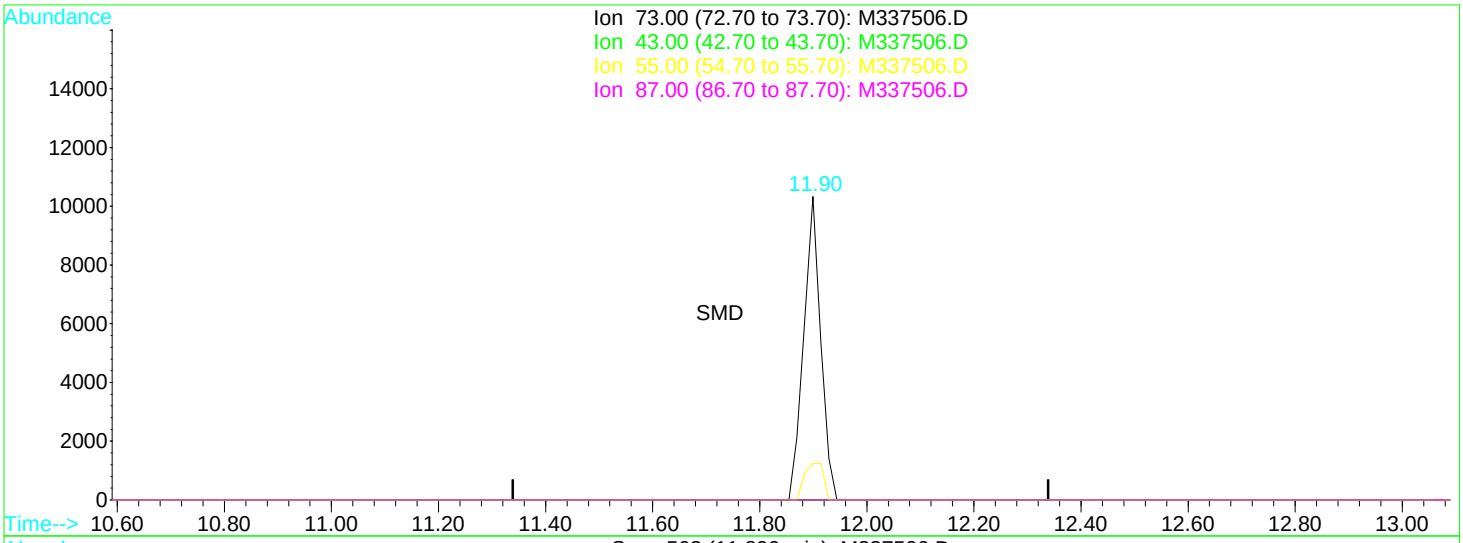
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

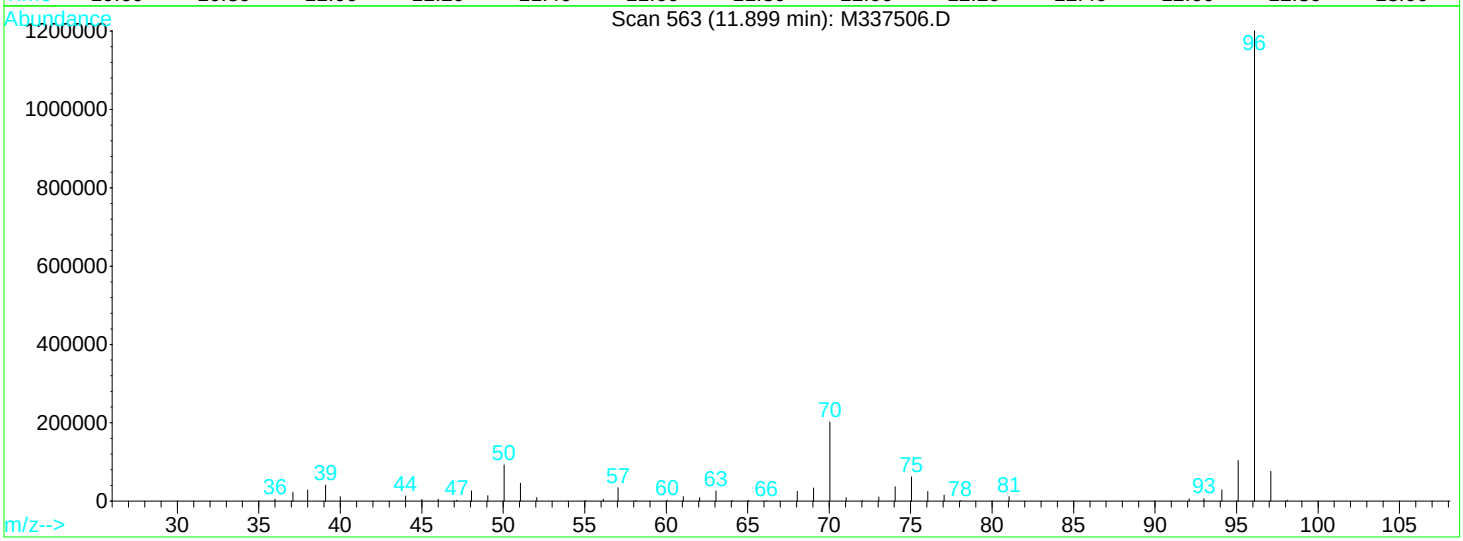


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 11:53 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337506.D

(43) Tertiary-amyl methyl ether

11.90min 0.51ug/l

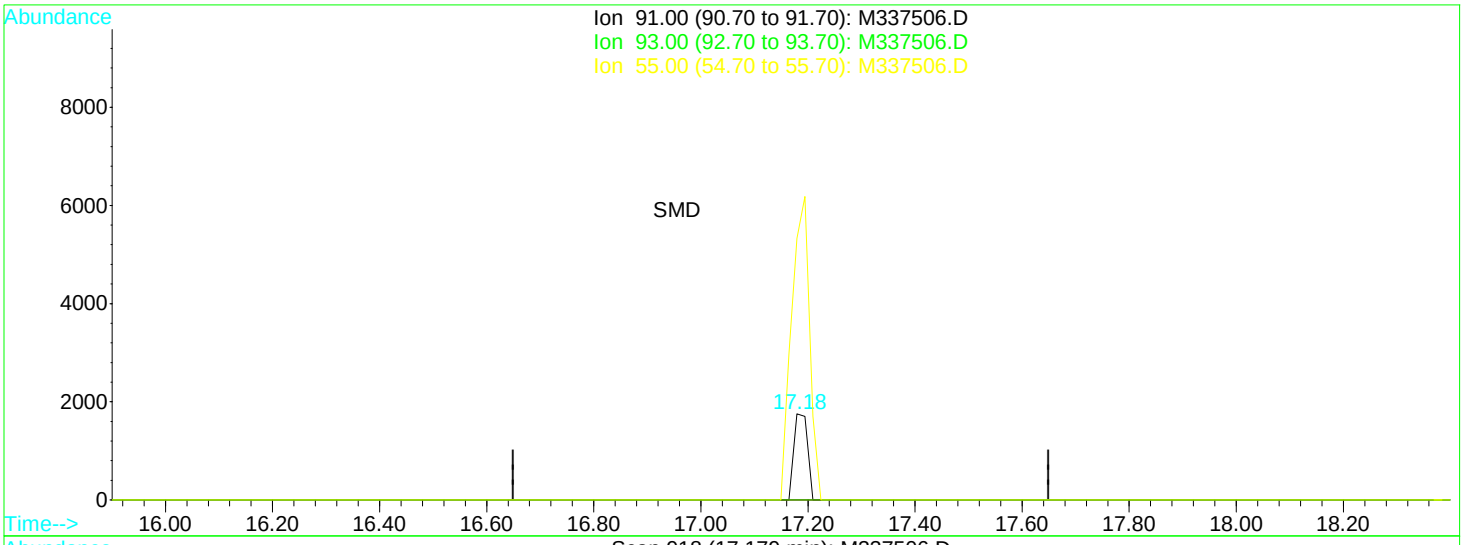
response 22703

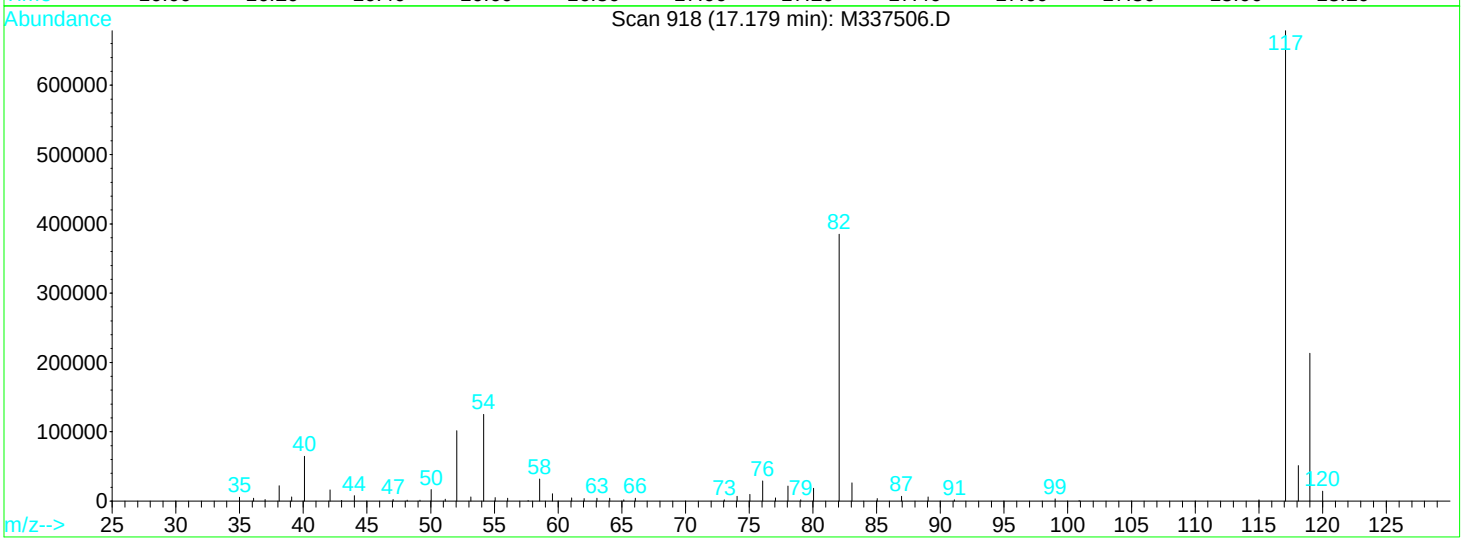
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.98
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337506.D

(66) 1-Chlorohexane

17.18min 0.12ug/l

response 3081

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	304.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:04 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2855453	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1992750	25.00	ug/l	0.01
76) 1,4 Dichlorobenzene-D4	21.55	152	718771	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	790036	22.40	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.60%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	459898	23.79	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.16%			
59) Toluene-d8 (SURR)	14.81	98	2412959	23.49	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.96%			
75) Bromofluorobenzene (SURR)	19.38	95	818189	23.20	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.80%			

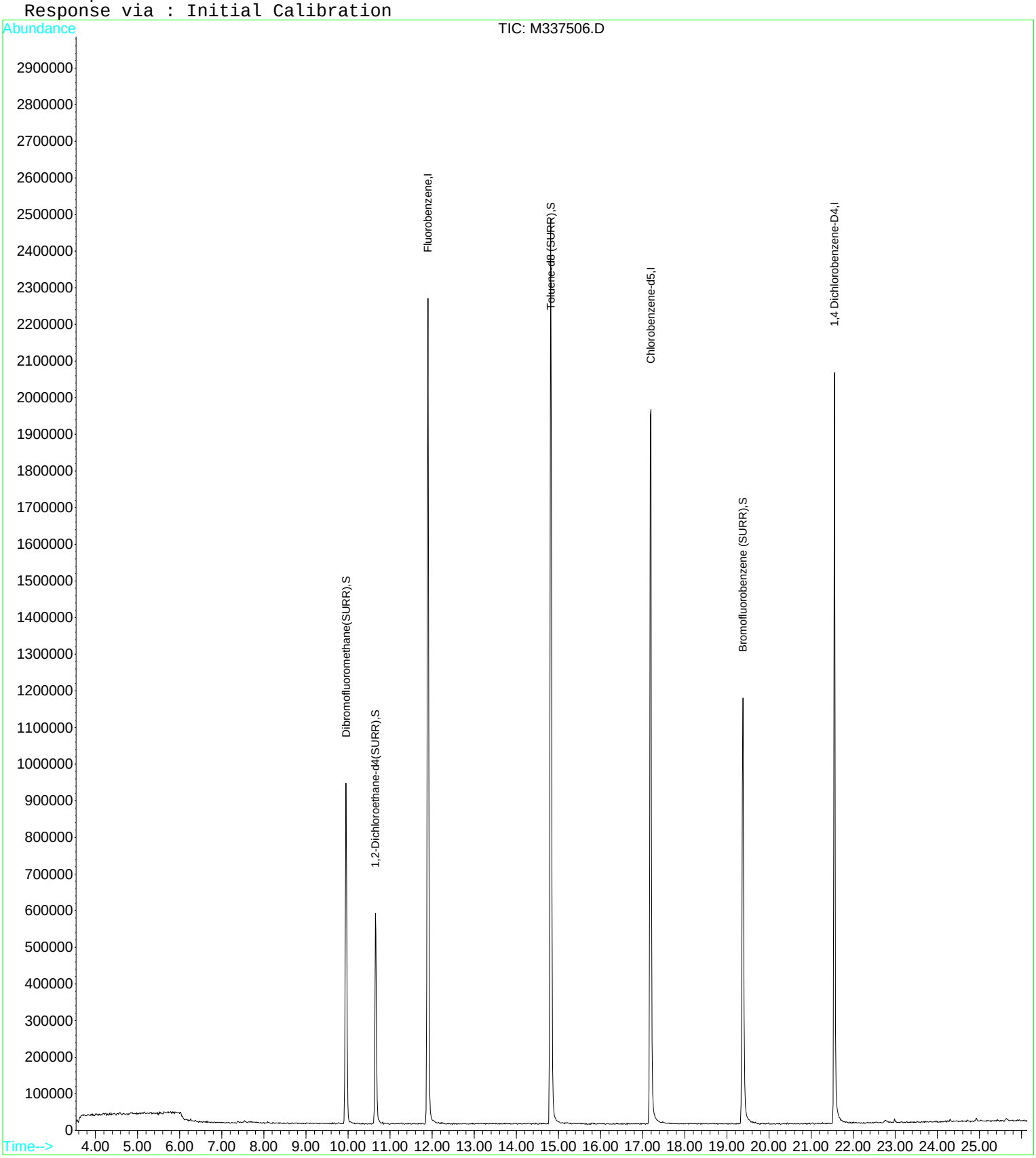
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:04 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration



VOA
Calibration Data

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSK0051	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BSK0051-TUN1	M337153.D	11/09/09 10:47
Cal Standard	BSK0051-CAL1	M337154.D	11/09/09 11:51
Cal Standard	BSK0051-CAL2	M337155.D	11/09/09 12:22
Cal Standard	BSK0051-CAL3	M337156.D	11/09/09 12:54
Cal Standard	BSK0051-CAL4	M337157.D	11/09/09 13:26
Cal Standard	BSK0051-CAL5	M337158.D	11/09/09 13:58
Cal Standard	BSK0051-CAL6	M337159.D	11/09/09 14:30
Cal Standard	BSK0051-CAL7	M337160.D	11/09/09 15:02
Secondary Cal Check	BSK0051-SCV1	M337163.D	11/09/09 16:37

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BSL0027-TUN1	M337477.D	12/03/09 08:21
Calibration Check	BSL0027-CCV1	M337478.D	12/03/09 08:53
LCS	BL90309-BS1	M337479.D	12/03/09 09:25
LCS Dup	BL90309-BSD1	M337480.D	12/03/09 09:58
Blank	BL90309-BLK1	M337483.D	12/03/09 11:34
Trip Blank	0911321-12	M337484.D	12/03/09 12:06
GWMW235S	0911321-01	M337485.D	12/03/09 12:38
GWMW235D	0911321-02	M337486.D	12/03/09 13:10
GWMW236D	0911321-03	M337487.D	12/03/09 13:42
~~GWMW236S~~	~~0911321-04~~	~~M337508.D~~	~~12/03/09 14:14~~
GWMW236S	0911321-04	M337488.D	12/03/09 14:14
GWMW237S	0911321-05	M337489.D	12/03/09 14:46
GWMW237S Dup	0911321-06	M337490.D	12/03/09 15:18
~~GWMW237D~~	~~0911321-09~~	~~M337507.D~~	~~12/03/09 15:50~~
GWMW237D	0911321-09	M337491.D	12/03/09 15:50
~~GWMW234S~~	~~0911321-10~~	~~M337509.D~~	~~12/03/09 16:22~~
GWMW234S	0911321-10	M337492.D	12/03/09 16:22
GWMW234I	0911321-11	M337493.D	12/03/09 16:54
GWMW237S	BL90309-MS1	M337498.D	12/03/09 19:33
GWMW237S	BL90309-MSD1	M337499.D	12/03/09 20:05

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0039	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BSL0039-TUN1	M337500.D	12/04/09 08:13
Calibration Check	BSL0039-CCV1	M337501.D	12/04/09 08:45
LCS	BL90410-BS1	M337502.D	12/04/09 09:16
LCS Dup	BL90410-BSD1	M337503.D	12/04/09 09:48
Blank	BL90410-BLK1	M337506.D	12/04/09 11:23
GWMW237D	0911321-09RE1	M337507.D	12/04/09 11:55
GWMW236S	0911321-04RE1	M337508.D	12/04/09 12:27
GWMW234S	0911321-10RE1	M337509.D	12/04/09 12:59

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M337477.D	Injection Date:	12/03/09
Instrument ID:	VOA MS3	Injection Time:	08:21
Sequence:	BSL0027	Lab Sample ID:	BSL0027-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.6	PASS
75	30 - 60% of 95	37.6	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.71	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	65.4	PASS
175	5 - 9% of 174	7.38	PASS
176	95 - 101% of 174	97.8	PASS
177	5 - 9% of 176	6.68	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M337500.D	Injection Date:	12/04/09
Instrument ID:	VOA MS3	Injection Time:	08:13
Sequence:	BSL0039	Lab Sample ID:	BSL0039-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.7	PASS
75	30 - 60% of 95	36.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.05	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	57.5	PASS
175	5 - 9% of 174	7.88	PASS
176	95 - 101% of 174	96.6	PASS
177	5 - 9% of 176	7.32	PASS

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337478.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0027	Injection Date:	12/03/09
Lab Sample ID:	BSL0027-CCV1	Injection Time:	08:53

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	25.3	0.2931296	0.2967652		1.2	30
1,1,1-Trichloroethane	A	25.00	26.7	0.2845196	0.3037425		6.8	30
1,1,2,2-Tetrachloroethane	A	25.00	25.2	0.9305839	0.937357	0.3	0.7	30
1,1,2-Trichloroethane	A	25.00	25.0	0.1657772	0.1658167		0.02	30
1,1-Dichloroethane	A	25.00	27.1	0.3944064	0.4273752	0.1	8.4	30
1,1-Dichloroethene	A	25.00	26.0	0.2337234	0.2427252		3.9	20
1,1-Dichloropropene	A	25.00	26.4	0.2716946	0.2873449		5.8	30
1,2,3-Trichlorobenzene	A	25.00	24.0	0.547229	0.5264159		-3.8	30
1,2,3-Trichloropropane	A	25.00	26.0	0.5633924	0.5865974		4.1	30
1,2,4-Trichlorobenzene	A	25.00	24.4	0.6984926	0.6807097		-2.5	30
1,2,4-Trimethylbenzene	A	25.00	26.1	2.438651	2.545273		4.4	30
1,2-Dibromo-3-Chloropropane	A	25.00	25.9	8.389576E-02	8.706343E-02		3.8	30
1,2-Dibromoethane	A	25.00	24.7	0.3093678	0.3055759		-1.2	30
1,2-Dichlorobenzene	A	25.00	25.0	1.382238	1.382867		0.05	30
1,2-Dichloroethane	A	25.00	26.2	0.1967258	0.2061936		4.8	30
1,2-Dichloropropane	A	25.00	25.6	0.2391939	0.2452732		2.5	20
1,3,5-Trimethylbenzene	A	25.00	26.7	2.267956	2.420915		6.7	30
1,3-Dichlorobenzene	A	25.00	25.4	1.430704	1.451037		1.4	30
1,3-Dichloropropane	A	25.00	25.1	0.4351445	0.4367088		0.4	30
1,4-Dichlorobenzene	A	25.00	24.8	1.576046	1.565611		-0.7	30
1,4-Dioxane - Screen	L	500.0	541	6.853497E-04	8.071789E-04		8.3	30
1-Chlorohexane	A	25.00	25.0	0.3176972	0.3179115		0.07	30
2,2-Dichloropropane	A	25.00	28.4	0.2122965	0.2413617		13.7	30
2-Butanone	A	125.0	137	1.185339E-02	1.298253E-02		9.5	30
2-Chlorotoluene	A	25.00	25.8	2.303652	2.372952		3.0	30
2-Hexanone	L	125.0	118	0.1457571	0.1526706		-5.6	30
4-Chlorotoluene	A	25.00	26.0	2.388677	2.483092		4.0	30
4-Isopropyltoluene	A	25.00	25.7	2.113235	2.173451		2.8	30
4-Methyl-2-Pentanone	A	125.0	137	5.174424E-02	5.670739E-02		9.6	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337478.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0027	Injection Date:	12/03/09
Lab Sample ID:	BSL0027-CCV1	Injection Time:	08:53

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	138	1.029141E-02	1.138286E-02		10.6	30
Benzene	A	25.00	25.8	0.9306424	0.9595471		3.1	30
Bromobenzene	A	25.00	26.4	0.9201874	0.9703947		5.5	30
Bromochloromethane	A	25.00	25.6	0.1382576	0.1416935		2.5	30
Bromodichloromethane	A	25.00	26.3	0.2801671	0.2943148		5.0	30
Bromoform	A	25.00	24.9	0.1935124	0.1925289	0.1	-0.5	30
Bromomethane	A	25.00	22.1	0.1485266	0.131039		-11.8	30
Carbon Disulfide	A	25.00	27.0	0.8118036	0.8778515		8.1	30
Carbon Tetrachloride	A	25.00	26.7	0.243129	0.2593742		6.7	30
Chlorobenzene	A	25.00	25.4	0.9938252	1.008216	0.3	1.4	30
Chloroethane	L	25.00	25.5	0.1194996	0.1219033		2.0	30
Chloroform	A	25.00	26.1	0.4012275	0.4189911		4.4	20
Chloromethane	L	25.00	24.4	0.2596284	0.2538784	0.1	-2.2	30
cis-1,2-Dichloroethene	A	25.00	26.3	0.3025746	0.3188337		5.4	30
cis-1,3-Dichloropropene	A	25.00	26.2	0.2965856	0.3104053		4.7	30
Dibromochloromethane	A	25.00	23.8	0.3320011	0.3159492		-4.8	30
Dibromomethane	A	25.00	25.0	0.1647356	0.1647818		0.03	30
Dichlorodifluoromethane	A	25.00	25.0	0.214017	0.2142901		0.1	30
Diethyl Ether	A	25.00	26.7	0.1399525	0.1492632		6.7	30
Di-isopropyl ether	A	25.00	26.5	0.8211699	0.8692056		5.8	30
Ethyl tertiary-butyl ether	A	25.00	25.4	0.4982602	0.5064124		1.6	30
Ethylbenzene	A	25.00	26.0	1.382396	1.438247		4.0	20
Hexachlorobutadiene	A	25.00	25.1	0.3001511	0.3017388		0.5	30
Hexachloroethane	A	25.00	25.0	0.4438395	0.4441936		0.08	30
Isopropylbenzene	A	25.00	26.2	2.92861	3.073837		5.0	30
Methyl tert-Butyl Ether	A	25.00	25.0	0.3432064	0.3439562		0.2	30
Methylene Chloride	A	25.00	25.4	0.2921115	0.2973678		1.8	30
Naphthalene	A	25.00	23.6	1.261564	1.190121		-5.7	30
n-Butylbenzene	A	25.00	25.5	1.864647	1.900003		1.9	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337478.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0027	Injection Date:	12/03/09
Lab Sample ID:	BSL0027-CCV1	Injection Time:	08:53

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	26.4	3.242991	3.426731		5.7	30
sec-Butylbenzene	A	25.00	25.5	2.640667	2.690423		1.9	30
Styrene	L	25.00	26.5	0.9326293	0.9473146		5.8	30
tert-Butylbenzene	A	25.00	26.0	1.666228	1.730571		3.9	30
Tertiary-amyl methyl ether	A	25.00	25.1	0.3885091	0.3897546		0.3	30
Tetrachloroethene	A	25.00	26.1	0.2330238	0.2434003		4.5	30
Tetrahydrofuran	A	25.00	27.4	3.890184E-02	4.268296E-02		9.7	30
Toluene	A	25.00	26.5	0.6012292	0.6380105		6.1	20
trans-1,2-Dichloroethene	A	25.00	25.9	0.2595406	0.2685506		3.5	30
trans-1,3-Dichloropropene	A	25.00	26.4	0.218272	0.2304414		5.6	30
Trichloroethene	A	25.00	25.5	0.2605395	0.265548		1.9	30
Trichlorofluoromethane	A	25.00	31.2	0.286838	0.3576469		24.7	30
Vinyl Acetate	A	25.00	23.8	0.376856	0.3591418		-4.7	30
Vinyl Chloride	A	25.00	26.0	0.2130774	0.221522		4.0	20
Xylene O	A	25.00	25.6	0.5501065	0.5635893		2.5	30
Xylene P,M	A	50.00	51.5	0.5435216	0.5601746		3.1	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337501.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0039	Injection Date:	12/04/09
Lab Sample ID:	BSL0039-CCV1	Injection Time:	08:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	25.5	0.2931296	0.2988074		1.9	30
1,1,1-Trichloroethane	A	25.00	25.8	0.2845196	0.293447		3.1	30
1,1,2,2-Tetrachloroethane	A	25.00	24.7	0.9305839	0.9179117	0.3	-1.4	30
1,1,2-Trichloroethane	A	25.00	24.7	0.1657772	0.1635899		-1.3	30
1,1-Dichloroethane	A	25.00	25.9	0.3944064	0.4079055	0.1	3.4	30
1,1-Dichloroethene	A	25.00	25.3	0.2337234	0.2368001		1.3	20
1,1-Dichloropropene	A	25.00	25.7	0.2716946	0.2796258		2.9	30
1,2,3-Trichlorobenzene	A	25.00	22.5	0.547229	0.4934566		-9.8	30
1,2,3-Trichloropropane	A	25.00	24.0	0.5633924	0.5396571		-4.2	30
1,2,4-Trichlorobenzene	A	25.00	24.0	0.6984926	0.67191		-3.8	30
1,2,4-Trimethylbenzene	A	25.00	26.4	2.438651	2.57815		5.7	30
1,2-Dibromo-3-Chloropropane	A	25.00	25.2	8.389576E-02	8.452296E-02		0.7	30
1,2-Dibromoethane	A	25.00	25.4	0.3093678	0.3139114		1.5	30
1,2-Dichlorobenzene	A	25.00	25.2	1.382238	1.390765		0.6	30
1,2-Dichloroethane	A	25.00	24.6	0.1967258	0.193329		-1.7	30
1,2-Dichloropropane	A	25.00	25.2	0.2391939	0.2407917		0.7	20
1,3,5-Trimethylbenzene	A	25.00	26.9	2.267956	2.442132		7.7	30
1,3-Dichlorobenzene	A	25.00	25.6	1.430704	1.467767		2.6	30
1,3-Dichloropropane	A	25.00	25.7	0.4351445	0.4477398		2.9	30
1,4-Dichlorobenzene	A	25.00	24.3	1.576046	1.534683		-2.6	30
1,4-Dioxane - Screen	L	500.0	523	6.853497E-04	7.784041E-04		4.7	30
1-Chlorohexane	A	25.00	26.3	0.3176972	0.3338144		5.1	30
2,2-Dichloropropane	A	25.00	28.5	0.2122965	0.2418023		13.9	30
2-Butanone	A	125.0	127	1.185339E-02	1.203673E-02		1.5	30
2-Chlorotoluene	A	25.00	26.0	2.303652	2.400555		4.2	30
2-Hexanone	L	125.0	116	0.1457571	0.1497574		-7.3	30
4-Chlorotoluene	A	25.00	26.1	2.388677	2.495884		4.5	30
4-Isopropyltoluene	A	25.00	26.7	2.113235	2.255565		6.7	30
4-Methyl-2-Pentanone	A	125.0	125	5.174424E-02	5.156795E-02		-0.3	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337501.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0039	Injection Date:	12/04/09
Lab Sample ID:	BSL0039-CCV1	Injection Time:	08:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	128	1.029141E-02	0.0105584		2.6	30
Benzene	A	25.00	25.7	0.9306424	0.9554793		2.7	30
Bromobenzene	A	25.00	26.5	0.9201874	0.9765378		6.1	30
Bromochloromethane	A	25.00	24.3	0.1382576	0.1345015		-2.7	30
Bromodichloromethane	A	25.00	25.0	0.2801671	0.2804425		0.1	30
Bromoform	A	25.00	24.4	0.1935124	0.1885054	0.1	-2.6	30
Bromomethane	A	25.00	22.8	0.1485266	0.1355748		-8.7	30
Carbon Disulfide	A	25.00	25.7	0.8118036	0.833442		2.7	30
Carbon Tetrachloride	A	25.00	25.5	0.243129	0.2481395		2.1	30
Chlorobenzene	A	25.00	25.7	0.9938252	1.020826	0.3	2.7	30
Chloroethane	L	25.00	24.0	0.1194996	0.1149441		-3.8	30
Chloroform	A	25.00	25.0	0.4012275	0.4010297		-0.05	20
Chloromethane	L	25.00	23.9	0.2596284	0.2485468	0.1	-4.3	30
cis-1,2-Dichloroethene	A	25.00	25.0	0.3025746	0.302376		-0.07	30
cis-1,3-Dichloropropene	A	25.00	25.8	0.2965856	0.3065586		3.4	30
Dibromochloromethane	A	25.00	25.1	0.3320011	0.3330509		0.3	30
Dibromomethane	A	25.00	23.7	0.1647356	0.1559784		-5.3	30
Dichlorodifluoromethane	A	25.00	24.0	0.214017	0.2055171		-4.0	30
Diethyl Ether	A	25.00	25.1	0.1399525	0.1407195		0.5	30
Di-isopropyl ether	A	25.00	25.7	0.8211699	0.8434018		2.7	30
Ethyl tertiary-butyl ether	A	25.00	25.5	0.4982602	0.5085422		2.1	30
Ethylbenzene	A	25.00	26.6	1.382396	1.471756		6.5	20
Hexachlorobutadiene	A	25.00	25.3	0.3001511	0.3035645		1.1	30
Hexachloroethane	A	25.00	26.2	0.4438395	0.4658517		5.0	30
Isopropylbenzene	A	25.00	27.0	2.92861	3.160208		7.9	30
Methyl tert-Butyl Ether	A	25.00	24.4	0.3432064	0.3345877		-2.5	30
Methylene Chloride	A	25.00	24.5	0.2921115	0.2860527		-2.1	30
Naphthalene	A	25.00	22.2	1.261564	1.12142		-11.1	30
n-Butylbenzene	A	25.00	27.4	1.864647	2.045826		9.7	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337501.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0039	Injection Date:	12/04/09
Lab Sample ID:	BSL0039-CCV1	Injection Time:	08:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	27.0	3.242991	3.507648		8.2	30
sec-Butylbenzene	A	25.00	26.6	2.640667	2.805513		6.2	30
Styrene	L	25.00	27.5	0.9326293	0.9856506		10.2	30
tert-Butylbenzene	A	25.00	26.4	1.666228	1.759076		5.6	30
Tertiary-amyl methyl ether	A	25.00	24.3	0.3885091	0.3777886		-2.8	30
Tetrachloroethene	A	25.00	25.4	0.2330238	0.2369256		1.7	30
Tetrahydrofuran	A	25.00	24.9	3.890184E-02	3.872433E-02		-0.5	30
Toluene	A	25.00	25.1	0.6012292	0.6037042		0.4	20
trans-1,2-Dichloroethene	A	25.00	25.0	0.2595406	0.2599934		0.2	30
trans-1,3-Dichloropropene	A	25.00	26.6	0.218272	0.2318539		6.2	30
Trichloroethene	A	25.00	24.6	0.2605395	0.2565232		-1.5	30
Trichlorofluoromethane	A	25.00	30.5	0.286838	0.3494893		21.8	30
Vinyl Acetate	A	25.00	22.3	0.376856	0.3367151		-10.7	30
Vinyl Chloride	A	25.00	24.7	0.2130774	0.2103491		-1.3	20
Xylene O	A	25.00	26.4	0.5501065	0.5802584		5.5	30
Xylene P,M	A	50.00	53.0	0.5435216	0.5759203		6.0	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSK0051	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Cal Standard (BSK0051-CAL1)			Lab File ID: M337154.D		Analyzed: 11/09/09 11:51			
1,2-Dichloroethane-d4	0.4000	128		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.4000	110		19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.4000	128		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.4000	115		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL2)			Lab File ID: M337155.D		Analyzed: 11/09/09 12:22			
1,2-Dichloroethane-d4	1.000	98		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	1.000	97		19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	1.000	101		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	1.000	96		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL3)			Lab File ID: M337156.D		Analyzed: 11/09/09 12:54			
1,2-Dichloroethane-d4	5.000	101		10.63	10.63833	-0.0083	+/-1.0	
4-Bromofluorobenzene	5.000	88		19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	5.000	98		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	5.000	89		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL4)			Lab File ID: M337157.D		Analyzed: 11/09/09 13:26			
1,2-Dichloroethane-d4	10.00	99		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	10.00	94		19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	10.00	100		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	10.00	95		14.81	14.80333	0.0067	+/-1.0	
Cal Standard (BSK0051-CAL5)			Lab File ID: M337158.D		Analyzed: 11/09/09 13:58			
1,2-Dichloroethane-d4	25.00	104		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	25.00	102		19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	25.00	104		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	25.00	102		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL6)			Lab File ID: M337159.D		Analyzed: 11/09/09 14:30			
1,2-Dichloroethane-d4	50.00	105		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	50.00	104		19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	50.00	108		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	50.00	106		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL7)			Lab File ID: M337160.D		Analyzed: 11/09/09 15:02			
1,2-Dichloroethane-d4	100.0	106		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	100.0	109		19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	100.0	110		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	100.0	110		14.81	14.80333	0.0067	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0027-CCV1)			Lab File ID: M337478.D		Analyzed: 12/03/09 08:53			
1,2-Dichloroethane-d4	25.00	94	0 - 200	10.72	10.63833	0.0817	+/-1.0	
4-Bromofluorobenzene	25.00	93	0 - 200	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	25.00	95	0 - 200	10	9.94	0.0600	+/-1.0	
Toluene-d8	25.00	93	0 - 200	14.88	14.80333	0.0767	+/-1.0	
LCS (BL90309-BS1)			Lab File ID: M337479.D		Analyzed: 12/03/09 09:25			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.44	19.36	0.0800	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	10.01	9.94	0.0700	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.87	14.80333	0.0667	+/-1.0	
LCS Dup (BL90309-BSD1)			Lab File ID: M337480.D		Analyzed: 12/03/09 09:58			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.44	19.36	0.0800	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	10.01	9.94	0.0700	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.87	14.80333	0.0667	+/-1.0	
Blank (BL90309-BLK1)			Lab File ID: M337483.D		Analyzed: 12/03/09 11:34			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.72	10.63833	0.0817	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.87	14.80333	0.0667	+/-1.0	
Trip Blank (0911321-12)			Lab File ID: M337484.D		Analyzed: 12/03/09 12:06			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.71			+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.44			+/-1.0	
Dibromofluoromethane	0.02500	88	70 - 130	10.01			+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.88			+/-1.0	
GWMW235S (0911321-01)			Lab File ID: M337485.D		Analyzed: 12/03/09 12:38			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.44	19.36	0.0800	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	10.01	9.94	0.0700	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.88	14.80333	0.0767	+/-1.0	
GWMW235D (0911321-02)			Lab File ID: M337486.D		Analyzed: 12/03/09 13:10			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.44	19.36	0.0800	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	10.01	9.94	0.0700	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.87	14.80333	0.0667	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
GWMW236D (0911321-03)			Lab File ID: M337487.D		Analyzed: 12/03/09 13:42			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	10.01	9.94	0.0700	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.88	14.80333	0.0767	+/-1.0	
GWMW236S (0911321-04)			Lab File ID: M337488.D		Analyzed: 12/03/09 14:14			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.86	14.80333	0.0567	+/-1.0	
GWMW237S (0911321-05)			Lab File ID: M337489.D		Analyzed: 12/03/09 14:46			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.86	14.80333	0.0567	+/-1.0	
GWMW237S Dup (0911321-06)			Lab File ID: M337490.D		Analyzed: 12/03/09 15:18			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.69	10.63833	0.0517	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.86	14.80333	0.0567	+/-1.0	
GWMW237D (0911321-09)			Lab File ID: M337491.D		Analyzed: 12/03/09 15:50			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.7	10.63833	0.0617	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.87	14.80333	0.0667	+/-1.0	
GWMW234S (0911321-10)			Lab File ID: M337492.D		Analyzed: 12/03/09 16:22			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.7	10.63833	0.0617	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.42	19.36	0.0600	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.87	14.80333	0.0667	+/-1.0	
GWMW234I (0911321-11)			Lab File ID: M337493.D		Analyzed: 12/03/09 16:54			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.7	10.63833	0.0617	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.42	19.36	0.0600	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.99	9.94	0.0500	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.85	14.80333	0.0467	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike (BL90309-MS1)			Lab File ID: M337498.D		Analyzed: 12/03/09 19:33			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.68	10.63833	0.0417	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.41	19.36	0.0500	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.98	9.94	0.0400	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.85	14.80333	0.0467	+/-1.0	
Matrix Spike Dup (BL90309-MSD1)			Lab File ID: M337499.D		Analyzed: 12/03/09 20:05			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.68	10.63833	0.0417	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.41	19.36	0.0500	+/-1.0	
Dibromofluoromethane	0.02500	94	70 - 130	9.98	9.94	0.0400	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.85	14.80333	0.0467	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0039	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0039-CCV1)			Lab File ID: M337501.D		Analyzed: 12/04/09 08:45			
1,2-Dichloroethane-d4	25.00	91	0 - 200	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	25.00	95	0 - 200	19.38	19.36	0.0200	+/-1.0	
Dibromofluoromethane	25.00	90	0 - 200	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	25.00	96	0 - 200	14.81	14.80333	0.0067	+/-1.0	
LCS (BL90410-BS1)			Lab File ID: M337502.D		Analyzed: 12/04/09 09:16			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.82	14.80333	0.0167	+/-1.0	
LCS Dup (BL90410-BSD1)			Lab File ID: M337503.D		Analyzed: 12/04/09 09:48			
1,2-Dichloroethane-d4	0.02500	91	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82	14.80333	0.0167	+/-1.0	
Blank (BL90410-BLK1)			Lab File ID: M337506.D		Analyzed: 12/04/09 11:23			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.38	19.36	0.0200	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.81	14.80333	0.0067	+/-1.0	
GWMW237D (0911321-09RE1)			Lab File ID: M337507.D		Analyzed: 12/04/09 11:55			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.66	10.63833	0.0217	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.96	9.94	0.0200	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.82	14.80333	0.0167	+/-1.0	
GWMW236S (0911321-04RE1)			Lab File ID: M337508.D		Analyzed: 12/04/09 12:27			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.66	10.63833	0.0217	+/-1.0	
4-Bromofluorobenzene	0.02500	90	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.96	9.94	0.0200	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.82	14.80333	0.0167	+/-1.0	
GWMW234S (0911321-10RE1)			Lab File ID: M337509.D		Analyzed: 12/04/09 12:59			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.66	10.63833	0.0217	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.96	9.94	0.0200	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82	14.80333	0.0167	+/-1.0	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Sequence: BSK0051
Instrument: VOA MS3
Matrix: Aqueous
Calibration: 0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (BSK0051-CAL1)			Lab File ID: M337154.D			Analyzed: 11/09/09 11:51			
Fluorobenzene	3122008	11.89	3271323	11.88	95	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2143004	17.17	2329288	17.16	92	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	774893	21.54	824908	21.54	94	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL2)			Lab File ID: M337155.D			Analyzed: 11/09/09 12:22			
Fluorobenzene	3238472	11.89	3271323	11.88	99	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2208998	17.17	2329288	17.16	95	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	788482	21.54	824908	21.54	96	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL3)			Lab File ID: M337156.D			Analyzed: 11/09/09 12:54			
Fluorobenzene	3271323	11.88	3271323	11.88	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2329288	17.16	2329288	17.16	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	824908	21.54	824908	21.54	100	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL4)			Lab File ID: M337157.D			Analyzed: 11/09/09 13:26			
Fluorobenzene	3374339	11.88	3271323	11.88	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2290041	17.17	2329288	17.16	98	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	844496	21.54	824908	21.54	102	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL5)			Lab File ID: M337158.D			Analyzed: 11/09/09 13:58			
Fluorobenzene	3471005	11.89	3271323	11.88	106	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2296259	17.17	2329288	17.16	99	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	867018	21.54	824908	21.54	105	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL6)			Lab File ID: M337159.D			Analyzed: 11/09/09 14:30			
Fluorobenzene	3560701	11.88	3271323	11.88	109	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2363291	17.18	2329288	17.16	101	50 - 200	0.0200	+/-0.50	
1,4-Dichlorobenzene-D4	880077	21.54	824908	21.54	107	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL7)			Lab File ID: M337160.D			Analyzed: 11/09/09 15:02			
Fluorobenzene	3764155	11.89	3271323	11.88	115	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2387262	17.17	2329288	17.16	102	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	918344	21.54	824908	21.54	111	50 - 200	0.0000	+/-0.50	
Secondary Cal Check (BSK0051-SCV1)			Lab File ID: M337163.D			Analyzed: 11/09/09 16:37			
Fluorobenzene	3257246	11.88	3271323	11.88	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2274315	17.17	2329288	17.16	98	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	816617	21.55	824908	21.54	99	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0027-CCV1)			Lab File ID: M337478.D			Analyzed: 12/03/09 08:53			
Fluorobenzene	2976106	11.95				50 - 200		+/-0.50	
Chlorobenzene-d5	2056242	17.24				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	744664	21.59				50 - 200		+/-0.50	
LCS (BL90309-BS1)			Lab File ID: M337479.D			Analyzed: 12/03/09 09:25			
Fluorobenzene	2930835	11.96	2976106	11.95	98	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1966538	17.24	2056242	17.24	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	732875	21.6	744664	21.59	98	50 - 200	0.0100	+/-0.50	
LCS Dup (BL90309-BSD1)			Lab File ID: M337480.D			Analyzed: 12/03/09 09:58			
Fluorobenzene	3001284	11.96	2976106	11.95	101	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1999823	17.24	2056242	17.24	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	744349	21.6	744664	21.59	100	50 - 200	0.0100	+/-0.50	
Blank (BL90309-BLK1)			Lab File ID: M337483.D			Analyzed: 12/03/09 11:34			
Fluorobenzene	2893084	11.95	2976106	11.95	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2022777	17.25	2056242	17.24	98	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	757072	21.59	744664	21.59	102	50 - 200	0.0000	+/-0.50	
Trip Blank (0911321-12)			Lab File ID: M337484.D			Analyzed: 12/03/09 12:06			
Fluorobenzene	2867352	11.95	2976106	11.95	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2031475	17.24	2056242	17.24	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	738358	21.6	744664	21.59	99	50 - 200	0.0100	+/-0.50	
GWMW235S (0911321-01)			Lab File ID: M337485.D			Analyzed: 12/03/09 12:38			
Fluorobenzene	2949949	11.95	2976106	11.95	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1998335	17.24	2056242	17.24	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	732034	21.6	744664	21.59	98	50 - 200	0.0100	+/-0.50	
GWMW235D (0911321-02)			Lab File ID: M337486.D			Analyzed: 12/03/09 13:10			
Fluorobenzene	2924261	11.96	2976106	11.95	98	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2025801	17.24	2056242	17.24	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	730722	21.6	744664	21.59	98	50 - 200	0.0100	+/-0.50	
GWMW236D (0911321-03)			Lab File ID: M337487.D			Analyzed: 12/03/09 13:42			
Fluorobenzene	2843987	11.95	2976106	11.95	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1974021	17.24	2056242	17.24	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	726264	21.6	744664	21.59	98	50 - 200	0.0100	+/-0.50	
GWMW236S (0911321-04)			Lab File ID: M337488.D			Analyzed: 12/03/09 14:14			
Fluorobenzene	2994243	11.95	2976106	11.95	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2013580	17.24	2056242	17.24	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	750889	21.6	744664	21.59	101	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Sequence: BSL0027
Instrument: VOA MS3
Matrix: Aqueous
Calibration: 0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
GWMW237S (0911321-05)			Lab File ID: M337489.D			Analyzed: 12/03/09 14:46			
Fluorobenzene	2865684	11.95	2976106	11.95	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2039812	17.24	2056242	17.24	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	762457	21.58	744664	21.59	102	50 - 200	-0.0100	+/-0.50	
GWMW237S Dup (0911321-06)			Lab File ID: M337490.D			Analyzed: 12/03/09 15:18			
Fluorobenzene	2940732	11.94	2976106	11.95	99	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	2061737	17.24	2056242	17.24	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	768796	21.58	744664	21.59	103	50 - 200	-0.0100	+/-0.50	
GWMW237D (0911321-09)			Lab File ID: M337491.D			Analyzed: 12/03/09 15:50			
Fluorobenzene	3014001	11.94	2976106	11.95	101	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	2065102	17.23	2056242	17.24	100	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	755722	21.59	744664	21.59	101	50 - 200	0.0000	+/-0.50	
GWMW234S (0911321-10)			Lab File ID: M337492.D			Analyzed: 12/03/09 16:22			
Fluorobenzene	3001134	11.94	2976106	11.95	101	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	2008500	17.23	2056242	17.24	98	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	746165	21.59	744664	21.59	100	50 - 200	0.0000	+/-0.50	
GWMW234I (0911321-11)			Lab File ID: M337493.D			Analyzed: 12/03/09 16:54			
Fluorobenzene	2937598	11.94	2976106	11.95	99	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	2029275	17.23	2056242	17.24	99	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	746472	21.59	744664	21.59	100	50 - 200	0.0000	+/-0.50	
Matrix Spike (BL90309-MS1)			Lab File ID: M337498.D			Analyzed: 12/03/09 19:33			
Fluorobenzene	2960930	11.93	2976106	11.95	99	50 - 200	-0.0200	+/-0.50	
Chlorobenzene-d5	1966052	17.21	2056242	17.24	96	50 - 200	-0.0300	+/-0.50	
1,4-Dichlorobenzene-D4	715035	21.58	744664	21.59	96	50 - 200	-0.0100	+/-0.50	
Matrix Spike Dup (BL90309-MSD1)			Lab File ID: M337499.D			Analyzed: 12/03/09 20:05			
Fluorobenzene	2890468	11.93	2976106	11.95	97	50 - 200	-0.0200	+/-0.50	
Chlorobenzene-d5	1998021	17.23	2056242	17.24	97	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	745388	21.58	744664	21.59	100	50 - 200	-0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0039	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0039-CCV1)			Lab File ID: M337501.D			Analyzed: 12/04/09 08:45			
Fluorobenzene	3078478	11.9				50 - 200		+/-0.50	
Chlorobenzene-d5	2003916	17.18				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	733564	21.55				50 - 200		+/-0.50	
LCS (BL90410-BS1)			Lab File ID: M337502.D			Analyzed: 12/04/09 09:16			
Fluorobenzene	3083593	11.9	3078478	11.9	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2034314	17.18	2003916	17.18	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	735304	21.55	733564	21.55	100	50 - 200	0.0000	+/-0.50	
LCS Dup (BL90410-BSD1)			Lab File ID: M337503.D			Analyzed: 12/04/09 09:48			
Fluorobenzene	2965335	11.9	3078478	11.9	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1990688	17.18	2003916	17.18	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	726839	21.55	733564	21.55	99	50 - 200	0.0000	+/-0.50	
Blank (BL90410-BLK1)			Lab File ID: M337506.D			Analyzed: 12/04/09 11:23			
Fluorobenzene	2855453	11.9	3078478	11.9	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1992750	17.19	2003916	17.18	99	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	718771	21.55	733564	21.55	98	50 - 200	0.0000	+/-0.50	
GWMW237D (0911321-09RE1)			Lab File ID: M337507.D			Analyzed: 12/04/09 11:55			
Fluorobenzene	2900219	11.9	3078478	11.9	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2027318	17.18	2003916	17.18	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	738585	21.56	733564	21.55	101	50 - 200	0.0100	+/-0.50	
GWMW236S (0911321-04RE1)			Lab File ID: M337508.D			Analyzed: 12/04/09 12:27			
Fluorobenzene	2818247	11.91	3078478	11.9	92	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1978232	17.19	2003916	17.18	99	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	689981	21.56	733564	21.55	94	50 - 200	0.0100	+/-0.50	
GWMW234S (0911321-10RE1)			Lab File ID: M337509.D			Analyzed: 12/04/09 12:59			
Fluorobenzene	2789524	11.91	3078478	11.9	91	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1937752	17.19	2003916	17.18	97	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	684158	21.56	733564	21.55	93	50 - 200	0.0100	+/-0.50	

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSK0051	Instrument:	VOA MS3
Calibration:	0911010		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
9K09042	8260 BFB Tune MS-3 AQ	BSK0051-TUN1	M337153.D	11/09/09 10:47
9K09043	8260 ICAL1 MS-3 AQ	BSK0051-CAL1	M337154.D	11/09/09 11:51
9K09044	8260 ICAL2 MS-3 AQ	BSK0051-CAL2	M337155.D	11/09/09 12:22
9K09045	8260 ICAL3 MS-3 AQ	BSK0051-CAL3	M337156.D	11/09/09 12:54
9K09046	8260 ICAL4 MS-3 AQ	BSK0051-CAL4	M337157.D	11/09/09 13:26
9K09047	8260 ICAL5 MS-3 AQ	BSK0051-CAL5	M337158.D	11/09/09 13:58
9K09048	8260 ICAL6 MS-3 AQ	BSK0051-CAL6	M337159.D	11/09/09 14:30
9K09049	8260 ICAL7 MS-3 AQ	BSK0051-CAL7	M337160.D	11/09/09 15:02
9K09050	8260 SCV1 MS-3 AQ	BSK0051-SCV1	M337163.D	11/09/09 16:37

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M337153.D	Injection Date:	11/09/09
Instrument ID:	VOA MS3	Injection Time:	10:47
Sequence:	BSK0051	Lab Sample ID:	BSK0051-TUN1
Calibration:	0911010		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
96	5 - 9% of 95	7.08	PASS
95	Base peak, 100% relative abundance	100	PASS
75	30 - 60% of 95	35.9	PASS
50	15 - 40% of 95	16	PASS
177	5 - 9% of 176	7.31	PASS
176	95 - 101% of 174	96.5	PASS
175	5 - 9% of 174	6.69	PASS
174	50 - 100% of 95	59.6	PASS
173	Less than 2% of 174	0	PASS

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.4	~~0.3392726~~	1	0.2740383	5	0.2654309	10	0.2757396	25	0.3008297	50	0.3127448
1,1,1-Trichloroethane	0.4	~~0.3416471~~	1	0.2754463	5	0.272214	10	0.2684807	25	0.2844001	50	0.296822
1,1,2,2-Tetrachloroethane	0.4	1.012559	1	0.930871	5	0.9139928	10	0.8720645	25	0.9398432	50	0.9218858
1,1,2-Trichloroethane	0.4	~~0.1720247~~	1	0.1676253	5	0.1628179	10	0.1551215	25	0.1687514	50	0.1699688
1,1-Dichloroethane	0.4	~~0.4957146~~	1	0.3893734	5	0.3760482	10	0.3754269	25	0.3931734	50	0.4132098
1,1-Dichloroethene	0.4	~~0.2733817~~	1	0.2393644	5	0.2223305	10	0.2216493	25	0.2319014	50	0.2417631
1,1-Dichloropropene	0.4	~~0.3151417~~	1	0.2576833	5	0.2585009	10	0.2561235	25	0.2741494	50	0.2869178
1,2,3-Trichlorobenzene	0.4	~~0.4311886~~	1	0.4934799	5	0.4868179	10	0.5198396	25	0.5786685	50	0.5896694
1,2,3-Trichloropropane	0.4	~~0.4731298~~	1	0.5977625	5	0.5468246	10	0.5267017	25	0.5776258	50	0.5701132
1,2,4-Trichlorobenzene	0.4	~~0.622102~~	1	0.6430077	5	0.6197479	10	0.6576704	25	0.7312651	50	0.7545141
1,2,4-Trimethylbenzene	0.4	~~2.269749~~	1	2.243361	5	2.267186	10	2.32743	25	2.50237	50	2.62097
1,2-Dibromo-3-Chloropropane	0.4		1	7.384443E-02	5	7.531143E-02	10	0.0807079	25	9.317223E-02	50	8.800253E-02
1,2-Dibromoethane	0.4	~~0.3333522~~	1	0.2797535	5	0.2822472	10	0.2911749	25	0.3244168	50	0.3300886
1,2-Dichlorobenzene	0.4	~~1.470929~~	1	1.370545	5	1.313977	10	1.313692	25	1.400835	50	1.429914
1,2-Dichloroethane	0.4	~~0.2301203~~	1	0.201646	5	0.1928944	10	0.1860031	25	0.1966174	50	0.199427
1,2-Dichloropropane	0.4	~~0.2494989~~	1	0.2321851	5	0.2257359	10	0.2294079	25	0.2414837	50	0.2490507
1,3,5-Trimethylbenzene	0.4	~~2.268539~~	1	1.982005	5	2.121521	10	2.191014	25	2.349234	50	2.441891
1,3-Dichlorobenzene	0.4	~~1.563845~~	1	1.403171	5	1.370735	10	1.345148	25	1.443403	50	1.485155
1,3-Dichloropropane	0.4	~~0.4408531~~	1	0.408726	5	0.3890373	10	0.4093344	25	0.4554347	50	0.4625537
1,4-Dichlorobenzene	0.4	~~1.90115~~	1	1.675815	5	1.521939	10	1.525268	25	1.541016	50	1.570289
1,4-Dioxane - Screen	8		20		100	4.653316E-04	200	6.574251E-04	500	7.495236E-04	1000	7.714071E-04
1-Chlorohexane	0.4	~~0.4057097~~	1	0.3060777	5	0.2733088	10	0.2913278	25	0.3254054	50	0.3425729
2,2-Dichloropropane	0.4	~~0.2326427~~	1	0.1984578	5	0.193434	10	0.1967837	25	0.2173967	50	0.2286881
2-Butanone	2		5	~~7.052709E-03~~	25	1.004364E-02	50	1.073069E-02	125	1.262539E-02	250	1.248041E-02
2-Chlorotoluene	0.4	~~2.666013~~	1	2.277953	5	2.151919	10	2.215478	25	2.315163	50	2.398193
2-Hexanone	2	~~0.1227541~~	5	0.112671	25	0.1314058	50	0.132512	125	0.1667894	250	0.1588175
4-Chlorotoluene	0.4	~~2.53043~~	1	2.262036	5	2.281042	10	2.273912	25	2.427154	50	2.503207
4-Isopropyltoluene	0.4	~~2.073189~~	1	1.864405	5	1.942223	10	2.008671	25	2.14409	50	2.303448
4-Methyl-2-Pentanone	2	~~4.383797E-02~~	5	4.422456E-02	25	4.922168E-02	50	4.865071E-02	125	5.701922E-02	250	5.515543E-02
Acetone	2	~~1.735662E-02~~	5	~~1.590565E-02~~	25	1.051868E-02	50	1.012376E-02	125	1.066204E-02	250	1.022799E-02
Benzene	0.4	~~1.061136~~	1	0.8986028	5	0.8927718	10	0.8863936	25	0.9320246	50	0.9723414

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	0.4	~~0.8317277~~	1	0.8325808	5	0.8363721	10	0.8867271	25	0.9601242	50	0.985074
Bromochloromethane	0.4	~~0.1544679~~	1	0.1425595	5	0.1338296	10	0.1330031	25	0.1411309	50	0.1400162
Bromodichloromethane	0.4	0.2849128	1	0.2713625	5	0.2612964	10	0.2609259	25	0.2828976	50	0.2962421
Bromoform	0.4	~~0.1722757~~	1	0.1721482	5	0.1745576	10	0.1820109	25	0.2030982	50	0.2037354
Bromomethane	0.4	~~0.1941259~~	1	0.1376961	5	0.1237084	10	0.132214	25	0.149175	50	0.166339
Carbon Disulfide	0.4	~~0.9688276~~	1	0.829774	5	0.7845083	10	0.7786169	25	0.8051507	50	0.8326276
Carbon Tetrachloride	0.4	~~0.2847526~~	1	0.2317142	5	0.2286628	10	0.227206	25	0.2418994	50	0.2576508
Chlorobenzene	0.4	~~1.146084~~	1	0.9809764	5	0.9180016	10	0.9449121	25	1.009789	50	1.028456
Chloroethane	0.4		1	0.1421041	5	0.1160356	10	0.1157197	25	0.1152724	50	0.1149974
Chloroform	0.4	~~0.542099~~	1	0.4145165	5	0.3850354	10	0.3801093	25	0.3942345	50	0.4094532
Chloromethane	0.4	~~0.394838~~	1	0.2952627	5	0.2640033	10	0.2483427	25	0.2463019	50	0.2492085
cis-1,2-Dichloroethene	0.4	~~0.352017~~	1	0.2922211	5	0.2918727	10	0.2930752	25	0.3033974	50	0.3139863
cis-1,3-Dichloropropene	0.4	0.2792674	1	0.2669546	5	0.2767565	10	0.2762363	25	0.3071433	50	0.327384
Dibromochloromethane	0.4	0.3671832	1	0.2959147	5	0.2834858	10	0.3038537	25	0.3460725	50	0.3486401
Dibromomethane	0.4	~~0.1941058~~	1	0.1814899	5	0.1564917	10	0.1537568	25	0.1642729	50	0.1665484
Dichlorodifluoromethane	0.4	~~0.297625~~	1	0.2265497	5	0.2181977	10	0.2087905	25	0.2095771	50	0.2096017
Diethyl Ether	0.4	~~0.1446785~~	1	0.1369705	5	0.1316944	10	0.1277628	25	0.1427198	50	0.147433
Di-isopropyl ether	0.4	~~0.945265~~	1	0.7962088	5	0.7593625	10	0.7822125	25	0.8356565	50	0.8626853
Ethyl tertiary-butyl ether	0.4	~~0.5173553~~	1	0.4647331	5	0.4633569	10	0.4651755	25	0.5189402	50	0.529832
Ethylbenzene	0.4	~~1.392263~~	1	1.261115	5	1.22991	10	1.303793	25	1.448359	50	1.493365
Hexachlorobutadiene	0.4	0.2880236	1	0.3059043	5	0.2699149	10	0.2880979	25	0.2965175	50	0.3171643
Hexachloroethane	0.4	~~0.339805~~	1	0.4239475	5	0.3982383	10	0.4155852	25	0.4477842	50	0.4766827
Isopropylbenzene	0.4	~~2.800225~~	1	2.550629	5	2.691676	10	2.799173	25	3.017323	50	3.19477
Methyl tert-Butyl Ether	0.4	~~0.3808046~~	1	0.3322091	5	0.3208396	10	0.3193566	25	0.3523086	50	0.358138
Methylene Chloride	0.4	~~0.4005635~~	1	0.3137668	5	0.2944665	10	0.2840104	25	0.2869195	50	0.2894269
Naphthalene	0.4	~~0.9336773~~	1	1.080557	5	1.09511	10	1.134031	25	1.349804	50	1.399968
n-Butylbenzene	0.4	~~1.631838~~	1	1.522704	5	1.657615	10	1.764641	25	1.962076	50	2.084962
n-Propylbenzene	0.4	~~2.978879~~	1	2.756911	5	2.963209	10	3.10167	25	3.375406	50	3.560876
sec-Butylbenzene	0.4	~~2.448886~~	1	2.332425	5	2.394455	10	2.541776	25	2.720594	50	2.869035
Styrene	0.4	~~0.8131401~~	1	0.7635815	5	0.8008606	10	0.8726929	25	0.9996608	50	1.037654
tert-Butylbenzene	0.4	~~1.609496~~	1	1.489413	5	1.479268	10	1.56933	25	1.726849	50	1.829396

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	0.4	~~0.4817212~~	1	0.3851894	5	0.37494	10	0.3684581	25	0.3960193	50	0.395445
Tetrachloroethene	0.4	~~0.2570865~~	1	0.2457902	5	0.2119424	10	0.221591	25	0.2341099	50	0.2351139
Tetrahydrofuran	0.4	~~1.727654E-02~~	1	~~5.802891E-02~~	5	3.897047E-02	10	3.667237E-02	25	4.249663E-02	50	3.671623E-02
Toluene	0.4	~~0.7897561~~	1	0.6034945	5	0.5887022	10	0.578211	25	0.6012394	50	0.6189156
trans-1,2-Dichloroethene	0.4	~~0.2919595~~	1	0.2705288	5	0.2393313	10	0.2449443	25	0.2547599	50	0.2693199
trans-1,3-Dichloropropene	0.4	0.2023938	1	0.1833735	5	0.1981599	10	0.1989523	25	0.232201	50	0.2501415
Trichloroethene	0.4	~~0.3322181~~	1	0.2701274	5	0.2481672	10	0.2448672	25	0.2588469	50	0.2672291
Trichlorofluoromethane	0.4	~~0.4048476~~	1	0.2854741	5	0.2721468	10	0.2707478	25	0.2805617	50	0.2901524
Vinyl Acetate	0.4	~~0.4209831~~	1	0.3728456	5	0.3453098	10	0.3322451	25	0.3813204	50	0.4004412
Vinyl Chloride	0.4	~~0.290398~~	1	0.2335052	5	0.2202824	10	0.2066108	25	0.2098735	50	0.2086592
Xylene O	0.4	~~0.5456709~~	1	0.4952924	5	0.5085095	10	0.5240943	25	0.5683379	50	0.5850811
Xylene P,M	0.8	~~0.5226746~~	2	0.47839	10	0.4932398	20	0.5257488	50	0.570126	100	0.5806568
1,2-Dichloroethane-d4	0.4	~~0.2121431~~	1	0.1661586	5	0.1667934	10	0.1627534	25	0.1722853	50	0.1727883
4-Bromofluorobenzene	0.4	~~0.4912497~~	1	0.4311457	5	0.3952023	10	0.4202818	25	0.4539967	50	0.4650718
Dibromofluoromethane	0.4	~~0.3797035~~	1	0.3126938	5	0.291457	10	0.295792	25	0.3076072	50	0.3193165
Toluene-d8	0.4	~~1.49816~~	1	1.234757	5	1.153294	10	1.232076	25	1.324495	50	1.367859

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	100	0.3299943										
1,1,1-Trichloroethane	100	0.3097543										
1,1,2,2-Tetrachloroethane	100	0.9228712										
1,1,2-Trichloroethane	100	0.1703783										
1,1-Dichloroethane	100	0.4192066										
1,1-Dichloroethene	100	0.2453317										
1,1-Dichloropropene	100	0.2967924										
1,2,3-Trichlorobenzene	100	0.6148987										
1,2,3-Trichloropropane	100	0.5613264										
1,2,4-Trichlorobenzene	100	0.7847503										
1,2,4-Trimethylbenzene	100	2.670591										
1,2-Dibromo-3-Chloropropane	100	9.233604E-02										
1,2-Dibromoethane	100	0.3485258										
1,2-Dichlorobenzene	100	1.464467										
1,2-Dichloroethane	100	0.2037667										
1,2-Dichloropropane	100	0.2573										
1,3,5-Trimethylbenzene	100	2.522071										
1,3-Dichlorobenzene	100	1.536609										
1,3-Dichloropropane	100	0.485781										
1,4-Dichlorobenzene	100	1.62195										
1,4-Dioxane - Screen	2000	7.830609E-04										
1-Chlorohexane	100	0.3674909										
2,2-Dichloropropane	100	0.2390185										
2-Butanone	500	1.338682E-02										
2-Chlorotoluene	100	2.463207										
2-Hexanone	500	0.172347										
4-Chlorotoluene	100	2.584713										
4-Isopropyltoluene	100	2.416576										
4-Methyl-2-Pentanone	500	5.619383E-02										
Acetone	500	9.924578E-03										
Benzene	100	1.00172										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	100	1.020246										
Bromochloromethane	100	0.1390065										
Bromodichloromethane	100	0.3035327										
Bromoform	100	0.2255241										
Bromomethane	100	0.1820274										
Carbon Disulfide	100	0.8401441										
Carbon Tetrachloride	100	0.2716406										
Chlorobenzene	100	1.080816										
Chloroethane	100	0.1128682										
Chloroform	100	0.4240161										
Chloromethane	100	0.2546514										
cis-1,2-Dichloroethene	100	0.3208949										
cis-1,3-Dichloropropene	100	0.3423572										
Dibromochloromethane	100	0.3788576										
Dibromomethane	100	0.1658536										
Dichlorodifluoromethane	100	0.2113856										
Diethyl Ether	100	0.1531342										
Di-isopropyl ether	100	0.8908938										
Ethyl tertiary-butyl ether	100	0.5475237										
Ethylbenzene	100	1.557832										
Hexachlorobutadiene	100	0.3354353										
Hexachloroethane	100	0.5007993										
Isopropylbenzene	100	3.318087										
Methyl tert-Butyl Ether	100	0.3763865										
Methylene Chloride	100	0.2840789										
Naphthalene	100	1.509916										
n-Butylbenzene	100	2.195882										
n-Propylbenzene	100	3.699872										
sec-Butylbenzene	100	2.985717										
Styrene	100	1.121326										
tert-Butylbenzene	100	1.903115										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	100	0.411003										
Tetrachloroethene	100	0.2495957										
Tetrahydrofuran	100	3.965352E-02										
Toluene	100	0.6168126										
trans-1,2-Dichloroethene	100	0.2783592										
trans-1,3-Dichloropropene	100	0.2626817										
Trichloroethene	100	0.2739992										
Trichlorofluoromethane	100	0.3219452										
Vinyl Acetate	100	0.428974										
Vinyl Chloride	100	0.199533										
Xylene O	100	0.6193239										
Xylene P,M	200	0.6129679										
1,2-Dichloroethane-d4	100	0.1749358										
4-Bromofluorobenzene	100	0.4885798										
Dibromofluoromethane	100	0.3261586										
Toluene-d8	100	1.420703										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	0911010	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	11/09/09 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2931296	8.680353	17.09667	4.747962E-02			15	
1,1,1-Trichloroethane	0.2845196	5.62166	10.90333	4.696305E-02			15	
1,1,2,2-Tetrachloroethane	0.9305839	4.525354	18.58143	2.220922E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.1657772	3.551339	14.61	1.201016E-02			15	
1,1-Dichloroethane	0.3944064	4.665113	8.523334	6.075473E-02			SPCC (0.1)	
1,1-Dichloroethene	0.2337234	4.321594	6.843333	7.492795E-02			CCC (30)	
1,1-Dichloropropene	0.2716946	6.333456	11.20333	4.538384E-02			15	
1,2,3-Trichlorobenzene	0.547229	9.894073	25.12	3.062307E-02			15	
1,2,3-Trichloropropane	0.5633924	4.386737	18.85167	1.722381E-02			15	
1,2,4-Trichlorobenzene	0.6984926	9.62484	24.47167	2.441296E-02			15	
1,2,4-Trimethylbenzene	2.438651	7.583504	21.25833	1.928005E-02			15	
1,2-Dibromo-3-Chloropropane	8.389576E-02	10.10058	22.63333	3.891093E-02			15	
1,2-Dibromoethane	0.3093678	9.293004	15.81667	5.131649E-02			15	
1,2-Dichlorobenzene	1.382238	4.445088	22.03	1.352857E-02			15	
1,2-Dichloroethane	0.1967258	3.30013	10.75833	6.961422E-02			15	
1,2-Dichloropropane	0.2391939	5.141541	12.48333	3.572834E-02			CCC (30)	
1,3,5-Trimethylbenzene	2.267956	9.048433	20.685	2.388171E-02			15	
1,3-Dichlorobenzene	1.430704	5.041823	21.48333	2.573779E-02			15	
1,3-Dichloropropane	0.4351445	8.730919	14.99667	5.354729E-02			15	
1,4-Dichlorobenzene	1.576046	3.89349	21.57667	2.949674E-02			15	
1,4-Dioxane - Screen	6.853497E-04	19.33793	12.858	0.1286021	0.99998		0.99	
1-Chlorohexane	0.3176972	10.86583	17.135	2.490055E-02			15	
2,2-Dichloropropane	0.2122965	8.92918	9.863333	0.0562045			15	
2-Butanone	1.185339E-02	11.83821	9.248	0.1774871			15	
2-Chlorotoluene	2.303652	4.986807	20.32167	9.520208E-03			15	
2-Hexanone	0.1457571	16.22396	15.28667	8.012398E-02	0.99927		0.99	
4-Chlorotoluene	2.388677	5.73471	20.46	4.644971E-02			15	
4-Isopropyltoluene	2.113235	10.17658	21.66	1.944104E-02			15	
4-Methyl-2-Pentanone	5.174424E-02	9.919967	13.87	0.0643923			15	
Acetone	1.029141E-02	2.897644	6.23	0.1129895			15	
Benzene	0.9306424	5.088201	11.54	5.558068E-02			15	
Bromobenzene	0.9201874	8.644367	19.77167	0.0334538			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Bromochloromethane	0.1382576	2.850001	9.67	1.613194E-02			15	
Bromodichloromethane	0.2801671	5.897753	12.62714	4.294941E-02			15	
Bromoform	0.1935124	10.76344	18.05833	1.529436E-02			SPCC (0.1)	
Bromomethane	0.1485266	14.87126	4.855	0.1723356			15	
Carbon Disulfide	0.8118036	3.235894	7.393333	7.091848E-02			15	
Carbon Tetrachloride	0.243129	7.399848	11.47	2.519655E-02			15	
Chlorobenzene	0.9938252	5.923585	17.22667	3.517413E-02			SPCC (0.3)	
Chloroethane	0.1194996	9.313693	5.096667	0.1006095	0.99996		0.99	
Chloroform	0.4012275	4.346493	9.743333	4.998733E-02			CCC (30)	
Chloromethane	0.2596284	7.158794	3.926667	0.1316055	0.99991		SPCC (0.1)	
cis-1,2-Dichloroethene	0.3025746	4.123903	9.42	2.007992E-02			15	
cis-1,3-Dichloropropene	0.2965856	9.868849	13.66286	5.447995E-02			15	
Dibromochloromethane	0.3320011	11.24074	15.42143	4.407523E-02			15	
Dibromomethane	0.1647356	5.91011	12.42333	4.721233E-02			15	
Dichlorodifluoromethane	0.214017	3.290694	3.646667	0.1402336			15	
Diethyl Ether	0.1399525	6.876209	6.42	0.138681			15	
Di-isopropyl ether	0.8211699	6.150843	9.27	1.389425E-02			15	
Ethyl tertiary-butyl ether	0.4982602	7.6625	9.88	7.915292E-03			15	
Ethylbenzene	1.382396	9.79014	17.57	1.494183E-02			CCC (30)	
Hexachlorobutadiene	0.3001511	7.180868	24.91286	3.522779E-02			15	
Hexachloroethane	0.4438395	8.791062	22.70667	2.966284E-02			15	
Isopropylbenzene	2.92861	10.20003	19.30333	3.796303E-02			15	
Methyl tert-Butyl Ether	0.3432064	6.6401	8.346667	5.953642E-02			15	
Methylene Chloride	0.2921115	3.869507	7.096667	0.0732963			15	
Naphthalene	1.261564	14.41503	24.83	2.173907E-02			15	
n-Butylbenzene	1.864647	13.93408	22.18	1.526915E-02			15	
n-Propylbenzene	3.242991	11.21885	20.17667	3.799732E-02			15	
sec-Butylbenzene	2.640667	9.918733	21.405	2.716705E-02			15	
Styrene	0.9326293	15.21387	18.47167	3.921715E-02	0.99931		0.99	
tert-Butylbenzene	1.666228	10.80354	21.09333	2.885018E-02			15	
Tertiary-amyl methyl ether	0.3885091	4.000276	11.825	4.365905E-02			15	
Tetrachloroethene	0.2330238	6.124225	16.11	2.648718E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	0911321
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	0911010	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	11/09/09 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	3.890184E-02	6.196044	10.29	0.1542977			15	
Toluene	0.6012292	2.627237	14.91667	3.171421E-02			CCC (30)	
trans-1,2-Dichloroethene	0.2595406	6.005787	8.141667	4.962258E-02			15	
trans-1,3-Dichloropropene	0.218272	13.78203	14.37	4.388809E-02			15	
Trichloroethene	0.2605395	4.603894	12.55167	6.078222E-02			15	
Trichlorofluoromethane	0.286838	6.539895	5.996667	8.558329E-02			15	
Vinyl Acetate	0.376856	9.414509	8.796667	0.1368271			15	
Vinyl Chloride	0.2130774	5.648402	4.225	0.1288214			CCC (30)	
Xylene O	0.5501065	8.815347	18.59333	2.878283E-02			15	
Xylene P,M	0.5435216	9.734149	17.89833	3.670462E-02			15	
1,2-Dichloroethane-d4	0.1692858	2.793936	10.63833	4.135286E-02			15	
4-Bromofluorobenzene	0.4423797	7.581646	19.36	4.691607E-02			15	
Dibromofluoromethane	0.3088375	4.34051	9.94	1.841074E-02			15	
Toluene-d8	1.288864	7.713862	14.80333	3.454713E-02			15	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Laboratory ID: BSK0051-SCV1
Sequence: BSK0051
Standard ID: 9K09050

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
1,1,1,2-Tetrachloroethane	10.00	10.0	0.0	
1,1,1-Trichloroethane	10.00	9.70	-3.0	
1,1,2,2-Tetrachloroethane	10.00	9.89	-1.1	
1,1,2-Trichloroethane	10.00	9.90	-1.0	
1,1-Dichloroethane	10.00	10.0	0.0	
1,1-Dichloroethene	10.00	9.76	-2.4	
1,1-Dichloropropene	10.00	9.63	-3.7	
1,2,3-Trichlorobenzene	10.00	9.96	-0.4	
1,2,3-Trichloropropane	10.00	9.89	-1.1	
1,2,4-Trichlorobenzene	10.00	9.36	-6.4	
1,2,4-Trimethylbenzene	10.00	10.5	5.4	
1,2-Dibromo-3-Chloropropane	10.00	10.0	0.4	
1,2-Dibromoethane	10.00	9.68	-3.2	
1,2-Dichlorobenzene	10.00	10.0	0.4	
1,2-Dichloroethane	10.00	9.99	-0.1	
1,2-Dichloropropane	10.00	10.0	0.5	
1,3,5-Trimethylbenzene	10.00	10.2	1.8	
1,3-Dichlorobenzene	10.00	9.76	-2.4	
1,3-Dichloropropane	10.00	9.85	-1.5	
1,4-Dichlorobenzene	10.00	9.98	-0.2	
1,4-Dioxane - Screen	200.0	154	-23.1	
1-Chlorohexane	10.00	9.41	-5.9	
2,2-Dichloropropane	10.00	8.39	-16.1	
2-Butanone	50.00	48.4	-3.2	
2-Chlorotoluene	10.00	9.80	-2.0	
2-Hexanone	50.00	48.9	-2.2	
4-Chlorotoluene	10.00	9.70	-3.0	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Laboratory ID: BSK0051-SCV1
Sequence: BSK0051
Standard ID: 9K09050

4-Isopropyltoluene	10.00	9.19	-8.1	
4-Methyl-2-Pentanone	50.00	48.8	-2.4	
Acetone	50.00	49.3	-1.5	
Benzene	10.00	10.2	2.2	
Bromobenzene	10.00	10.2	1.5	
Bromochloromethane	10.00	9.80	-2.0	
Bromodichloromethane	10.00	10.0	0.1	
Bromoform	10.00	9.19	-8.1	
Bromomethane	10.00	9.04	-9.6	
Carbon Disulfide	10.00	10.5	5.3	
Carbon Tetrachloride	10.00	9.69	-3.1	
Chlorobenzene	10.00	9.74	-2.6	
Chloroethane	10.00	10.5	5.3	
Chloroform	10.00	9.81	-1.9	
Chloromethane	10.00	10.4	4.4	
cis-1,2-Dichloroethene	10.00	9.69	-3.1	
cis-1,3-Dichloropropene	10.00	9.90	-1.0	
Dibromochloromethane	10.00	9.49	-5.1	
Dibromomethane	10.00	9.77	-2.3	
Dichlorodifluoromethane	10.00	9.94	-0.6	
Diethyl Ether	10.00	10.1	1.2	
Di-isopropyl ether	10.00	9.91	-0.9	
Ethyl tertiary-butyl ether	10.00	9.53	-4.7	
Ethylbenzene	10.00	10.1	1.1	
Hexachlorobutadiene	10.00	11.4	13.5	
Hexachloroethane	10.00	9.36	-6.4	
Isopropylbenzene	10.00	8.53	-14.7	
Methyl tert-Butyl Ether	10.00	9.77	-2.3	
Methylene Chloride	10.00	10.5	5.3	

SECOND-SOURCE CALIBRATION VERIFICATION

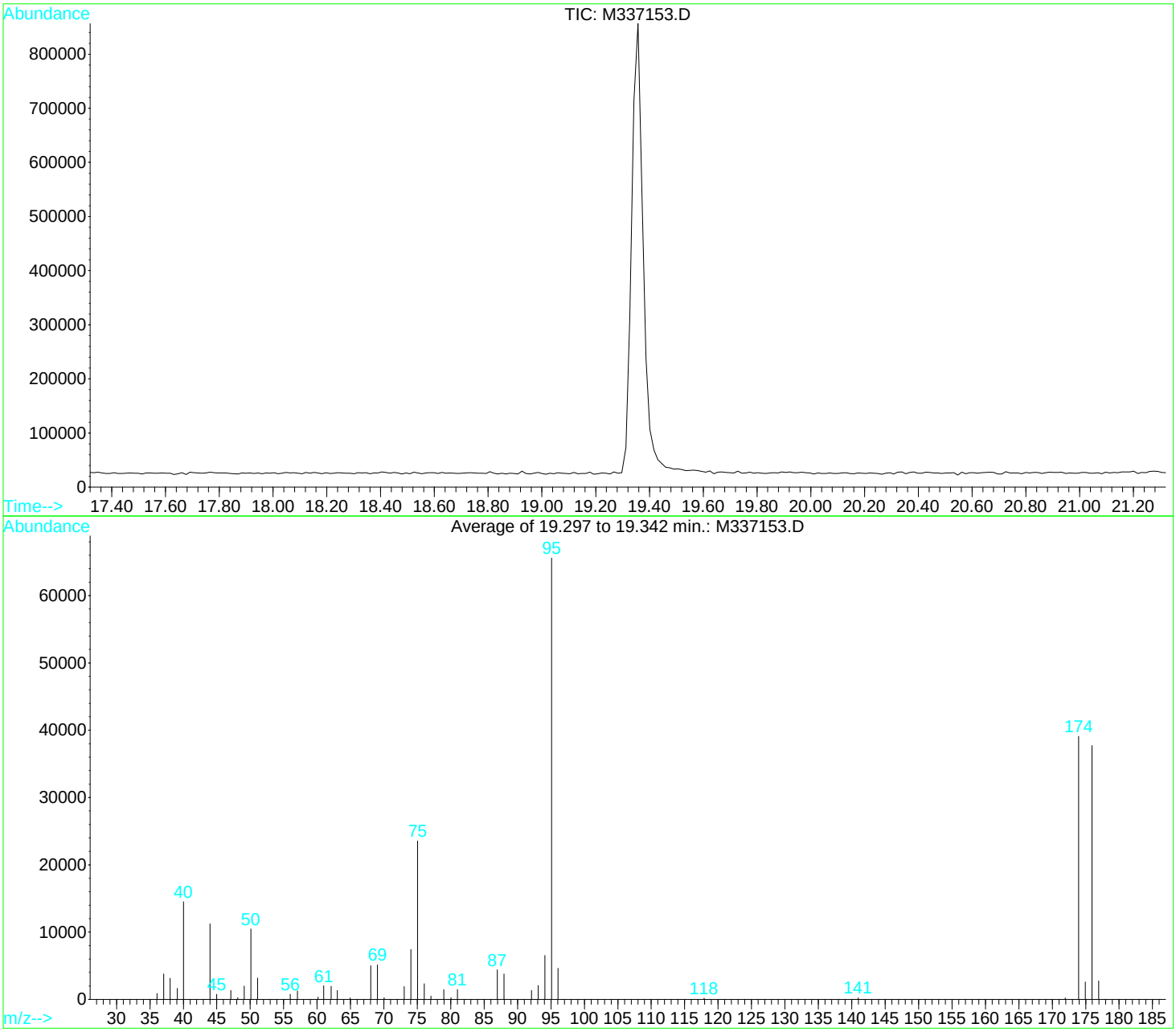
8260B

Laboratory: ESS Laboratory
SDG: 0911321
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Laboratory ID: BSK0051-SCV1
Sequence: BSK0051
Standard ID: 9K09050

Naphthalene	10.00	9.61	-3.9	
n-Butylbenzene	10.00	9.51	-4.9	
n-Propylbenzene	10.00	9.67	-3.3	
sec-Butylbenzene	10.00	9.67	-3.3	
Styrene	10.00	9.90	-1.0	
tert-Butylbenzene	10.00	9.76	-2.4	
Tertiary-amyl methyl ether	10.00	9.83	-1.7	
Tetrachloroethene	10.00	9.74	-2.6	
Tetrahydrofuran	10.00	10.1	0.8	
Toluene	10.00	11.4	14.3	
trans-1,2-Dichloroethene	10.00	10.4	4.5	
trans-1,3-Dichloropropene	10.00	8.63	-13.7	
Trichloroethene	10.00	9.79	-2.1	
Trichlorofluoromethane	10.00	8.35	-16.5	
Vinyl Acetate	10.00	9.97	-0.3	
Vinyl Chloride	10.00	9.75	-2.5	
Xylene O	10.00	10.3	2.6	
Xylene P,M	20.00	20.7	3.3	

* Values outside of QC limits

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337153.D Vial: 1
Acq On : 9 Nov 2009 10:47 am Operator: MD
Sample : BSK0051-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013



Spectrum Information: Average of 19.297 to 19.342 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.0	10469	PASS
75	95	30	60	35.9	23556	PASS
95	95	100	100	100.0	65584	PASS
96	95	5	9	7.1	4642	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	59.6	39099	PASS
175	174	5	9	6.7	2614	PASS
176	174	95	101	96.5	37715	PASS
177	176	5	9	7.3	2756	PASS

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337154.D Vial: 2
Acq On : 9 Nov 2009 11:51 am Operator: MD
Sample : BSK0051-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:21 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	3122008	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.17	117	2143004	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	774893	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	18967	0.51	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	2.04%#		
41) 1,2-Dichloroethane-d4(SURR	10.64	65	10597	0.51	ug/l	-0.02
Spiked Amount 25.000			Recovery =	2.04%		
59) Toluene-d8 (SURR)	14.80	98	51369	0.46	ug/l	-0.02
Spiked Amount 25.000			Recovery =	1.84%		
75) Bromofluorobenzene (SURR)	19.37	95	16844	0.44	ug/l	0.00
Spiked Amount 25.000			Recovery =	1.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	14867	0.55	ug/l	96
3) Chloromethane	3.93	50	19723	0.56	ug/l	100
4) Vinyl Chloride	4.22	62	14506	0.54	ug/l	94
5) Bromomethane	4.85	94	9697	0.58	ug/l	71
7) Trichlorofluoromethane	5.99	101	20223	0.47	ug/l	90
8) Diethyl ether	6.43	59	7227	0.36	ug/l	89
9) Acrolein	6.01	56	1909	Below Cal		71
10) Acetone	6.23	58	4335	2.96	ug/l #	59
11) Iodomethane	6.89	142	17063	0.43	ug/l	90
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	10950	0.39	ug/l	85
13) Methyl Acetate	7.26	43	8831	0.51	ug/l	59
14) Allyl Chloride	7.23	41	21254	0.36	ug/l	99
15) Carbon Disulfide	7.39	76	48395	0.47	ug/l	96
16) 1,1-Dichloroethene	6.84	96	13656	0.44	ug/l	97
17) Methylene Chloride	7.10	84	20009	0.54	ug/l	85
18) Methyl tert-Butyl Ether	8.35	73	19022	0.37	ug/l	80
19) Acrylonitrile	6.98	53	813	0.11	ug/l #	17
20) trans-1,2-Dichloroethene	8.15	96	14584	0.43	ug/l	82
21) 1,1-Dichloroethane	8.52	63	24762	0.48	ug/l	95
22) Vinyl Acetate	8.82	43	21029	0.36	ug/l	80
23) Chloroprene	9.10	53	12291	0.32	ug/l	84
25) Di-isopropyl ether	9.27	45	47218	0.38	ug/l	91
26) Methacrylonitrile	9.40	41	7069	0.47	ug/l #	29
27) cis-1,2 Dichloroethene	9.42	96	17584	0.46	ug/l	92
28) Methyl Acrylate	9.91	55	780	Below Cal		61
29) Ethyl tertiary-butyl ether	9.89	59	25843	0.35	ug/l	91
30) 2,2-Dichloropropane	9.86	77	11621	0.38	ug/l	88
31) Bromochloromethane	9.67	128	7716	0.43	ug/l	95
32) Tetrahydrofuran	10.34	42	863	0.15	ug/l #	39
33) Chloroform	9.74	83	27079	0.53	ug/l	95
35) 1-Chlorobutane	10.90	56	19762	0.39	ug/l	92
36) 1,1,1-Trichloroethane	10.90	97	17066	0.45	ug/l	90
37) 1,1-Dichloropropene	11.20	75	15742	0.44	ug/l	93
38) Cyclohexane	11.32	56	15014	0.41	ug/l	89
39) Carbon Tetrachloride	11.47	117	14224	0.47	ug/l	98
40) Benzene	11.54	78	53006	0.44	ug/l	100
42) 1,2-Dichloroethane	10.77	62	11495	0.47	ug/l	80
43) Tertiary-amyl methyl ether	11.83	73	24063	0.39	ug/l	92
44) Trichloroethene	12.55	95	16595	0.49	ug/l	96
45) 1,2-Dichloropropane	12.48	63	12463	0.40	ug/l	74
46) Dibromomethane	12.42	93	9696	0.48	ug/l	94
47) 2-Nitropropane	12.58	43	1876	3.22	ug/l #	5
48) Bromodichloromethane	12.63	83	14232	0.40	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337154.D Vial: 2
Acq On : 9 Nov 2009 11:51 am Operator: MD
Sample : BSK0051-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:21 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

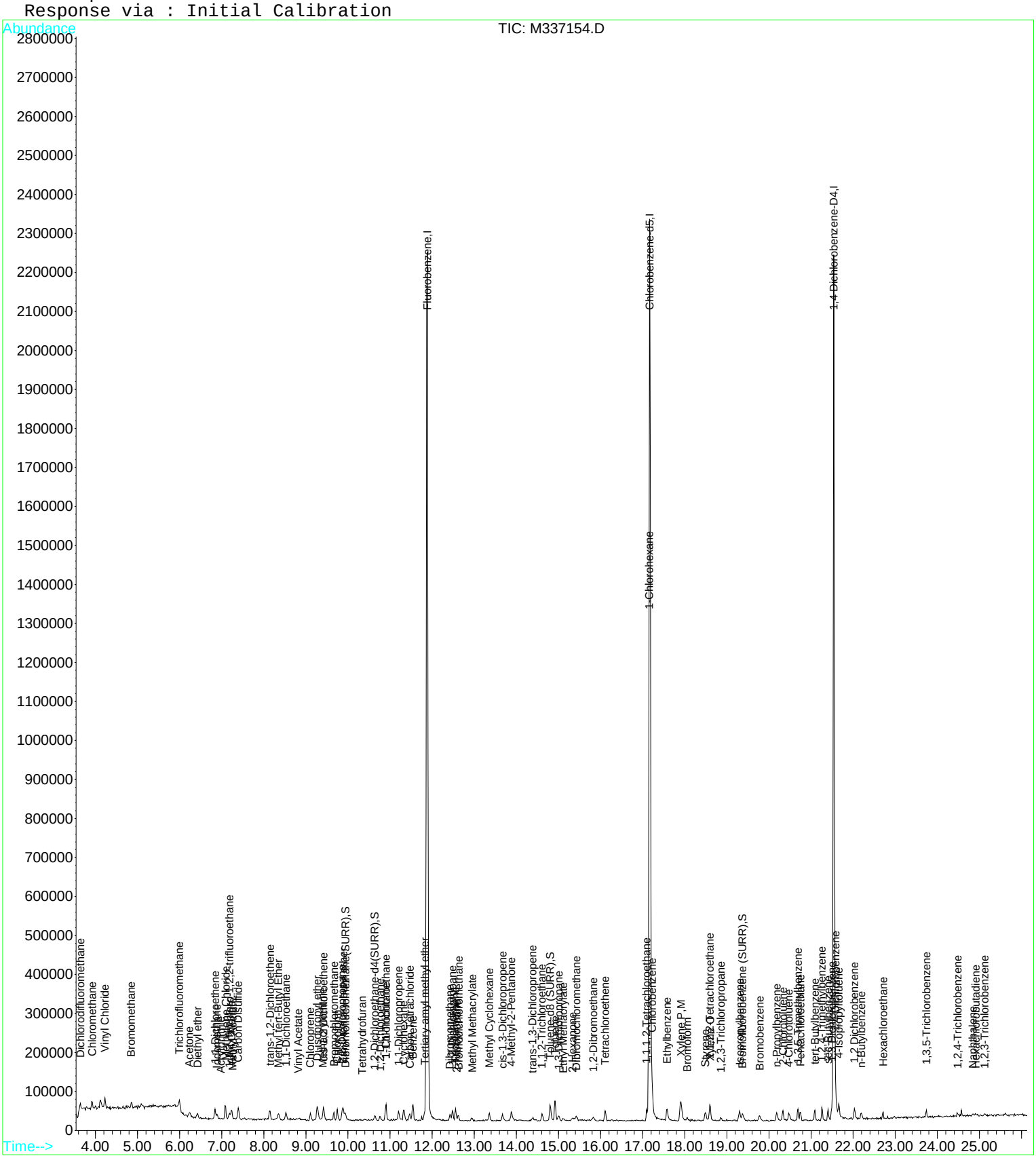
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
50)	Methyl Methacrylate	12.96	41	4742	0.23	ug/l		80
52)	Methyl Cyclohexane	13.36	83	11435	0.41	ug/l		92
53)	4-Methyl-2-Pentanone	13.88	58	10949	1.44	ug/l		92
54)	cis-1,3-Dichloropropene	13.67	75	13950	0.34	ug/l		98
55)	trans-1,3-Dichloropropene	14.38	75	10110	0.34	ug/l	#	37
56)	1,1,2-Trichloroethane	14.61	83	8593	0.42	ug/l		95
57)	Toluene	14.92	92	39450	0.52	ug/l		96
60)	Ethyl Methacrylate	15.11	69	5302	0.21	ug/l		73
61)	2-Hexanone	15.34	43	21045	1.45	ug/l		86
62)	1,3-Dichloropropane	15.01	76	15116	0.41	ug/l		85
63)	Tetrachloroethene	16.11	164	8815	0.43	ug/l		94
64)	Dibromochloromethane	15.43	129	12590	0.47	ug/l		91
65)	1,2-Dibromoethane	15.83	107	11430	0.43	ug/l		85
66)	1-Chlorohexane	17.15	91	13911	0.46	ug/l	#	19
67)	Chlorobenzene	17.22	112	39297	0.47	ug/l		94
68)	1,1,1,2-Tetrachloroethane	17.09	131	11633	0.46	ug/l		95
69)	Ethylbenzene	17.58	91	47738	0.39	ug/l		94
70)	Xylene P,M	17.91	106	35843	0.75	ug/l		88
71)	Xylene O	18.61	106	18710	0.39	ug/l		81
72)	Styrene	18.49	104	27881	0.33	ug/l		83
73)	Bromoform	18.06	173	5907	0.41	ug/l		86
78)	1,2,3-Trichloropropane	18.86	75	5866	0.33	ug/l		71
79)	Isopropylbenzene	19.31	105	34718	0.36	ug/l		99
80)	Bromobenzene	19.78	156	10312	0.34	ug/l		98
81)	1,1,2,2-Tetrachloroethane	18.59	83	12554	0.25	ug/l		94
82)	n-Propylbenzene	20.18	91	36933	0.35	ug/l		97
83)	2-Chlorotoluene	20.33	91	33054	0.45	ug/l		95
84)	4-Chlorotoluene	20.47	91	31373	0.40	ug/l		93
85)	1,3,5-Trimethylbenzene	20.69	105	28126	0.37	ug/l		97
86)	Pentachloroethane	20.75	119	12020	0.76	ug/l		90
87)	tert-Butylbenzene	21.09	119	19955	0.36	ug/l		94
88)	1,2,4-Trimethylbenzene	21.26	105	28141	0.35	ug/l		97
89)	sec-Butylbenzene	21.40	105	30362	0.36	ug/l		100
90)	1,3 Dichlorobenzene	21.49	146	19389	0.42	ug/l		99
91)	4-Isopropyltoluene	21.66	119	25704	0.37	ug/l		90
92)	1,4 Dichlorobenzene	21.58	146	23571	0.47	ug/l		93
93)	n-Butylbenzene	22.19	91	20232	0.33	ug/l		99
94)	1,2 Dichlorobenzene	22.03	146	18237	0.41	ug/l		84
96)	Hexachloroethane	22.71	117	4213	0.37	ug/l	#	76
97)	1,3,5-Trichlorobenzene	23.74	180	9784	0.39	ug/l		98
98)	1,2,4-Trichlorobenzene	24.48	180	7713	0.35	ug/l		96
99)	Hexachlorobutadiene	24.91	225	3571	0.37	ug/l		85
100)	Naphthalene	24.84	128	11576	0.26	ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	5346	0.31	ug/l	#	69

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337154.D Vial: 2
Acq On : 9 Nov 2009 11:51 am Operator: MD
Sample : BSK0051-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:21 2009 Quant Results File: AQ101609.RES

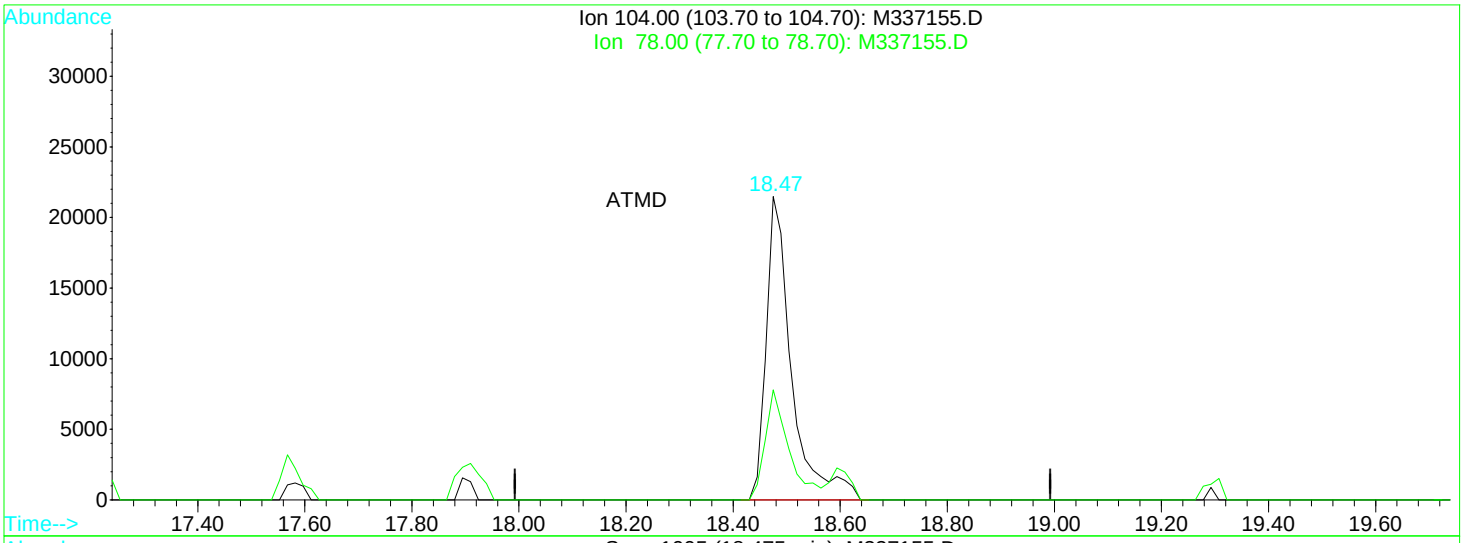
Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration

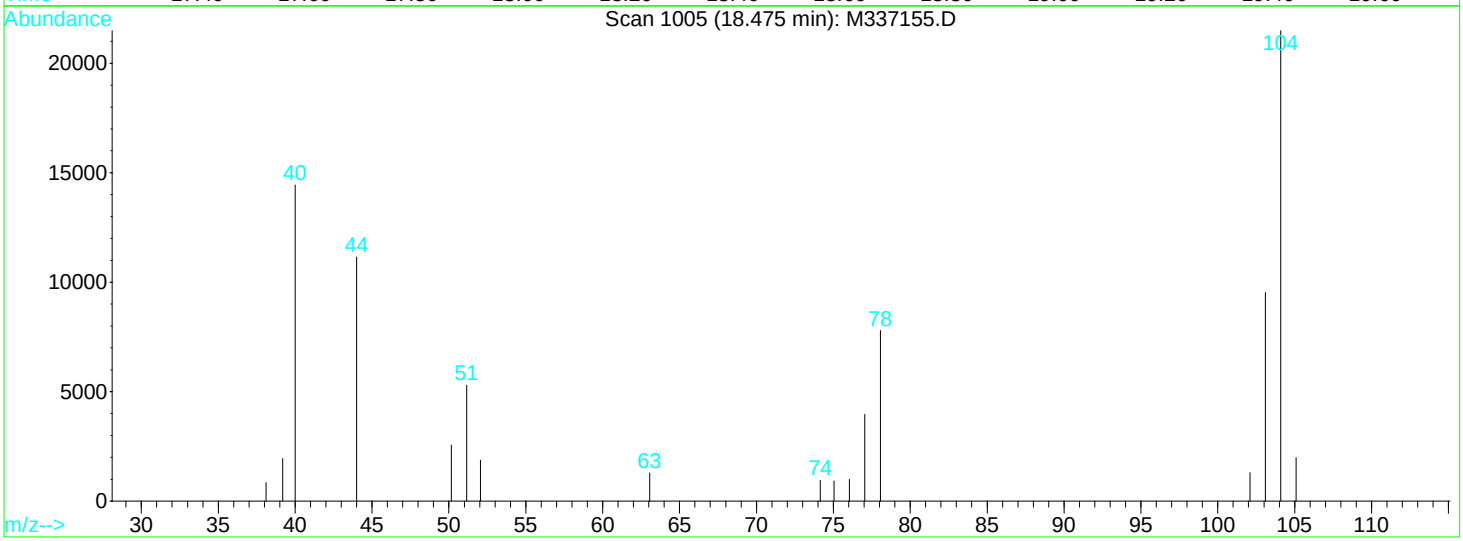


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:53 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(72) Styrene

18.47min 0.82ug/l

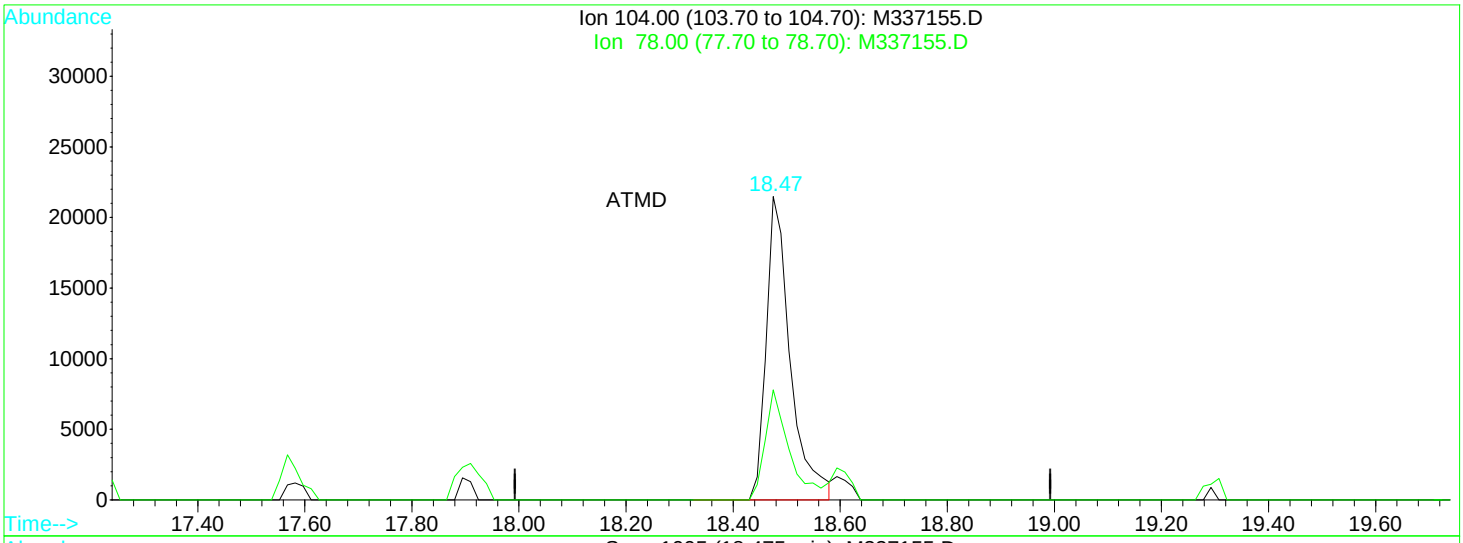
response 71029

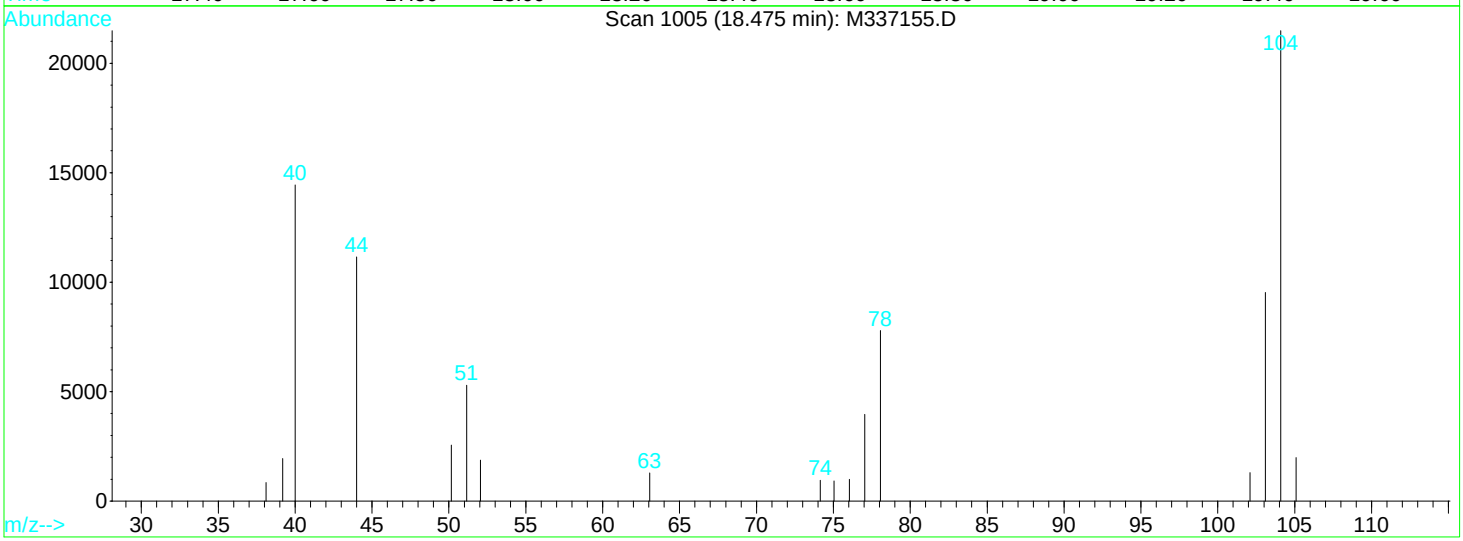
Ion	Exp%	Act%
104.00	100	100
78.00	34.40	36.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(72) Styrene

18.47min 0.78ug/l m

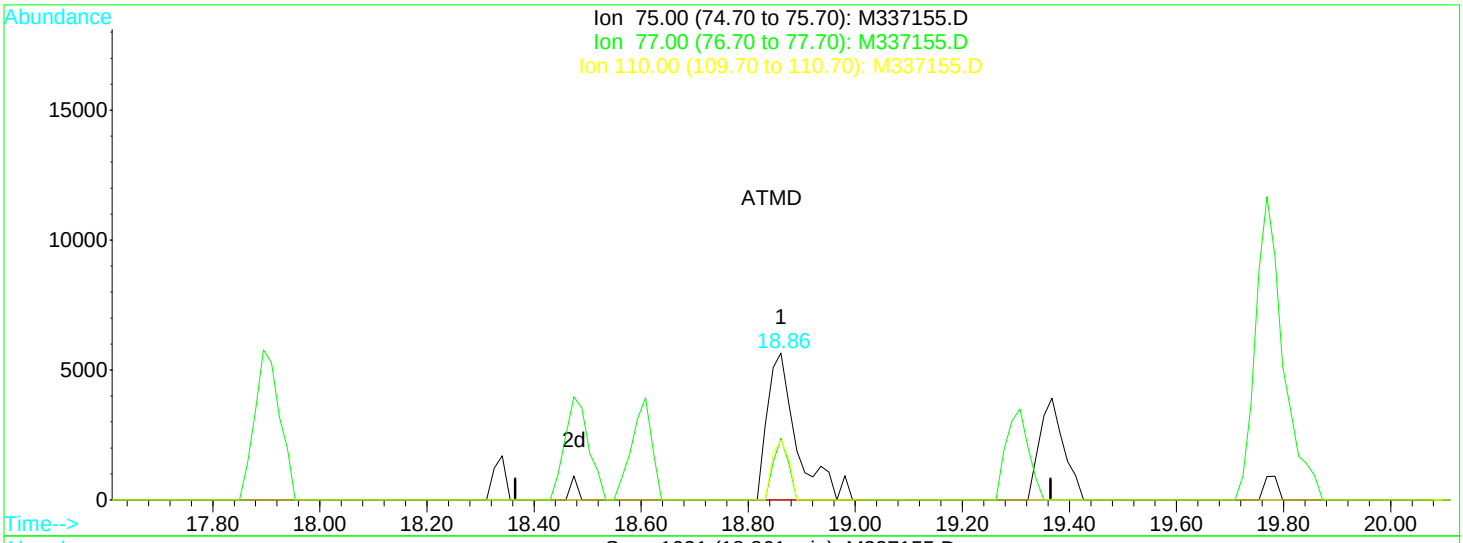
response 67471

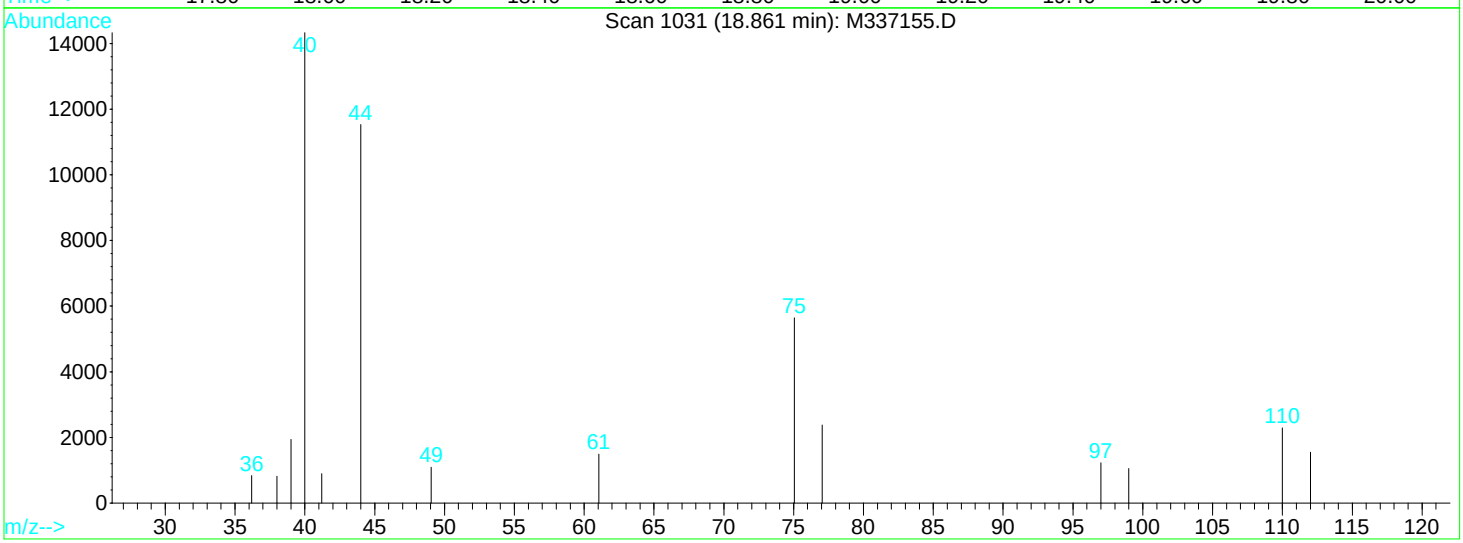
Ion	Exp%	Act%
104.00	100	100
78.00	34.40	36.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(78) 1,2,3-Trichloropropane

18.86min 1.19ug/l

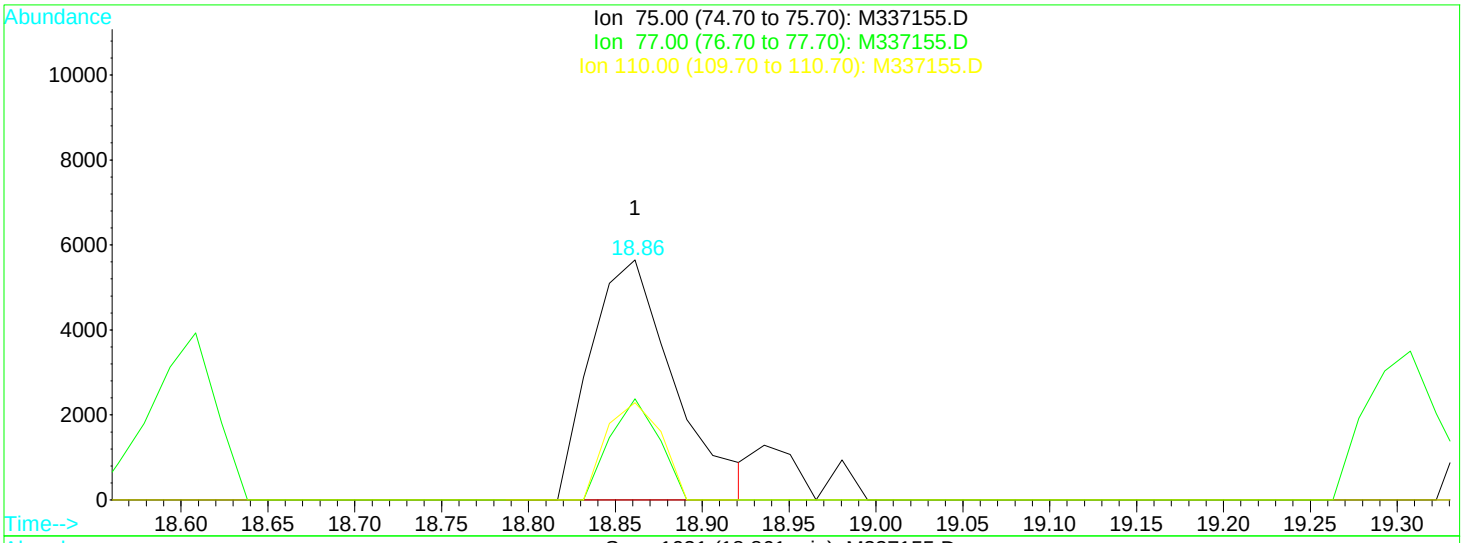
response 21797

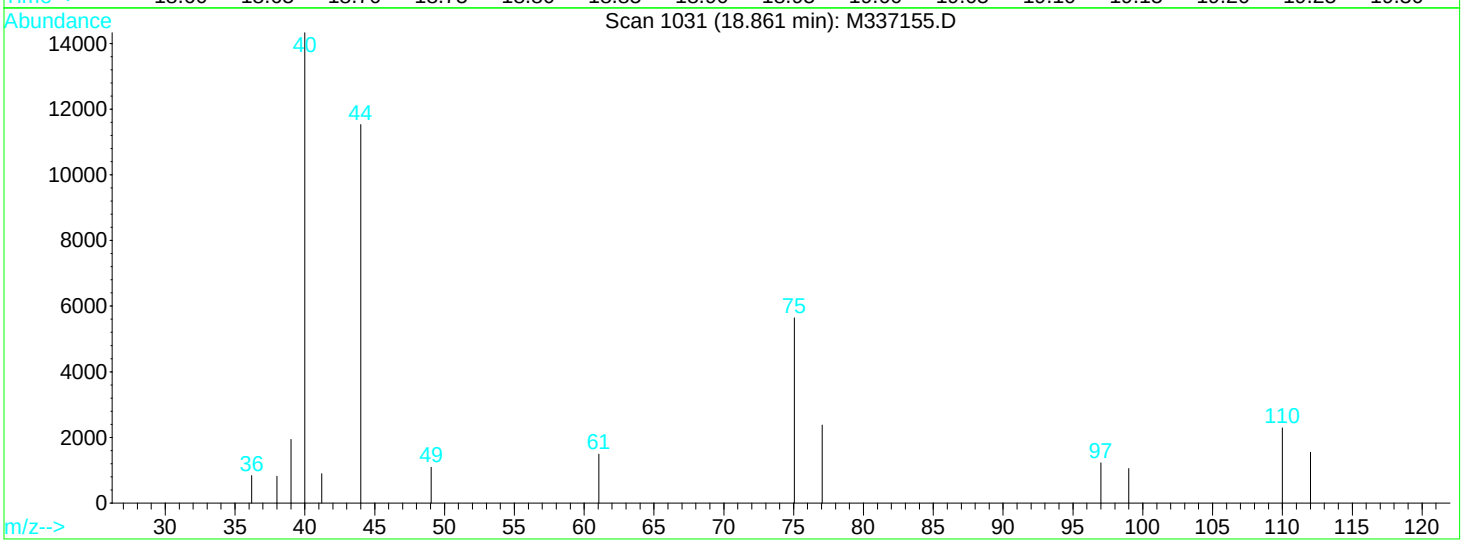
Ion	Exp%	Act%
75.00	100	100
77.00	33.40	42.19
110.00	37.20	40.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(78) 1,2,3-Trichloropropane

18.86min 1.03ug/l m

response 18852

Ion	Exp%	Act%
75.00	100	100
77.00	33.40	42.19
110.00	37.20	40.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.89	96	3238472	25.00	ug/l		-0.02
58) Chlorobenzene-d5	17.17	117	2208998	25.00	ug/l		-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	788482	25.00	ug/l		-0.02
System Monitoring Compounds							
34) Dibromofluoromethane(SURR)	9.94	111	40506	1.05	ug/l		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	4.20%#			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	21524	1.01	ug/l		-0.02
Spiked Amount 25.000			Recovery =	4.04%			
59) Toluene-d8 (SURR)	14.80	98	109103	0.95	ug/l		-0.02
Spiked Amount 25.000			Recovery =	3.80%			
75) Bromofluorobenzene (SURR)	19.37	95	38096	0.96	ug/l		0.00
Spiked Amount 25.000			Recovery =	3.84%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	29347	1.05	ug/l		99
3) Chloromethane	3.93	50	38248	1.04	ug/l		89
4) Vinyl Chloride	4.23	62	30248	1.09	ug/l		94
5) Bromomethane	4.85	94	17837	1.04	ug/l		87
6) Chloroethane	5.10	64	18408	0.69	ug/l		94
7) Trichlorofluoromethane	6.00	101	36980	0.83	ug/l		97
8) Diethyl ether	6.43	59	17743	0.86	ug/l		91
9) Acrolein	6.01	56	4112	Below Cal		#	53
10) Acetone	6.23	58	10302	6.78	ug/l	#	66
11) Iodomethane	6.89	142	36360	0.89	ug/l		98
12) 1,1,2-Trichloro-1,2,2-trif	7.19	101	30246	1.05	ug/l		97
13) Methyl Acetate	7.23	43	19598	1.09	ug/l		59
14) Allyl Chloride	7.23	41	44705	0.72	ug/l		92
15) Carbon Disulfide	7.39	76	107488	1.01	ug/l		98
16) 1,1-Dichloroethene	6.84	96	31007	0.97	ug/l		94
17) Methylene Chloride	7.10	84	40645	1.06	ug/l		90
18) Methyl tert-Butyl Ether	8.35	73	43034	0.81	ug/l		87
19) Acrylonitrile	6.99	53	6887	0.86	ug/l	#	72
20) trans-1,2-Dichloroethene	8.14	96	35044	1.00	ug/l		96
21) 1,1-Dichloroethane	8.52	63	50439	0.94	ug/l		96
22) Vinyl Acetate	8.81	43	48298	0.81	ug/l		80
23) Chloroprene	9.10	53	32089	0.81	ug/l		89
24) 2-Butanone	9.31	72	4568	2.87	ug/l	#	1
25) Di-isopropyl ether	9.27	45	103140	0.79	ug/l		97
26) Methacrylonitrile	9.40	41	15896	1.02	ug/l		84
27) cis-1,2 Dichloroethene	9.42	96	37854	0.95	ug/l		97
28) Methyl Acrylate	9.95	55	12670	0.60	ug/l		61
29) Ethyl tertiary-butyl ether	9.88	59	60201	0.78	ug/l		97
30) 2,2-Dichloropropane	9.86	77	25708	0.81	ug/l		93
31) Bromochloromethane	9.67	128	18467	1.00	ug/l		86
32) Tetrahydrofuran	10.34	42	7517	1.27	ug/l	#	39
33) Chloroform	9.74	83	53696	1.01	ug/l		96
35) 1-Chlorobutane	10.90	56	43988	0.84	ug/l		99
36) 1,1,1-Trichloroethane	10.90	97	35681	0.91	ug/l		97
37) 1,1-Dichloropropene	11.20	75	33380	0.91	ug/l		98
38) Cyclohexane	11.34	56	32165	0.84	ug/l		95
39) Carbon Tetrachloride	11.47	117	30016	0.96	ug/l		95
40) Benzene	11.54	78	116404	0.94	ug/l		100
42) 1,2-Dichloroethane	10.77	62	26121	1.03	ug/l		97
43) Tertiary-amyl methyl ether	11.83	73	49897	0.78	ug/l		88
44) Trichloroethene	12.55	95	34992	1.00	ug/l		94
45) 1,2-Dichloropropane	12.48	63	30077	0.92	ug/l		95
46) Dibromomethane	12.42	93	23510	1.13	ug/l		84

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

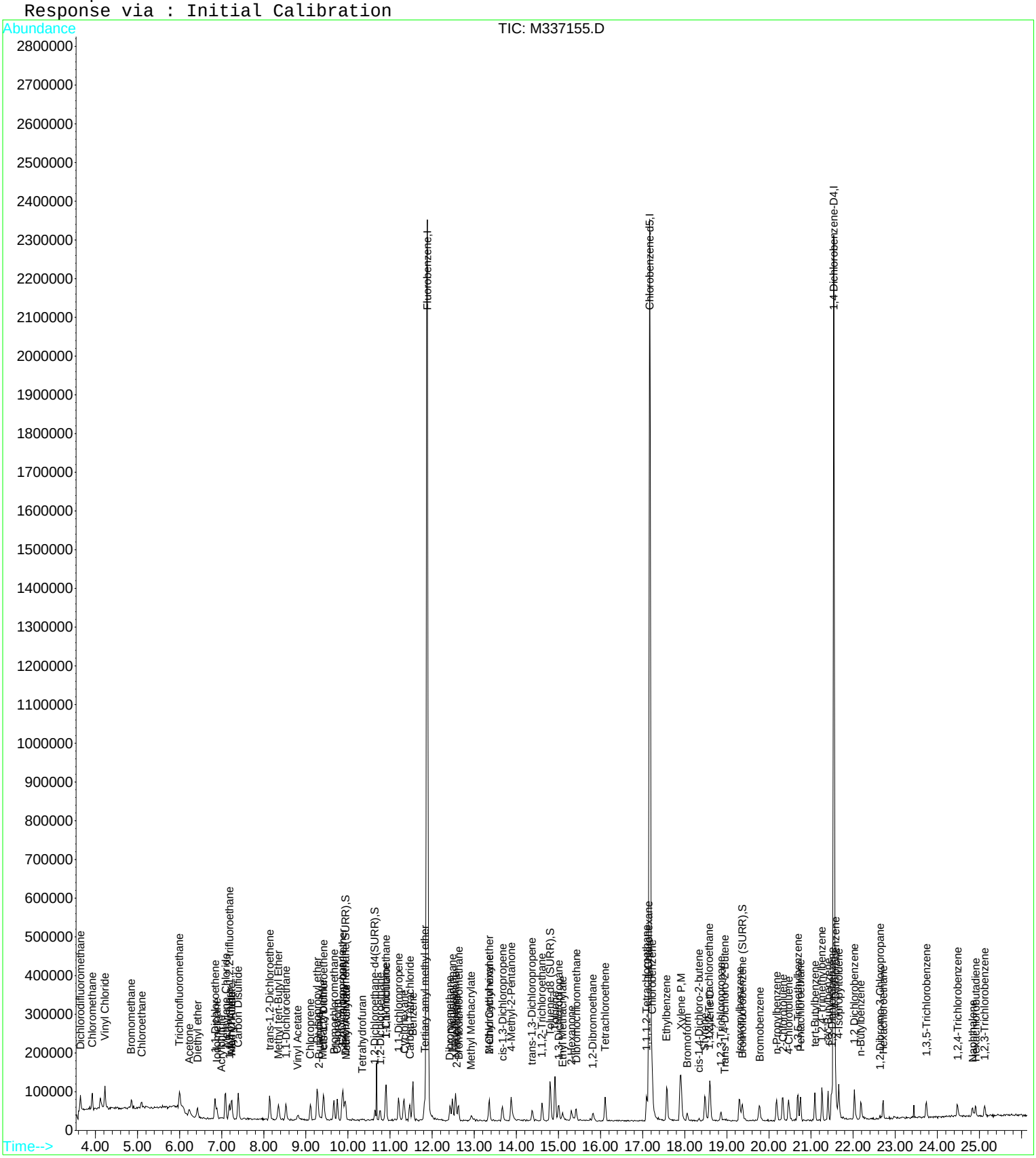
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	2-Nitropropane	12.58	43	6458	4.54 ug/l	71
48)	Bromodichloromethane	12.63	83	35152	0.96 ug/l	96
50)	Methyl Methacrylate	12.93	41	15348	0.70 ug/l	93
51)	2-Chloroethyl vinyl ether	13.36	63	4634	11.14 ug/l #	44
52)	Methyl Cyclohexane	13.36	83	24956	0.87 ug/l	95
53)	4-Methyl-2-Pentanone	13.88	58	28644	3.63 ug/l	89
54)	cis-1,3-Dichloropropene	13.67	75	34581	0.80 ug/l	97
55)	trans-1,3-Dichloropropene	14.37	75	23754	0.76 ug/l	83
56)	1,1,2-Trichloroethane	14.61	83	21714	1.03 ug/l	83
57)	Toluene	14.92	92	78176	0.99 ug/l	95
60)	Ethyl Methacrylate	15.10	69	18450	0.70 ug/l	96
61)	2-Hexanone	15.31	43	49778	3.32 ug/l	92
62)	1,3-Dichloropropane	15.01	76	36115	0.94 ug/l	99
63)	Tetrachloroethene	16.11	164	21718	1.03 ug/l	97
64)	Dibromochloromethane	15.43	129	26147	0.95 ug/l	94
65)	1,2-Dibromoethane	15.81	107	24719	0.90 ug/l	93
66)	1-Chlorohexane	17.14	91	27045	0.87 ug/l	80
67)	Chlorobenzene	17.23	112	86679	1.00 ug/l	95
68)	1,1,1,2-Tetrachloroethane	17.09	131	24214	0.94 ug/l	96
69)	Ethylbenzene	17.57	91	111432	0.88 ug/l	99
70)	Xylene P,M	17.91	106	84541	1.72 ug/l	96
71)	Xylene O	18.59	106	43764	0.90 ug/l	92
72)	Styrene	18.47	104	67471m	0.78 ug/l	
73)	Bromoform	18.06	173	15211	1.02 ug/l	88
74)	cis-1,4-Dichloro-2-butene	18.34	75	2601	3.22 ug/l	86
77)	Trans-1,4-Dichloro-2-Buten	18.95	53	740	2.01 ug/l #	66
78)	1,2,3-Trichloropropane	18.86	75	18852m	1.03 ug/l	
79)	Isopropylbenzene	19.31	105	80445	0.81 ug/l	97
80)	Bromobenzene	19.78	156	26259	0.86 ug/l	89
81)	1,1,2,2-Tetrachloroethane	18.58	83	29359	0.88 ug/l	92
82)	n-Propylbenzene	20.19	91	86951	0.80 ug/l	98
83)	2-Chlorotoluene	20.33	91	71845	0.96 ug/l	99
84)	4-Chlorotoluene	20.47	91	71343	0.90 ug/l	95
85)	1,3,5-Trimethylbenzene	20.69	105	62511	0.81 ug/l	99
86)	Pentachloroethane	20.75	119	19303	1.20 ug/l	97
87)	tert-Butylbenzene	21.09	119	46975	0.83 ug/l	97
88)	1,2,4-Trimethylbenzene	21.26	105	70754	0.88 ug/l	91
89)	sec-Butylbenzene	21.40	105	73563	0.85 ug/l	97
90)	1,3 Dichlorobenzene	21.49	146	44255	0.95 ug/l	99
91)	4-Isopropyltoluene	21.66	119	58802	0.83 ug/l	94
92)	1,4 Dichlorobenzene	21.58	146	52854	1.05 ug/l	96
93)	n-Butylbenzene	22.18	91	48025	0.77 ug/l	97
94)	1,2 Dichlorobenzene	22.03	146	43226	0.95 ug/l	94
95)	1,2-Dibromo-3-Chloropropan	22.64	75	2329	0.83 ug/l	90
96)	Hexachloroethane	22.71	117	13371	1.16 ug/l	84
97)	1,3,5-Trichlorobenzene	23.74	180	22803	0.89 ug/l	97
98)	1,2,4-Trichlorobenzene	24.48	180	20280	0.91 ug/l	94
99)	Hexachlorobutadiene	24.92	225	9648	0.99 ug/l	93
100)	Naphthalene	24.84	128	34080	0.76 ug/l	100
101)	1,2,3-Trichlorobenzene	25.12	180	15564	0.90 ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: AQ101609.RES

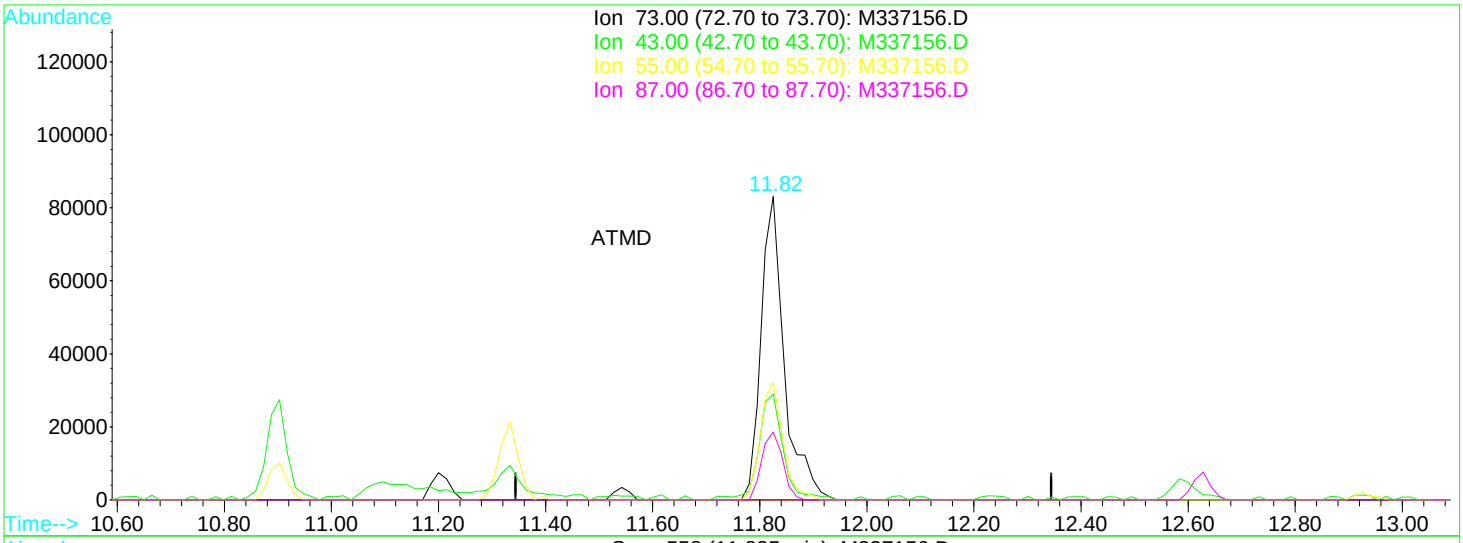
Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration

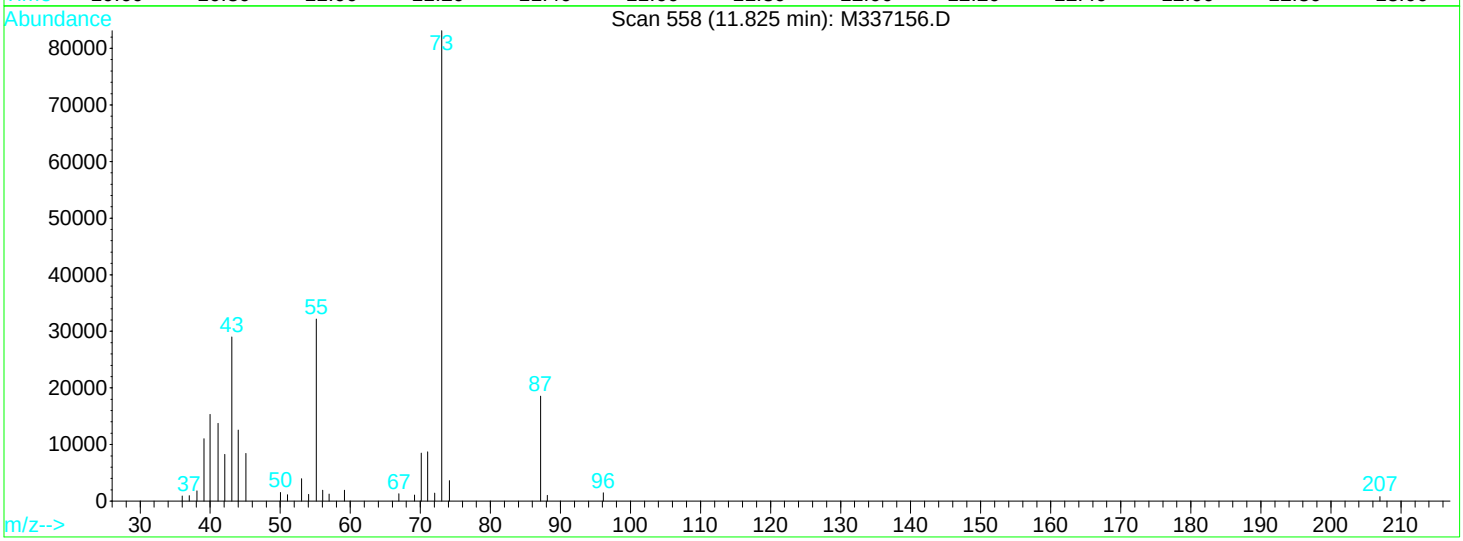


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337156.D

(43) Tertiary-amyl methyl ether

11.82min 3.91ug/l

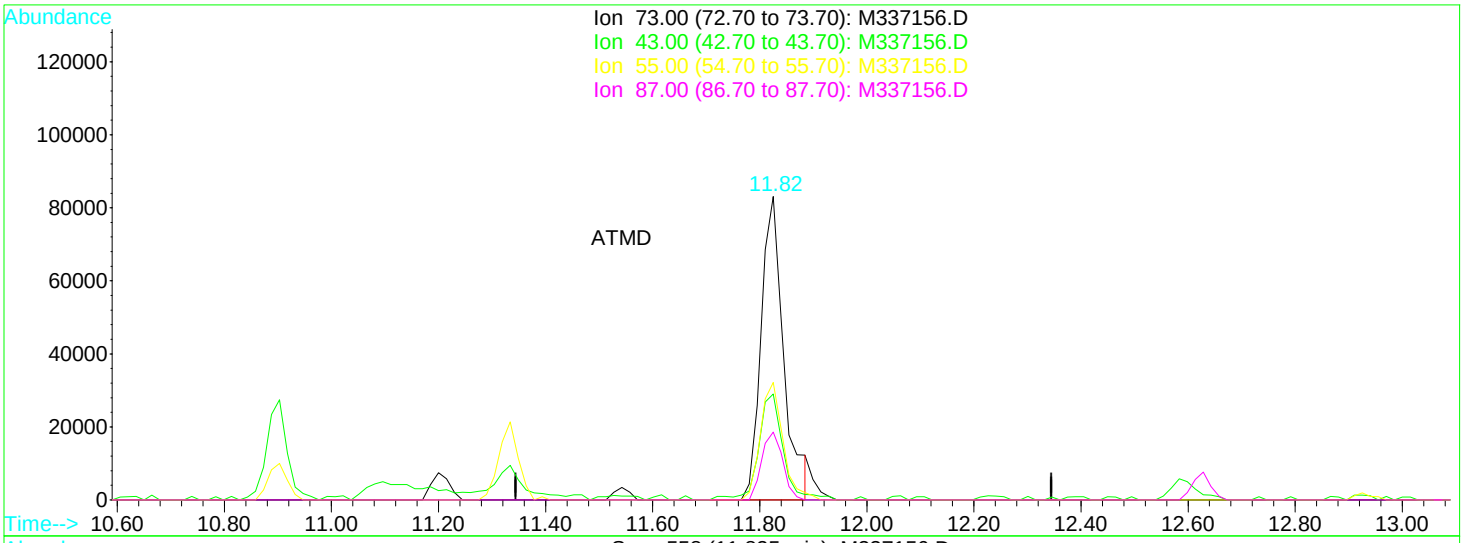
response 253104

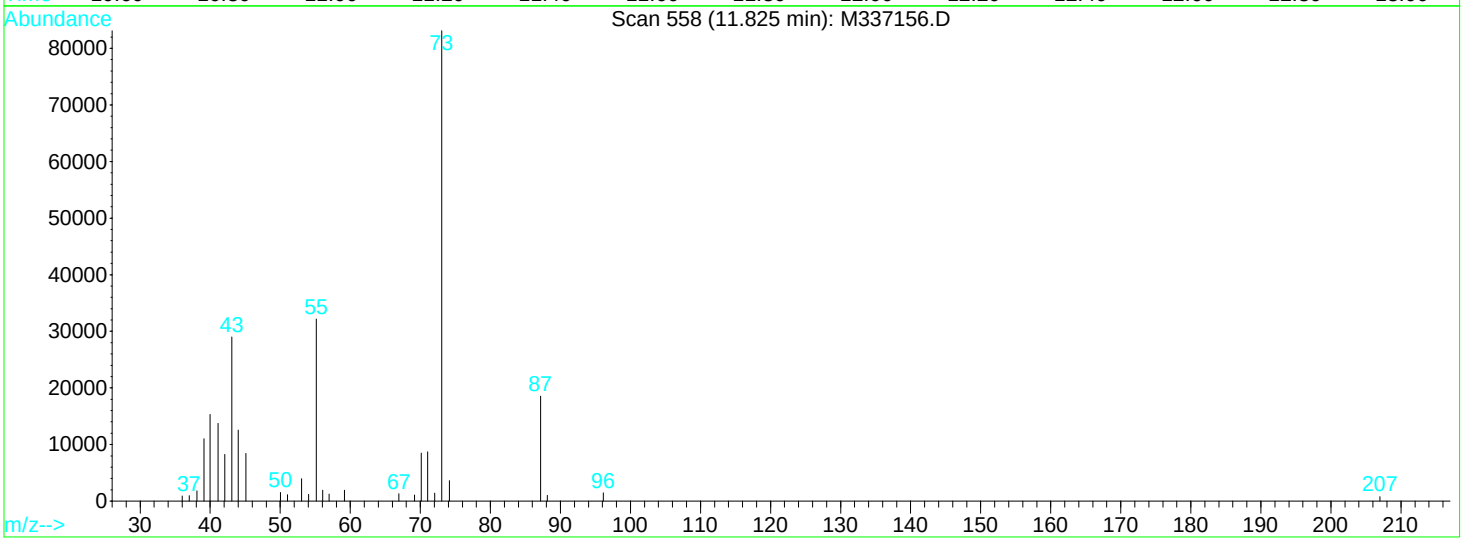
Ion	Exp%	Act%
73.00	100	100
43.00	38.10	34.92
55.00	26.00	38.72
87.00	23.60	22.34

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337156.D

(43) Tertiary-amyl methyl ether

11.82min 3.79ug/l m

response 245310

Ion	Exp%	Act%
73.00	100	100
43.00	38.10	34.92
55.00	26.00	38.72
87.00	23.60	22.34

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	3271323	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.16	117	2329288	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	824908	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	190690	4.91	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 19.64%#			
41) 1,2-Dichloroethane-d4(SURR	10.63	65	109127	5.06	ug/l	-0.02
Spiked Amount 25.000			Recovery = 20.24%			
59) Toluene-d8 (SURR)	14.80	98	537271	4.45	ug/l	-0.02
Spiked Amount 25.000			Recovery = 17.80%			
75) Bromofluorobenzene (SURR)	19.37	95	184108	4.42	ug/l	0.00
Spiked Amount 25.000			Recovery = 17.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	142759	5.07	ug/l	95
3) Chloromethane	3.93	50	172728	4.67	ug/l	98
4) Vinyl Chloride	4.22	62	144123	5.14	ug/l	99
5) Bromomethane	4.85	94	80938	4.65	ug/l	96
6) Chloroethane	5.10	64	75918	4.58	ug/l	96
7) Trichlorofluoromethane	5.99	101	178056	3.98	ug/l	98
8) Diethyl ether	6.43	59	86163	4.15	ug/l	88
9) Acrolein	6.01	56	12027	1.04	ug/l	92
10) Acetone	6.23	58	34410	22.40	ug/l	93
11) Iodomethane	6.89	142	189688	4.60	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	140947	4.85	ug/l	100
13) Methyl Acetate	7.23	43	73859	4.05	ug/l	95
14) Allyl Chloride	7.23	41	232745	3.73	ug/l	98
15) Carbon Disulfide	7.39	76	513276	4.77	ug/l	100
16) 1,1-Dichloroethene	6.84	96	145463	4.49	ug/l	99
17) Methylene Chloride	7.09	84	192659	5.00	ug/l	91
18) Methyl tert-Butyl Ether	8.34	73	209914	3.91	ug/l	89
19) Acrylonitrile	6.99	53	30003	3.73	ug/l	91
20) trans-1,2-Dichloroethene	8.14	96	156586	4.44	ug/l	94
21) 1,1-Dichloroethane	8.52	63	246035	4.54	ug/l	99
22) Vinyl Acetate	8.81	43	225924	3.74	ug/l	94
23) Chloroprene	9.10	53	158011	3.96	ug/l	92
24) 2-Butanone	9.27	72	32856	20.44	ug/l #	37
25) Di-isopropyl ether	9.27	45	496824	3.78	ug/l	86
26) Methacrylonitrile	9.40	41	70777	4.48	ug/l	95
27) cis-1,2 Dichloroethene	9.42	96	190962	4.76	ug/l	95
28) Methyl Acrylate	9.89	55	84125	4.21	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	303158	3.89	ug/l	100
30) 2,2-Dichloropropane	9.86	77	126557	3.97	ug/l	91
31) Bromochloromethane	9.67	128	87560	4.71	ug/l	94
32) Tetrahydrofuran	10.31	42	25497	4.26	ug/l	94
33) Chloroform	9.74	83	251915	4.70	ug/l	98
35) 1-Chlorobutane	10.90	56	219106	4.13	ug/l	100
36) 1,1,1-Trichloroethane	10.90	97	178100	4.51	ug/l	98
37) 1,1-Dichloropropene	11.20	75	169128	4.55	ug/l	99
38) Cyclohexane	11.33	56	155392	4.02	ug/l	95
39) Carbon Tetrachloride	11.47	117	149606	4.75	ug/l	98
40) Benzene	11.54	78	584109	4.65	ug/l	100
42) 1,2-Dichloroethane	10.75	62	126204	4.91	ug/l	98
43) Tertiary-amyl methyl ether	11.82	73	245310m	3.79	ug/l	
44) Trichloroethene	12.55	95	162367	4.59	ug/l	97
45) 1,2-Dichloropropane	12.48	63	147691	4.48	ug/l	98
46) Dibromomethane	12.42	93	102387	4.88	ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

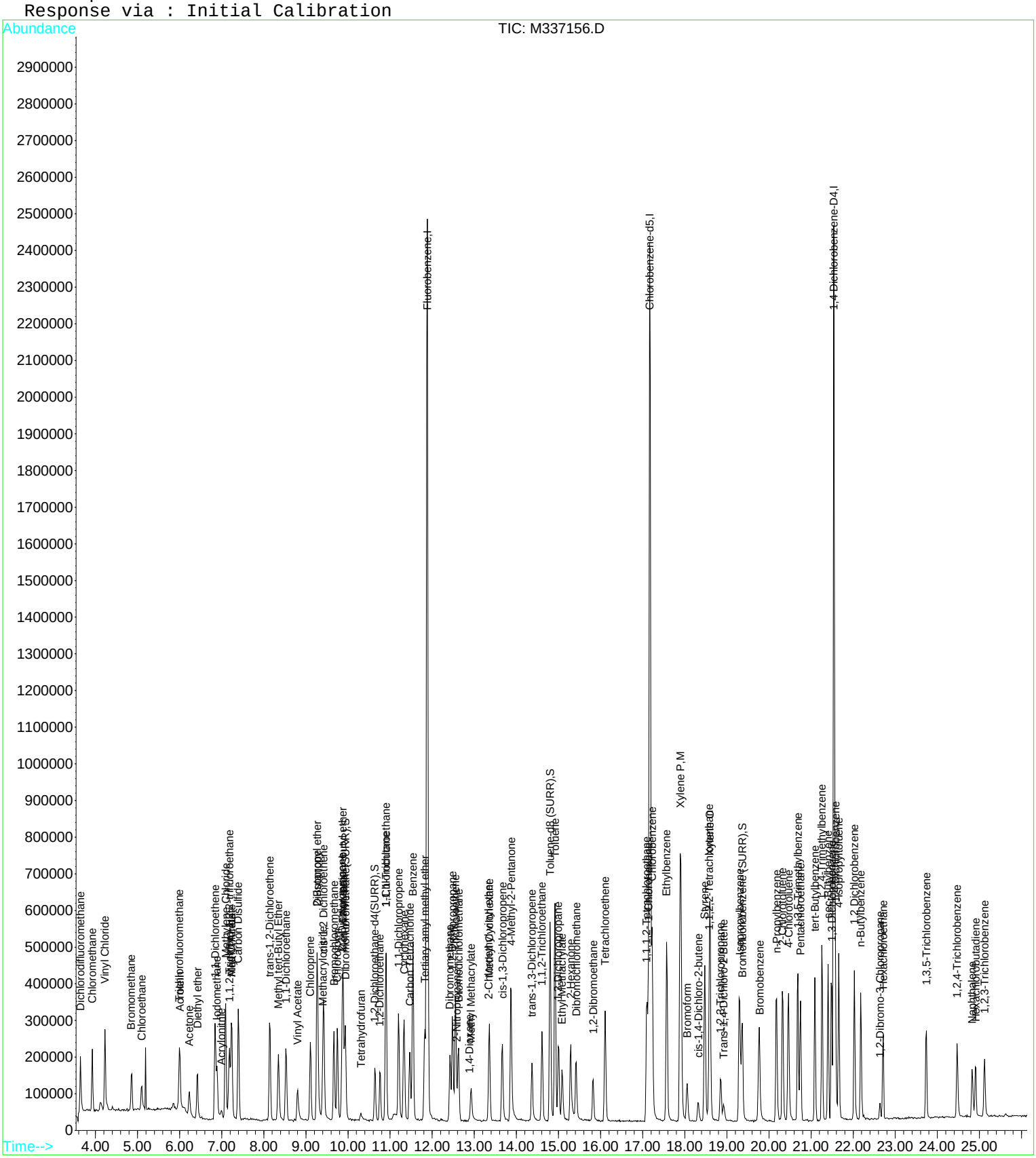
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.58	43	19279	8.24	ug/l		94
48)	Bromodichloromethane	12.63	83	170957	4.62	ug/l		99
49)	1,4-Dioxane	12.88	88	6089	143.72	ug/l		86
50)	Methyl Methacrylate	12.93	41	83648	3.79	ug/l		79
51)	2-Chloroethyl vinyl ether	13.34	63	27104	19.08	ug/l		80
52)	Methyl Cyclohexane	13.36	83	124874	4.31	ug/l		95
53)	4-Methyl-2-Pentanone	13.88	58	161020	20.22	ug/l	#	81
54)	cis-1,3-Dichloropropene	13.67	75	181072	4.16	ug/l		96
55)	trans-1,3-Dichloropropene	14.37	75	129649	4.11	ug/l		99
56)	1,1,2-Trichloroethane	14.61	83	106526	4.99	ug/l		97
57)	Toluene	14.92	92	385167	4.84	ug/l		97
60)	Ethyl Methacrylate	15.08	69	104164	3.73	ug/l		99
61)	2-Hexanone	15.29	43	306082	19.35	ug/l		95
62)	1,3-Dichloropropane	14.99	76	181236	4.47	ug/l		95
63)	Tetrachloroethene	16.11	164	98735	4.46	ug/l		96
64)	Dibromochloromethane	15.42	129	132064	4.53	ug/l		96
65)	1,2-Dibromoethane	15.83	107	131487	4.53	ug/l		98
66)	1-Chlorohexane	17.13	91	127323	3.89	ug/l		94
67)	Chlorobenzene	17.22	112	427658	4.68	ug/l		99
68)	1,1,1,2-Tetrachloroethane	17.09	131	123653	4.54	ug/l		96
69)	Ethylbenzene	17.57	91	572963	4.30	ug/l		100
70)	Xylene P,M	17.89	106	459559	8.88	ug/l		98
71)	Xylene O	18.59	106	236893	4.60	ug/l		95
72)	Styrene	18.47	104	373087	4.08	ug/l		97
73)	Bromoform	18.06	173	81319	5.19	ug/l		97
74)	cis-1,4-Dichloro-2-butene	18.32	75	20396	5.31	ug/l		92
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	19114	5.35	ug/l		95
78)	1,2,3-Trichloropropane	18.85	75	90216	4.72	ug/l		98
79)	Isopropylbenzene	19.31	105	444077	4.28	ug/l		99
80)	Bromobenzene	19.78	156	137986	4.33	ug/l		90
81)	1,1,2,2-Tetrachloroethane	18.58	83	150792	5.19	ug/l		98
82)	n-Propylbenzene	20.18	91	488875	4.32	ug/l		95
83)	2-Chlorotoluene	20.32	91	355027	4.53	ug/l		97
84)	4-Chlorotoluene	20.47	91	376330	4.55	ug/l		95
85)	1,3,5-Trimethylbenzene	20.69	105	350012	4.32	ug/l		99
86)	Pentachloroethane	20.75	119	91532	5.42	ug/l		97
87)	tert-Butylbenzene	21.09	119	244052	4.11	ug/l		98
88)	1,2,4-Trimethylbenzene	21.25	105	374044	4.42	ug/l		96
89)	sec-Butylbenzene	21.40	105	395041	4.34	ug/l		94
90)	1,3 Dichlorobenzene	21.49	146	226146	4.64	ug/l		96
91)	4-Isopropyltoluene	21.66	119	320431	4.33	ug/l		95
92)	1,4 Dichlorobenzene	21.58	146	251092	4.75	ug/l		96
93)	n-Butylbenzene	22.18	91	273476	4.20	ug/l		94
94)	1,2 Dichlorobenzene	22.03	146	216782	4.57	ug/l		94
95)	1,2-Dibromo-3-Chloropropan	22.64	75	12425	4.22	ug/l	#	69
96)	Hexachloroethane	22.71	117	65702	5.43	ug/l		86
97)	1,3,5-Trichlorobenzene	23.74	180	115248	4.32	ug/l		97
98)	1,2,4-Trichlorobenzene	24.47	180	102247	4.37	ug/l		96
99)	Hexachlorobutadiene	24.91	225	44531	4.36	ug/l		93
100)	Naphthalene	24.82	128	180673	3.85	ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	80316	4.43	ug/l		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337157.D Vial: 5
Acq On : 9 Nov 2009 1:26 pm Operator: MD
Sample : BSK0051-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:56 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	3374339	25.00	ug/l	-0.03
58) Chlorobenzene-d5	17.17	117	2290041	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	844496	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	399241	9.96	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	39.84%#		
41) 1,2-Dichloroethane-d4(SURR	10.64	65	219674	9.87	ug/l	-0.01
Spiked Amount 25.000			Recovery =	39.48%		
59) Toluene-d8 (SURR)	14.81	98	1128602	9.51	ug/l	-0.01
Spiked Amount 25.000			Recovery =	38.04%		
75) Bromofluorobenzene (SURR)	19.36	95	384985	9.40	ug/l	-0.01
Spiked Amount 25.000			Recovery =	37.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	281812	9.71	ug/l	100
3) Chloromethane	3.92	50	335197	8.79	ug/l	98
4) Vinyl Chloride	4.23	62	278870	9.64	ug/l	100
5) Bromomethane	4.85	94	178454	9.95	ug/l	96
6) Chloroethane	5.09	64	156191	9.70	ug/l	97
7) Trichlorofluoromethane	6.00	101	365438	7.92	ug/l	100
8) Diethyl ether	6.42	59	172446	8.05	ug/l	92
9) Acrolein	6.02	56	22500	4.54	ug/l	93
10) Acetone	6.24	58	68322	43.12	ug/l	86
11) Iodomethane	6.89	142	434919	10.23	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	284149	9.47	ug/l	90
13) Methyl Acetate	7.22	43	148694	7.91	ug/l	99
14) Allyl Chloride	7.23	41	499198	7.76	ug/l	99
15) Carbon Disulfide	7.40	76	1050927	9.48	ug/l	100
16) 1,1-Dichloroethene	6.85	96	299168	8.95	ug/l	92
17) Methylene Chloride	7.09	84	383339	9.64	ug/l	95
18) Methyl tert-Butyl Ether	8.35	73	431047	7.78	ug/l	95
19) Acrylonitrile	7.00	53	65805	7.93	ug/l	94
20) trans-1,2-Dichloroethene	8.14	96	330610	9.09	ug/l	98
21) 1,1-Dichloroethane	8.53	63	506727	9.06	ug/l	98
22) Vinyl Acetate	8.80	43	448443	7.19	ug/l	95
23) Chloroprene	9.11	53	332434	8.07	ug/l	87
24) 2-Butanone	9.26	72	72418	43.68	ug/l #	84
25) Di-isopropyl ether	9.27	45	1055780	7.79	ug/l	93
26) Methacrylonitrile	9.39	41	120668	7.41	ug/l	95
27) cis-1,2 Dichloroethene	9.42	96	395574	9.56	ug/l	99
28) Methyl Acrylate	9.88	55	175330	8.55	ug/l	96
29) Ethyl tertiary-butyl ether	9.88	59	627864	7.80	ug/l	98
30) 2,2-Dichloropropane	9.87	77	265606	8.08	ug/l	84
31) Bromochloromethane	9.67	128	179519	9.36	ug/l	89
32) Tetrahydrofuran	10.30	42	49498	8.01	ug/l	90
33) Chloroform	9.75	83	513047	9.29	ug/l	97
35) 1-Chlorobutane	10.89	56	455262	8.31	ug/l	99
36) 1,1,1-Trichloroethane	10.91	97	362378	8.90	ug/l	98
37) 1,1-Dichloropropene	11.21	75	345699	9.02	ug/l	94
38) Cyclohexane	11.33	56	323479	8.12	ug/l	98
39) Carbon Tetrachloride	11.47	117	306668	9.44	ug/l	96
40) Benzene	11.53	78	1196397	9.23	ug/l	100
42) 1,2-Dichloroethane	10.76	62	251055	9.46	ug/l	98
43) Tertiary-amyl methyl ether	11.82	73	497321	7.45	ug/l	92
44) Trichloroethene	12.54	95	330506	9.05	ug/l	92
45) 1,2-Dichloropropane	12.49	63	309640	9.11	ug/l	100
46) Dibromomethane	12.43	93	207531	9.59	ug/l	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337157.D Vial: 5
Acq On : 9 Nov 2009 1:26 pm Operator: MD
Sample : BSK0051-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:56 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

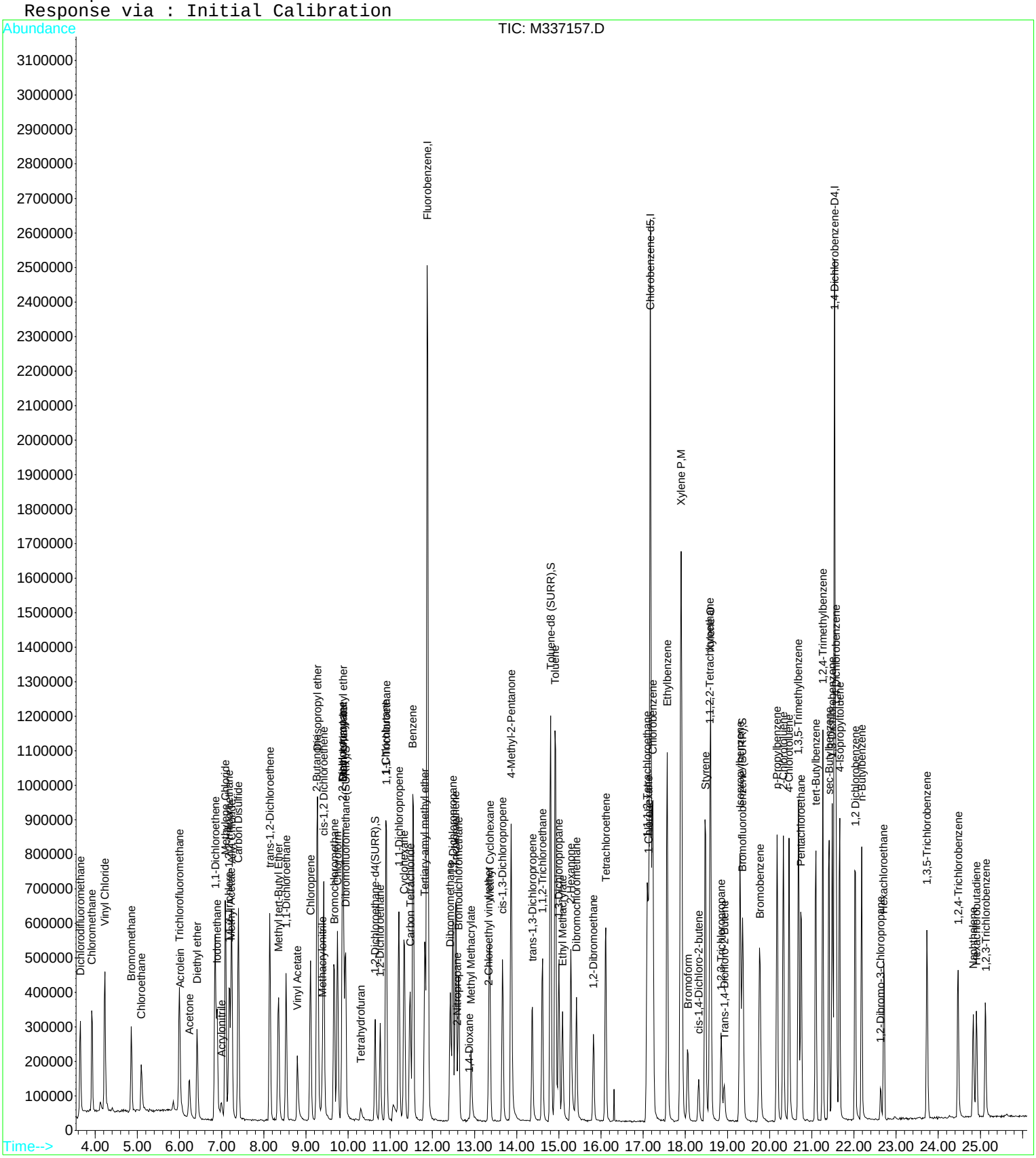
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.59	43	39315	13.69	ug/l	74
48)	Bromodichloromethane	12.62	83	352181	9.23	ug/l	97
49)	1,4-Dioxane	12.87	88	17747	255.44	ug/l	90
50)	Methyl Methacrylate	12.92	41	168577	7.40	ug/l	87
51)	2-Chloroethyl vinyl ether	13.33	63	64598	31.65	ug/l	93
52)	Methyl Cyclohexane	13.36	83	258375	8.65	ug/l	92
53)	4-Methyl-2-Pentanone	13.87	58	328328	39.96	ug/l	87
54)	cis-1,3-Dichloropropene	13.66	75	372846	8.30	ug/l	99
55)	trans-1,3-Dichloropropene	14.37	75	268533	8.25	ug/l	96
56)	1,1,2-Trichloroethane	14.61	83	209373	9.50	ug/l	98
57)	Toluene	14.91	92	780432	9.51	ug/l	99
60)	Ethyl Methacrylate	15.09	69	217557	7.92	ug/l	95
61)	2-Hexanone	15.28	43	606916	39.02	ug/l	96
62)	1,3-Dichloropropane	15.00	76	374957	9.42	ug/l	98
63)	Tetrachloroethene	16.11	164	202981	9.32	ug/l	96
64)	Dibromochloromethane	15.42	129	278335	9.72	ug/l	96
65)	1,2-Dibromoethane	15.82	107	266721	9.36	ug/l	100
66)	1-Chlorohexane	17.13	91	266861	8.30	ug/l	90
67)	Chlorobenzene	17.23	112	865555	9.63	ug/l	98
68)	1,1,1,2-Tetrachloroethane	17.10	131	252582	9.44	ug/l	100
69)	Ethylbenzene	17.57	91	1194296	9.11	ug/l	97
70)	Xylene P,M	17.90	106	963189	18.94	ug/l	99
71)	Xylene O	18.60	106	480079	9.48	ug/l	98
72)	Styrene	18.48	104	799401	8.90	ug/l	97
73)	Bromoform	18.06	173	166725	10.83	ug/l	98
74)	cis-1,4-Dichloro-2-butene	18.32	75	48095	8.69	ug/l	92
77)	Trans-1,4-Dichloro-2-Buten	18.93	53	39722	8.93	ug/l	91
78)	1,2,3-Trichloropropane	18.85	75	177919	9.10	ug/l	100
79)	Isopropylbenzene	19.30	105	945556	8.91	ug/l	98
80)	Bromobenzene	19.77	156	299535	9.17	ug/l	95
81)	1,1,2,2-Tetrachloroethane	18.58	83	294582	10.10	ug/l	98
82)	n-Propylbenzene	20.18	91	1047739	9.04	ug/l	100
83)	2-Chlorotoluene	20.32	91	748385	9.32	ug/l	99
84)	4-Chlorotoluene	20.46	91	768124	9.08	ug/l	99
85)	1,3,5-Trimethylbenzene	20.68	105	740121	8.93	ug/l	100
86)	Pentachloroethane	20.74	119	184922	10.69	ug/l	90
87)	tert-Butylbenzene	21.10	119	530117	8.72	ug/l	98
88)	1,2,4-Trimethylbenzene	21.26	105	786202	9.08	ug/l	98
89)	sec-Butylbenzene	21.41	105	858608	9.22	ug/l	98
90)	1,3 Dichlorobenzene	21.48	146	454389	9.11	ug/l	97
91)	4-Isopropyltoluene	21.66	119	678526	8.95	ug/l	99
92)	1,4 Dichlorobenzene	21.57	146	515233	9.52	ug/l	98
93)	n-Butylbenzene	22.18	91	596093	8.95	ug/l	98
94)	1,2 Dichlorobenzene	22.03	146	443763	9.14	ug/l	97
95)	1,2-Dibromo-3-Chloropropan	22.63	75	27263	9.05	ug/l	99
96)	Hexachloroethane	22.70	117	140384	11.33	ug/l	99
97)	1,3,5-Trichlorobenzene	23.73	180	249790	9.15	ug/l	99
98)	1,2,4-Trichlorobenzene	24.47	180	222160	9.27	ug/l	96
99)	Hexachlorobutadiene	24.90	225	97319	9.31	ug/l	97
100)	Naphthalene	24.83	128	383074	7.97	ug/l	100
101)	1,2,3-Trichlorobenzene	25.13	180	175601	9.46	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337157.D Vial: 5
Acq On : 9 Nov 2009 1:26 pm Operator: MD
Sample : BSK0051-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:56 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337158.D Vial: 6
Acq On : 9 Nov 2009 1:58 pm Operator: MD
Sample : BSK0051-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 14:28 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	3471005	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.17	117	2296259	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	867018	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	1067706	25.89	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.56%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	598003	26.12	ug/l	-0.02
Spiked Amount 25.000			Recovery = 104.48%			
59) Toluene-d8 (SURR)	14.80	98	3041383	25.56	ug/l	-0.02
Spiked Amount 25.000			Recovery = 102.24%			
75) Bromofluorobenzene (SURR)	19.35	95	1042494	25.38	ug/l	-0.02
Spiked Amount 25.000			Recovery = 101.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	727443	24.37	ug/l	100
3) Chloromethane	3.93	50	854915	21.79	ug/l	100
4) Vinyl Chloride	4.23	62	728472	24.47	ug/l	100
5) Bromomethane	4.87	94	517787	28.06	ug/l	100
6) Chloroethane	5.10	64	400111	25.00	ug/l	96
7) Trichlorofluoromethane	6.00	101	973831	20.51	ug/l	99
8) Diethyl ether	6.41	59	495381	22.47	ug/l	94
9) Acrolein	6.01	56	57445	16.11	ug/l	95
10) Acetone	6.23	58	185040	113.54	ug/l	93
11) Iodomethane	6.89	142	1188269	27.18	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.19	101	760689	24.65	ug/l	99
13) Methyl Acetate	7.22	43	404653	20.94	ug/l	98
14) Allyl Chloride	7.23	41	1384464	20.93	ug/l	99
15) Carbon Disulfide	7.39	76	2794682	24.50	ug/l	100
16) 1,1-Dichloroethene	6.84	96	804931	23.40	ug/l	95
17) Methylene Chloride	7.10	84	995899	24.33	ug/l	91
18) Methyl tert-Butyl Ether	8.35	73	1222865	21.45	ug/l	94
19) Acrylonitrile	6.99	53	186348	21.82	ug/l	96
20) trans-1,2-Dichloroethene	8.14	96	884273	23.65	ug/l	92
21) 1,1-Dichloroethane	8.52	63	1364707	23.72	ug/l	98
22) Vinyl Acetate	8.79	43	1323565	20.63	ug/l	97
23) Chloroprene	9.10	53	944369	22.29	ug/l	93
24) 2-Butanone	9.24	72	219114	128.49	ug/l #	21
25) Di-isopropyl ether	9.27	45	2900568	20.82	ug/l	98
26) Methacrylonitrile	9.39	41	357196	21.32	ug/l	92
27) cis-1,2 Dichloroethene	9.42	96	1053094	24.73	ug/l	96
28) Methyl Acrylate	9.88	55	507853	24.17	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	1801244	21.76	ug/l	99
30) 2,2-Dichloropropane	9.86	77	754585	22.30	ug/l	95
31) Bromochloromethane	9.67	128	489866	24.83	ug/l	93
32) Tetrahydrofuran	10.29	42	147506	23.20	ug/l	94
33) Chloroform	9.74	83	1368390	24.08	ug/l	98
35) 1-Chlorobutane	10.90	56	1261098	22.38	ug/l	93
36) 1,1,1-Trichloroethane	10.90	97	987154	23.57	ug/l	98
37) 1,1-Dichloropropene	11.20	75	951574	24.13	ug/l	98
38) Cyclohexane	11.34	56	909994	22.21	ug/l	94
39) Carbon Tetrachloride	11.47	117	839634	25.12	ug/l	100
40) Benzene	11.54	78	3235062	24.26	ug/l	100
42) 1,2-Dichloroethane	10.76	62	682460	25.00	ug/l	98
43) Tertiary-amyl methyl ether	11.83	73	1374585	20.01	ug/l	92
44) Trichloroethene	12.56	95	898459	23.92	ug/l	97
45) 1,2-Dichloropropane	12.48	63	838191	23.98	ug/l	99
46) Dibromomethane	12.42	93	570192	25.61	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337158.D Vial: 6
Acq On : 9 Nov 2009 1:58 pm Operator: MD
Sample : BSK0051-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 14:28 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

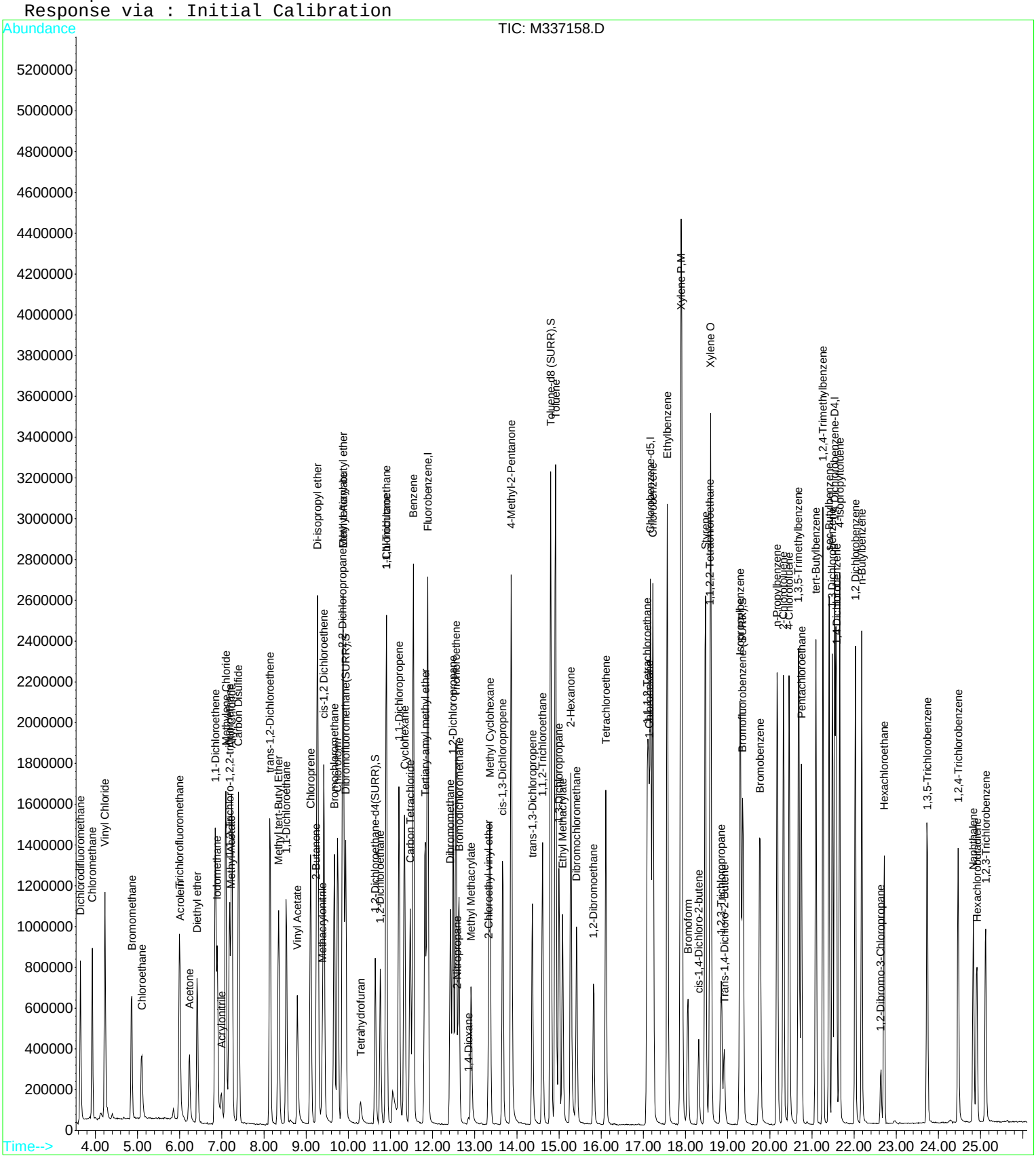
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.59	43	103400	30.88	ug/l	94
48)	Bromodichloromethane	12.63	83	981939	25.02	ug/l	98
49)	1,4-Dioxane	12.85	88	52032	575.37	ug/l	83
50)	Methyl Methacrylate	12.91	41	517347	22.09	ug/l	91
51)	2-Chloroethyl vinyl ether	13.33	63	243565	90.75	ug/l	100
52)	Methyl Cyclohexane	13.36	83	728786	23.71	ug/l	95
53)	4-Methyl-2-Pentanone	13.86	58	989570	117.09	ug/l	91
54)	cis-1,3-Dichloropropene	13.66	75	1066096	23.08	ug/l	97
55)	trans-1,3-Dichloropropene	14.37	75	805971	24.06	ug/l	96
56)	1,1,2-Trichloroethane	14.61	83	585737	25.84	ug/l	99
57)	Toluene	14.92	92	2086905	24.73	ug/l	98
60)	Ethyl Methacrylate	15.08	69	671247	24.39	ug/l	91
61)	2-Hexanone	15.28	43	1914958	122.78	ug/l	97
62)	1,3-Dichloropropane	14.99	76	1045796	26.19	ug/l	99
63)	Tetrachloroethene	16.11	164	537577	24.63	ug/l	98
64)	Dibromochloromethane	15.41	129	794672	27.68	ug/l	98
65)	1,2-Dibromoethane	15.81	107	744945	26.06	ug/l	100
66)	1-Chlorohexane	17.14	91	747215	23.18	ug/l	99
67)	Chlorobenzene	17.23	112	2318738	25.72	ug/l	98
68)	1,1,1,2-Tetrachloroethane	17.09	131	690783	25.74	ug/l	99
69)	Ethylbenzene	17.57	91	3325808	25.31	ug/l	100
70)	Xylene P,M	17.90	106	2618314	51.34	ug/l	97
71)	Xylene O	18.59	106	1305051	25.70	ug/l	97
72)	Styrene	18.48	104	2295480	25.47	ug/l	97
73)	Bromoform	18.06	173	466366	30.22	ug/l	97
74)	cis-1,4-Dichloro-2-butene	18.31	75	163859	22.59	ug/l	96
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	118689	22.42	ug/l	95
78)	1,2,3-Trichloropropane	18.85	75	500812	24.94	ug/l	98
79)	Isopropylbenzene	19.29	105	2616073	24.00	ug/l	97
80)	Bromobenzene	19.77	156	832445	24.83	ug/l	96
81)	1,1,2,2-Tetrachloroethane	18.58	83	814861	27.60	ug/l	100
82)	n-Propylbenzene	20.17	91	2926538	24.60	ug/l	99
83)	2-Chlorotoluene	20.32	91	2007288	24.35	ug/l	99
84)	4-Chlorotoluene	20.45	91	2104386	24.22	ug/l	99
85)	1,3,5-Trimethylbenzene	20.68	105	2036828	23.93	ug/l	97
86)	Pentachloroethane	20.75	119	511306	28.80	ug/l	99
87)	tert-Butylbenzene	21.09	119	1497209	23.99	ug/l	98
88)	1,2,4-Trimethylbenzene	21.26	105	2169600	24.42	ug/l	99
89)	sec-Butylbenzene	21.41	105	2358804	24.68	ug/l	96
90)	1,3 Dichlorobenzene	21.48	146	1251456	24.45	ug/l	98
91)	4-Isopropyltoluene	21.66	119	1858965	23.88	ug/l	98
92)	1,4 Dichlorobenzene	21.58	146	1336089	24.05	ug/l	96
93)	n-Butylbenzene	22.18	91	1701155	24.88	ug/l	97
94)	1,2 Dichlorobenzene	22.03	146	1214549	24.36	ug/l	97
95)	1,2-Dibromo-3-Chloropropan	22.62	75	80782	26.12	ug/l	92
96)	Hexachloroethane	22.71	117	388237	30.51	ug/l	87
97)	1,3,5-Trichlorobenzene	23.74	180	697292	24.88	ug/l	96
98)	1,2,4-Trichlorobenzene	24.47	180	634020	25.77	ug/l	97
99)	Hexachlorobutadiene	24.92	225	257086	23.95	ug/l	99
100)	Naphthalene	24.83	128	1170304	23.71	ug/l	100
101)	1,2,3-Trichlorobenzene	25.12	180	501716	26.32	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337158.D Vial: 6
Acq On : 9 Nov 2009 1:58 pm Operator: MD
Sample : BSK0051-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 14:28 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337159.D Vial: 7
Acq On : 9 Nov 2009 2:30 pm Operator: MD
Sample : BSK0051-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:00 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	3560701	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.18	117	2363291	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	880077	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	2273981	53.75	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 215.00%#			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	1230495	52.40	ug/l	-0.02
Spiked Amount 25.000			Recovery = 209.60%			
59) Toluene-d8 (SURR)	14.80	98	6465298	52.79	ug/l	-0.02
Spiked Amount 25.000			Recovery = 211.16%			
75) Bromofluorobenzene (SURR)	19.35	95	2198200	52.00	ug/l	-0.02
Spiked Amount 25.000			Recovery = 208.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	1492658	48.74	ug/l	100
3) Chloromethane	3.93	50	1774714	44.09	ug/l	99
4) Vinyl Chloride	4.22	62	1485946	48.67	ug/l	99
5) Bromomethane	4.86	94	1184567	62.58	ug/l	99
6) Chloroethane	5.10	64	818943	50.45	ug/l	96
7) Trichlorofluoromethane	5.99	101	2066292	42.42	ug/l	100
8) Diethyl ether	6.41	59	1049930	46.42	ug/l	95
9) Acrolein	6.01	56	127252	38.57	ug/l	95
10) Acetone	6.23	58	364188	217.84	ug/l	89
11) Iodomethane	6.89	142	2567208	57.24	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	1601413	50.58	ug/l	99
13) Methyl Acetate	7.21	43	818313	41.27	ug/l	99
14) Allyl Chloride	7.24	41	3021166	44.53	ug/l	92
15) Carbon Disulfide	7.39	76	5929476	50.67	ug/l	100
16) 1,1-Dichloroethene	6.84	96	1721692	48.79	ug/l	97
17) Methylene Chloride	7.10	84	2061125	49.10	ug/l	91
18) Methyl tert-Butyl Ether	8.34	73	2550445	43.62	ug/l	96
19) Acrylonitrile	6.99	53	370344	42.27	ug/l	98
20) trans-1,2-Dichloroethene	8.15	96	1917935	50.00	ug/l	96
21) 1,1-Dichloroethane	8.52	63	2942633	49.85	ug/l	99
22) Vinyl Acetate	8.79	43	2851703	43.33	ug/l	96
23) Chloroprene	9.10	53	2043969	47.03	ug/l	92
24) 2-Butanone	9.24	72	444390	254.02	ug/l #	13
25) Di-isopropyl ether	9.27	45	6143529	42.98	ug/l	95
26) Methacrylonitrile	9.39	41	732860	42.64	ug/l	93
27) cis-1,2 Dichloroethene	9.42	96	2236023	51.20	ug/l	93
28) Methyl Acrylate	9.88	55	1049129	48.73	ug/l	100
29) Ethyl tertiary-butyl ether	9.88	59	3773147	44.42	ug/l	98
30) 2,2-Dichloropropane	9.86	77	1628580	46.93	ug/l	97
31) Bromochloromethane	9.67	128	997112	49.27	ug/l	95
32) Tetrahydrofuran	10.28	42	261471	40.09	ug/l	94
33) Chloroform	9.74	83	2915881	50.02	ug/l	99
35) 1-Chlorobutane	10.90	56	2710450	46.89	ug/l	94
36) 1,1,1-Trichloroethane	10.90	97	2113789	49.21	ug/l	98
37) 1,1-Dichloropropene	11.20	75	2043257	50.50	ug/l	99
38) Cyclohexane	11.33	56	1947963	46.34	ug/l	94
39) Carbon Tetrachloride	11.47	117	1834835	53.50	ug/l	100
40) Benzene	11.54	78	6924434	50.63	ug/l	100
42) 1,2-Dichloroethane	10.75	62	1420200	50.71	ug/l	98
43) Tertiary-amyl methyl ether	11.83	73	2816123	39.96	ug/l	92
44) Trichloroethene	12.55	95	1903046	49.40	ug/l	97
45) 1,2-Dichloropropane	12.48	63	1773590	49.45	ug/l	100
46) Dibromomethane	12.42	93	1186058	51.93	ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337159.D Vial: 7
Acq On : 9 Nov 2009 2:30 pm Operator: MD
Sample : BSK0051-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:00 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

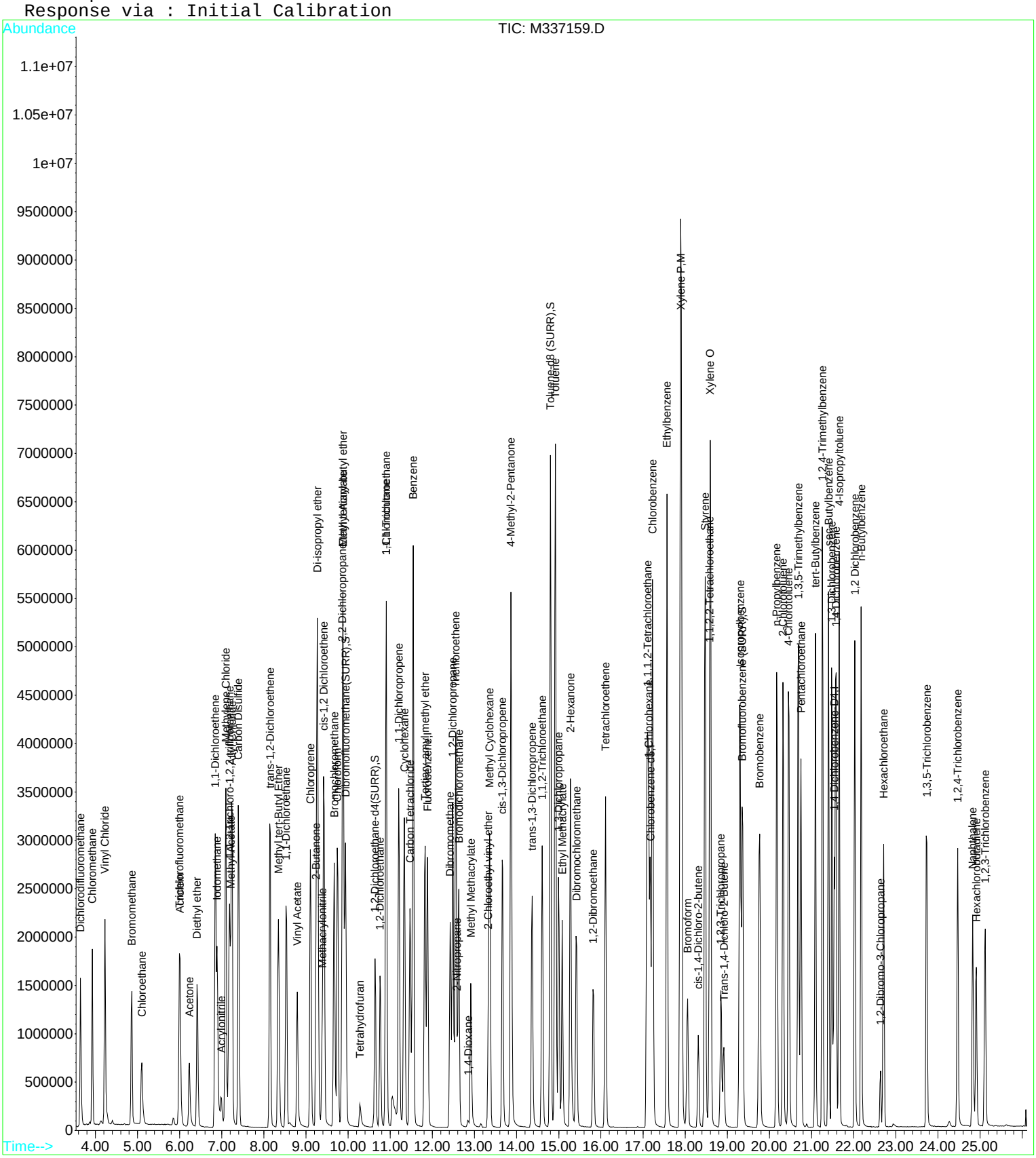
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.58	43	205240	57.26	ug/l		96
48)	Bromodichloromethane	12.63	83	2109659	52.39	ug/l		99
49)	1,4-Dioxane	12.85	88	109870	1096.98	ug/l		83
50)	Methyl Methacrylate	12.91	41	1035919	43.12	ug/l		91
51)	2-Chloroethyl vinyl ether	13.33	63	603794	205.86	ug/l		99
52)	Methyl Cyclohexane	13.36	83	1519200	48.19	ug/l		95
53)	4-Methyl-2-Pentanone	13.86	58	1963920	226.53	ug/l		89
54)	cis-1,3-Dichloropropene	13.65	75	2331433	49.19	ug/l		97
55)	trans-1,3-Dichloropropene	14.37	75	1781358	51.85	ug/l		96
56)	1,1,2-Trichloroethane	14.61	83	1210416	52.05	ug/l		97
57)	Toluene	14.92	92	4407547	50.91	ug/l		98
60)	Ethyl Methacrylate	15.08	69	1390049	49.07	ug/l		91
61)	2-Hexanone	15.28	43	3753320	233.82	ug/l		96
62)	1,3-Dichloropropane	14.99	76	2186298	53.20	ug/l		100
63)	Tetrachloroethene	16.11	164	1111285	49.47	ug/l		98
64)	Dibromochloromethane	15.42	129	1647876	55.77	ug/l		99
65)	1,2-Dibromoethane	15.81	107	1560191	53.03	ug/l		99
66)	1-Chlorohexane	17.14	91	1619199	48.81	ug/l		99
67)	Chlorobenzene	17.22	112	4861081	52.40	ug/l		99
68)	1,1,1,2-Tetrachloroethane	17.11	131	1478214	53.52	ug/l		100
69)	Ethylbenzene	17.57	91	7058511	52.18	ug/l		99
70)	Xylene P,M	17.89	106	5489044	104.58	ug/l		100
71)	Xylene O	18.59	106	2765434	52.91	ug/l		98
72)	Styrene	18.47	104	4904559	52.88	ug/l		97
73)	Bromoform	18.06	173	962972	60.62	ug/l		99
74)	cis-1,4-Dichloro-2-butene	18.31	75	364245	45.45	ug/l		98
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	265420	47.13	ug/l		97
78)	1,2,3-Trichloropropane	18.85	75	1003487	49.24	ug/l		99
79)	Isopropylbenzene	19.31	105	5623287	50.82	ug/l		99
80)	Bromobenzene	19.77	156	1733882	50.95	ug/l		97
81)	1,1,2,2-Tetrachloroethane	18.58	83	1622661	54.37	ug/l		99
82)	n-Propylbenzene	20.17	91	6267691	51.90	ug/l		99
83)	2-Chlorotoluene	20.32	91	4221189	50.45	ug/l		98
84)	4-Chlorotoluene	20.45	91	4406029	49.96	ug/l		99
85)	1,3,5-Trimethylbenzene	20.69	105	4298105	49.74	ug/l		98
86)	Pentachloroethane	20.75	119	1007946	55.93	ug/l		97
87)	tert-Butylbenzene	21.09	119	3220019	50.82	ug/l		96
88)	1,2,4-Trimethylbenzene	21.26	105	4613311	51.15	ug/l		98
89)	sec-Butylbenzene	21.40	105	5049943	52.05	ug/l		95
90)	1,3 Dichlorobenzene	21.48	146	2614102	50.32	ug/l		97
91)	4-Isopropyltoluene	21.66	119	4054423	51.31	ug/l		97
92)	1,4 Dichlorobenzene	21.58	146	2763950	49.01	ug/l		96
93)	n-Butylbenzene	22.18	91	3669855	52.89	ug/l		97
94)	1,2 Dichlorobenzene	22.03	146	2516868	49.73	ug/l		97
95)	1,2-Dibromo-3-Chloropropan	22.64	75	154898	49.35	ug/l	#	49
96)	Hexachloroethane	22.71	117	839035	64.95	ug/l		89
97)	1,3,5-Trichlorobenzene	23.74	180	1487588	52.30	ug/l		96
98)	1,2,4-Trichlorobenzene	24.47	180	1328061	53.17	ug/l		97
99)	Hexachlorobutadiene	24.91	225	558258	51.23	ug/l		99
100)	Naphthalene	24.83	128	2464160	49.19	ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	1037909	53.63	ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337159.D Vial: 7
Acq On : 9 Nov 2009 2:30 pm Operator: MD
Sample : BSK0051-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:00 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337160.D Vial: 8
Acq On : 9 Nov 2009 3:02 pm Operator: MD
Sample : BSK0051-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:32 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	3764155	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.17	117	2387262	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	918344	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	4910846	109.81	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 439.24%#			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	2633942	106.10	ug/l	-0.01
Spiked Amount 25.000			Recovery = 424.40%			
59) Toluene-d8 (SURR)	14.81	98	13566355	109.66	ug/l	-0.01
Spiked Amount 25.000			Recovery = 438.64%			
75) Bromofluorobenzene (SURR)	19.36	95	4665472	109.25	ug/l	-0.01
Spiked Amount 25.000			Recovery = 437.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	3182752	98.31	ug/l	100
3) Chloromethane	3.92	50	3834189	90.10	ug/l	99
4) Vinyl Chloride	4.22	62	3004293	93.08	ug/l	100
5) Bromomethane	4.85	94	2740717	136.98	ug/l	99
6) Chloroethane	5.09	64	1699413	99.59	ug/l	97
7) Trichlorofluoromethane	6.00	101	4847406	94.13	ug/l	99
8) Diethyl ether	6.42	59	2305684	96.43	ug/l	91
9) Acrolein	6.01	56	303804	91.22	ug/l	96
10) Acetone	6.22	58	747153	422.75	ug/l	97
11) Iodomethane	6.89	142	4825032	101.77	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.19	101	3469578	103.67	ug/l	96
13) Methyl Acetate	7.22	43	1779205	84.89	ug/l	95
14) Allyl Chloride	7.23	41	6489691	90.47	ug/l	100
15) Carbon Disulfide	7.40	76	12649725	102.26	ug/l	100
16) 1,1-Dichloroethene	6.85	96	3693866	99.02	ug/l	93
17) Methylene Chloride	7.10	84	4277268	96.38	ug/l	90
18) Methyl tert-Butyl Ether	8.35	73	5667109	91.68	ug/l	97
19) Acrylonitrile	6.98	53	794234	85.75	ug/l	98
20) trans-1,2-Dichloroethene	8.14	96	4191149	103.35	ug/l	97
21) 1,1-Dichloroethane	8.53	63	6311834	101.15	ug/l	99
22) Vinyl Acetate	8.78	43	6458899	92.84	ug/l	99
23) Chloroprene	9.11	53	4525323	98.50	ug/l	90
24) 2-Butanone	9.23	72	1007801	544.94	ug/l #	1
25) Di-isopropyl ether	9.27	45	13413845	88.77	ug/l	89
26) Methacrylonitrile	9.38	41	1601212	88.12	ug/l	95
27) cis-1,2 Dichloroethene	9.42	96	4831592	104.64	ug/l	97
28) Methyl Acrylate	9.87	55	2246174	98.73	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	8243857	91.82	ug/l	98
30) 2,2-Dichloropropane	9.87	77	3598810	98.09	ug/l	93
31) Bromochloromethane	9.67	128	2092968	97.83	ug/l	89
32) Tetrahydrofuran	10.27	42	597048	86.59	ug/l	95
33) Chloroform	9.75	83	6384249	103.60	ug/l	98
35) 1-Chlorobutane	10.89	56	5923048	96.93	ug/l	97
36) 1,1,1-Trichloroethane	10.91	97	4663853	102.70	ug/l	100
37) 1,1-Dichloropropene	11.21	75	4468690	104.47	ug/l	98
38) Cyclohexane	11.34	56	4266647	96.01	ug/l	92
39) Carbon Tetrachloride	11.47	117	4089989	112.81	ug/l	100
40) Benzene	11.55	78	15082523	104.32	ug/l	100
42) 1,2-Dichloroethane	10.76	62	3068038	103.63	ug/l	98
43) Tertiary-amyl methyl ether	11.82	73	6188316	83.06	ug/l	95
44) Trichloroethene	12.56	95	4125502	101.30	ug/l	96
45) 1,2-Dichloropropane	12.49	63	3874069	102.18	ug/l	99
46) Dibromomethane	12.43	93	2497195	103.43	ug/l	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337160.D Vial: 8
Acq On : 9 Nov 2009 3:02 pm Operator: MD
Sample : BSK0051-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:32 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

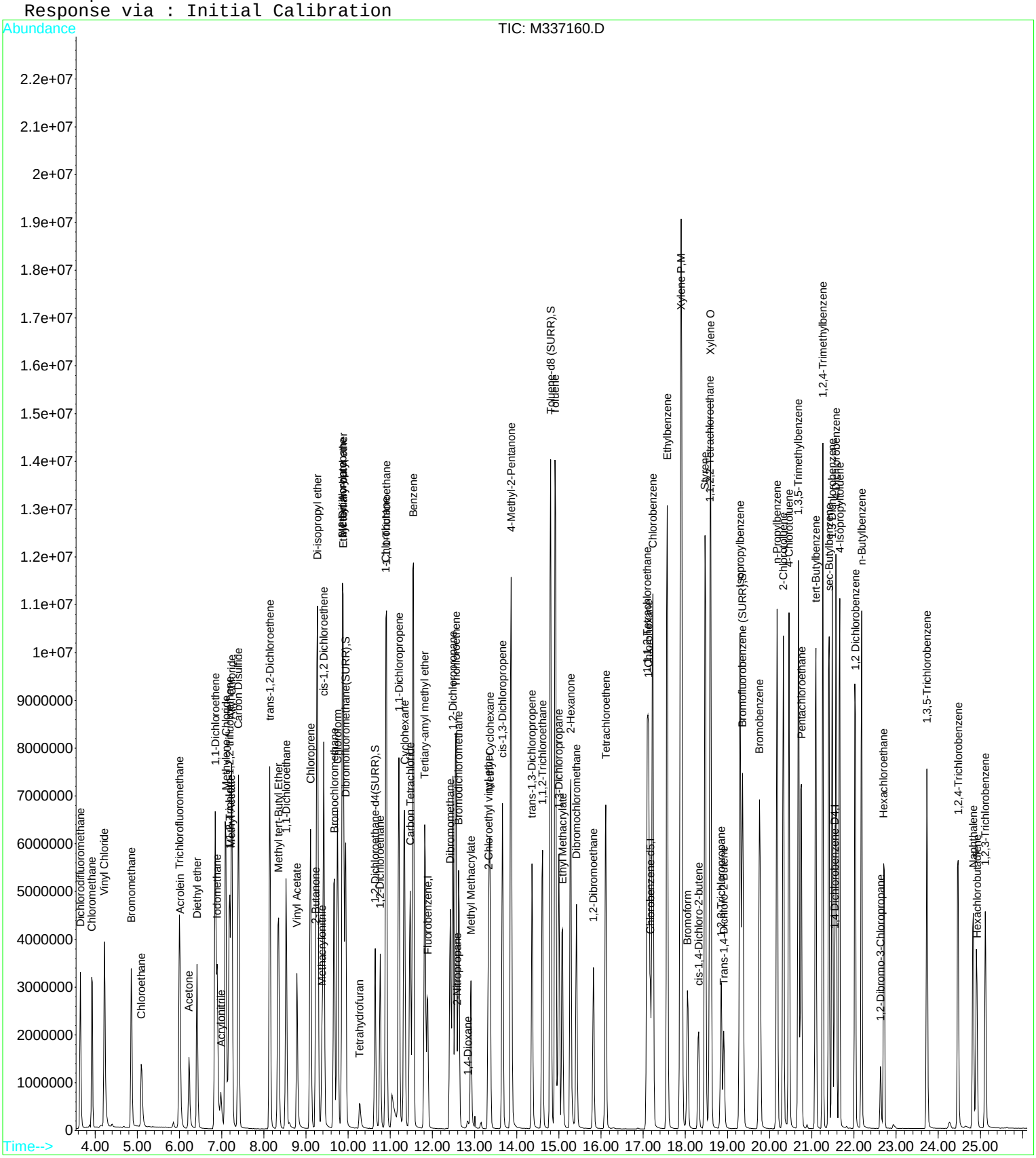
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.59	43	454678	117.09	ug/l		100
48)	Bromodichloromethane	12.62	83	4570176	107.36	ug/l		98
49)	1,4-Dioxane	12.84	88	235805	2142.09	ug/l		79
50)	Methyl Methacrylate	12.92	41	2239380	88.17	ug/l		84
51)	2-Chloroethyl vinyl ether	13.33	63	1604749	503.20	ug/l		97
52)	Methyl Cyclohexane	13.36	83	3294761	98.86	ug/l		93
53)	4-Methyl-2-Pentanone	13.87	58	4230446	461.60	ug/l		88
54)	cis-1,3-Dichloropropene	13.66	75	5154742	102.89	ug/l		98
55)	trans-1,3-Dichloropropene	14.36	75	3955098	108.90	ug/l		99
56)	1,1,2-Trichloroethane	14.61	83	2565322	104.35	ug/l		98
57)	Toluene	14.91	92	9287113	101.46	ug/l		97
60)	Ethyl Methacrylate	15.09	69	3010510	105.20	ug/l		88
61)	2-Hexanone	15.28	43	8228751	507.48	ug/l		96
62)	1,3-Dichloropropane	15.00	76	4638746	111.75	ug/l		100
63)	Tetrachloroethene	16.11	164	2383401	105.03	ug/l		95
64)	Dibromochloromethane	15.42	129	3617729	121.21	ug/l		98
65)	1,2-Dibromoethane	15.82	107	3328090	111.98	ug/l		100
66)	1-Chlorohexane	17.13	91	3509188	104.71	ug/l		96
67)	Chlorobenzene	17.23	112	10320761	110.13	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.10	131	3151131	112.95	ug/l		99
69)	Ethylbenzene	17.57	91	14875805	108.87	ug/l		97
70)	Xylene P,M	17.90	106	11706520	220.80	ug/l	#	79
71)	Xylene O	18.60	106	5913954	112.01	ug/l		97
72)	Styrene	18.46	104	10707598	114.30	ug/l		99
73)	Bromoform	18.05	173	2153540	134.21	ug/l		99
74)	cis-1,4-Dichloro-2-butene	18.32	75	887402	105.53	ug/l		94
77)	Trans-1,4-Dichloro-2-Buten	18.91	53	597656	99.54	ug/l		95
78)	1,2,3-Trichloropropane	18.85	75	2061963	96.96	ug/l		97
79)	Isopropylbenzene	19.30	105	12188577	105.57	ug/l		97
80)	Bromobenzene	19.76	156	3747749	105.54	ug/l		94
81)	1,1,2,2-Tetrachloroethane	18.58	83	3390053	109.08	ug/l		99
82)	n-Propylbenzene	20.17	91	13591020	107.86	ug/l		99
83)	2-Chlorotoluene	20.32	91	9048286	103.64	ug/l		97
84)	4-Chlorotoluene	20.46	91	9494622	103.18	ug/l		97
85)	1,3,5-Trimethylbenzene	20.68	105	9264514	102.74	ug/l		98
86)	Pentachloroethane	20.75	119	2251574	119.73	ug/l		97
87)	tert-Butylbenzene	21.10	119	6990856	105.74	ug/l		97
88)	1,2,4-Trimethylbenzene	21.26	105	9810085	104.23	ug/l		100
89)	sec-Butylbenzene	21.41	105	10967657	108.33	ug/l		98
90)	1,3 Dichlorobenzene	21.48	146	5644543	104.12	ug/l		99
91)	4-Isopropyltoluene	21.66	119	8876992	107.66	ug/l		99
92)	1,4 Dichlorobenzene	21.57	146	5958034	101.25	ug/l		99
93)	n-Butylbenzene	22.18	91	8066300	111.40	ug/l		99
94)	1,2 Dichlorobenzene	22.03	146	5379538	101.86	ug/l		100
95)	1,2-Dibromo-3-Chloropropan	22.63	75	339185	103.56	ug/l		85
96)	Hexachloroethane	22.70	117	1839624	136.48	ug/l		98
97)	1,3,5-Trichlorobenzene	23.73	180	3244545	109.31	ug/l		99
98)	1,2,4-Trichlorobenzene	24.47	180	2882683	110.60	ug/l		98
99)	Hexachlorobutadiene	24.92	225	1232180	108.36	ug/l		99
100)	Naphthalene	24.83	128	5546491	106.11	ug/l		100
101)	1,2,3-Trichlorobenzene	25.11	180	2258754	111.86	ug/l		99

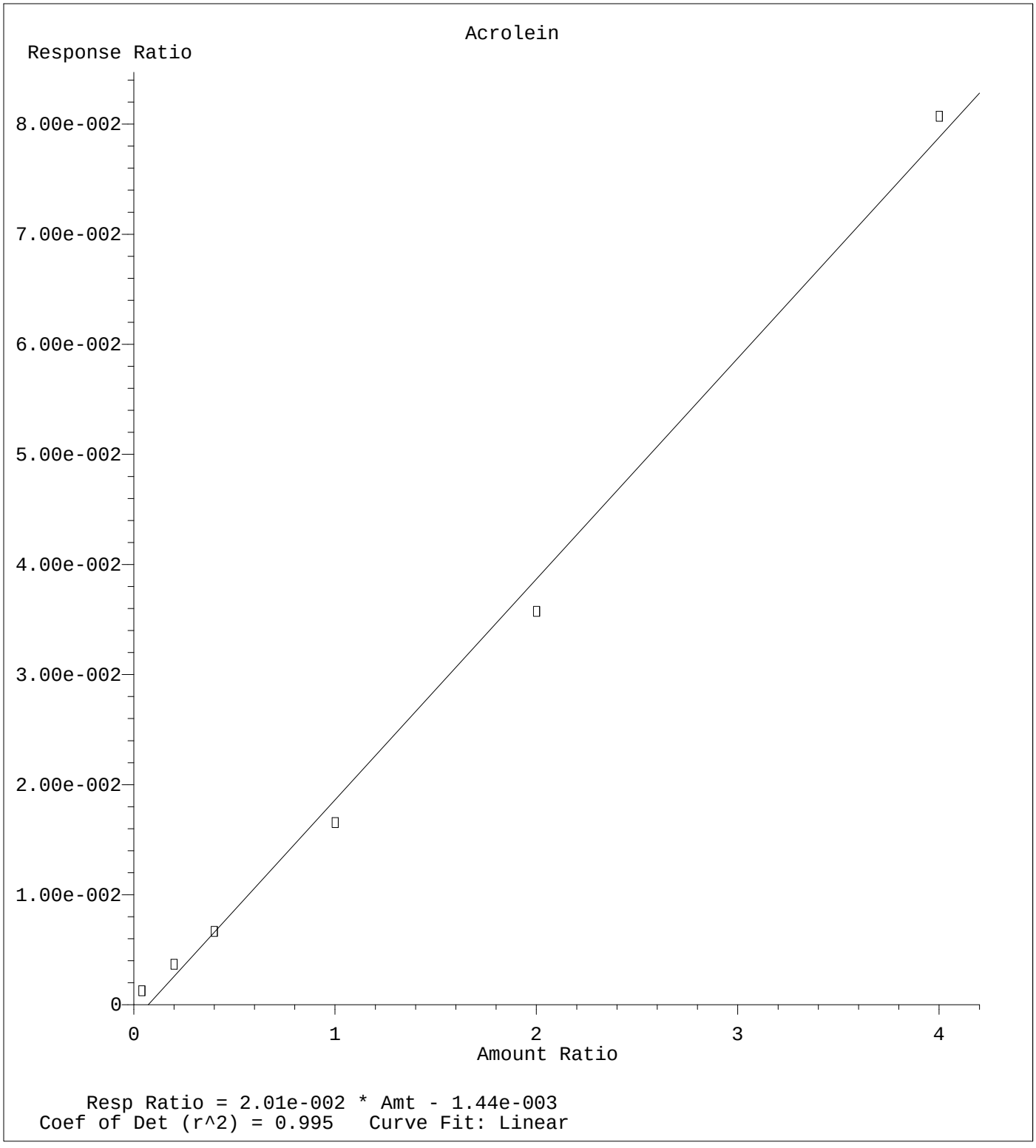
(#) = qualifier out of range (m) = manual integration

Quantitation Report

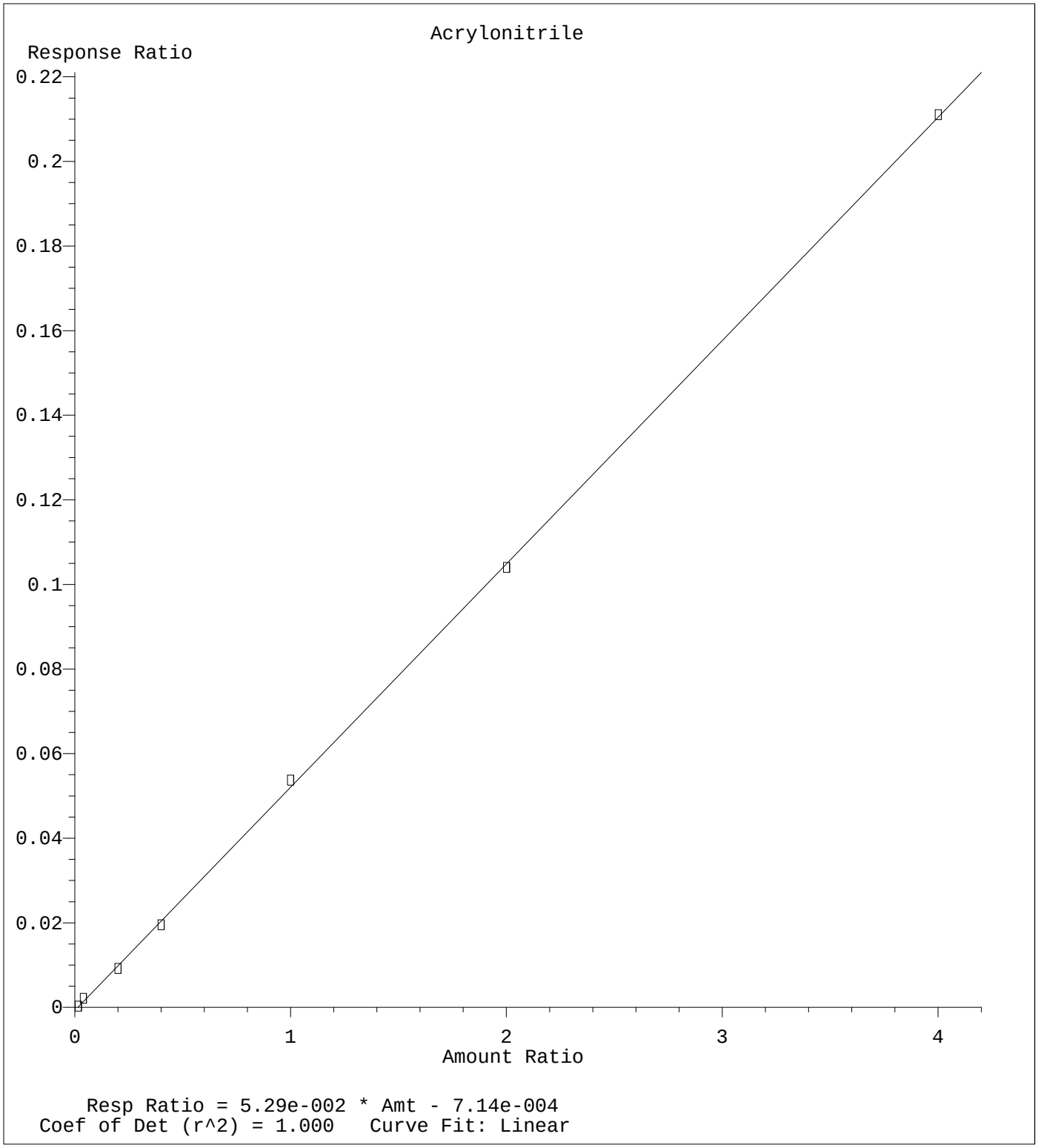
Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337160.D Vial: 8
Acq On : 9 Nov 2009 3:02 pm Operator: MD
Sample : BSK0051-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:32 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration

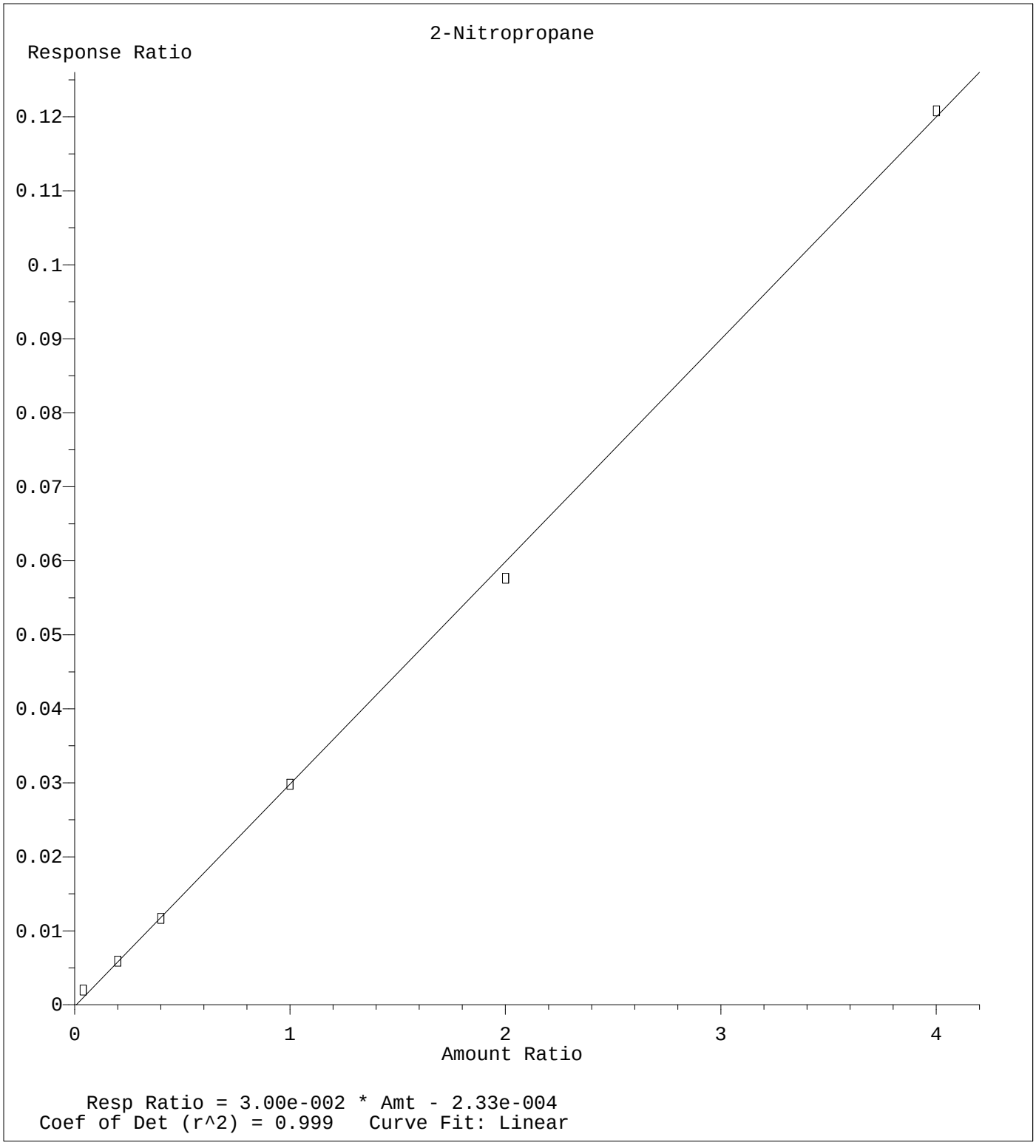




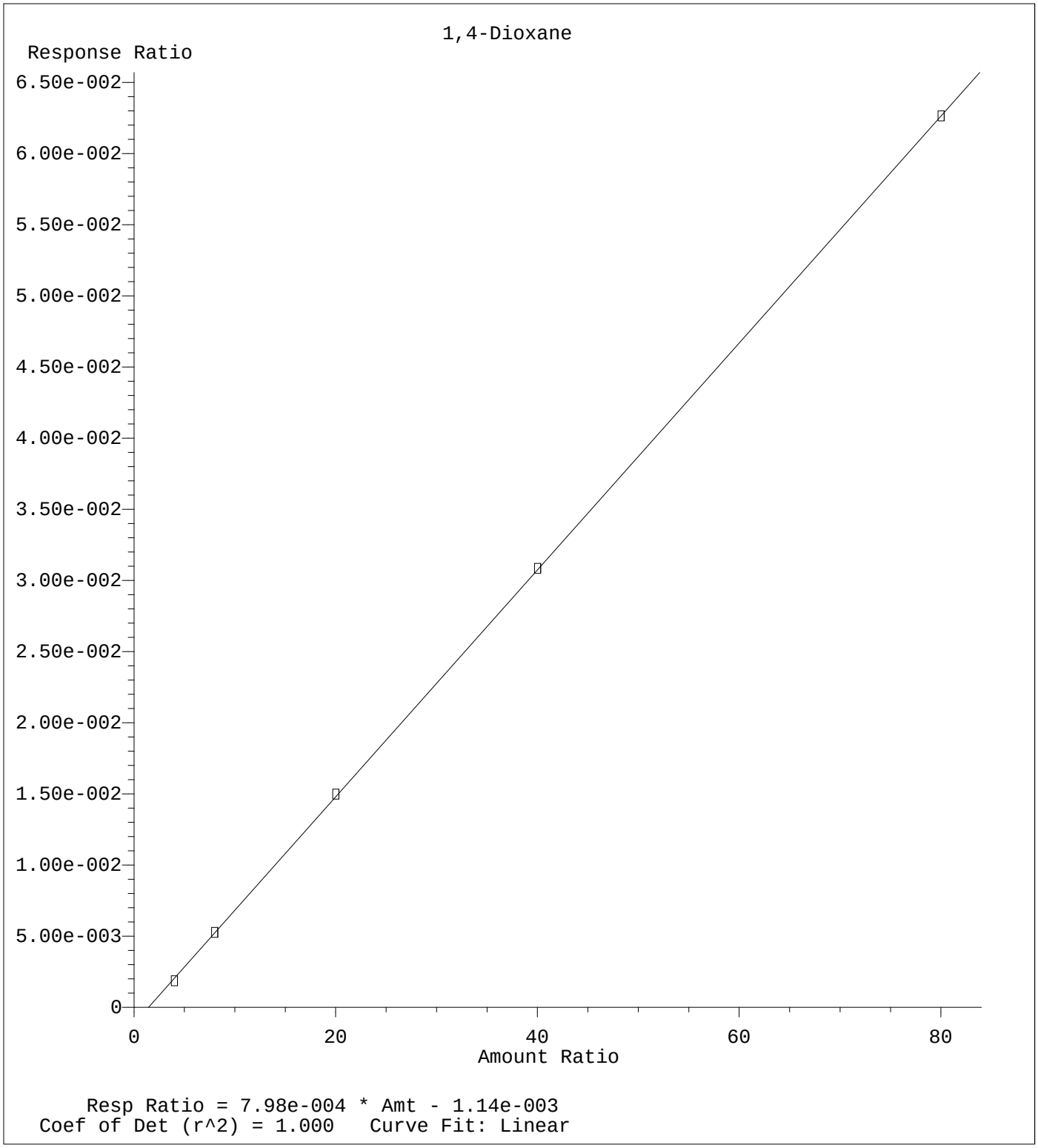
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:33:18 2009



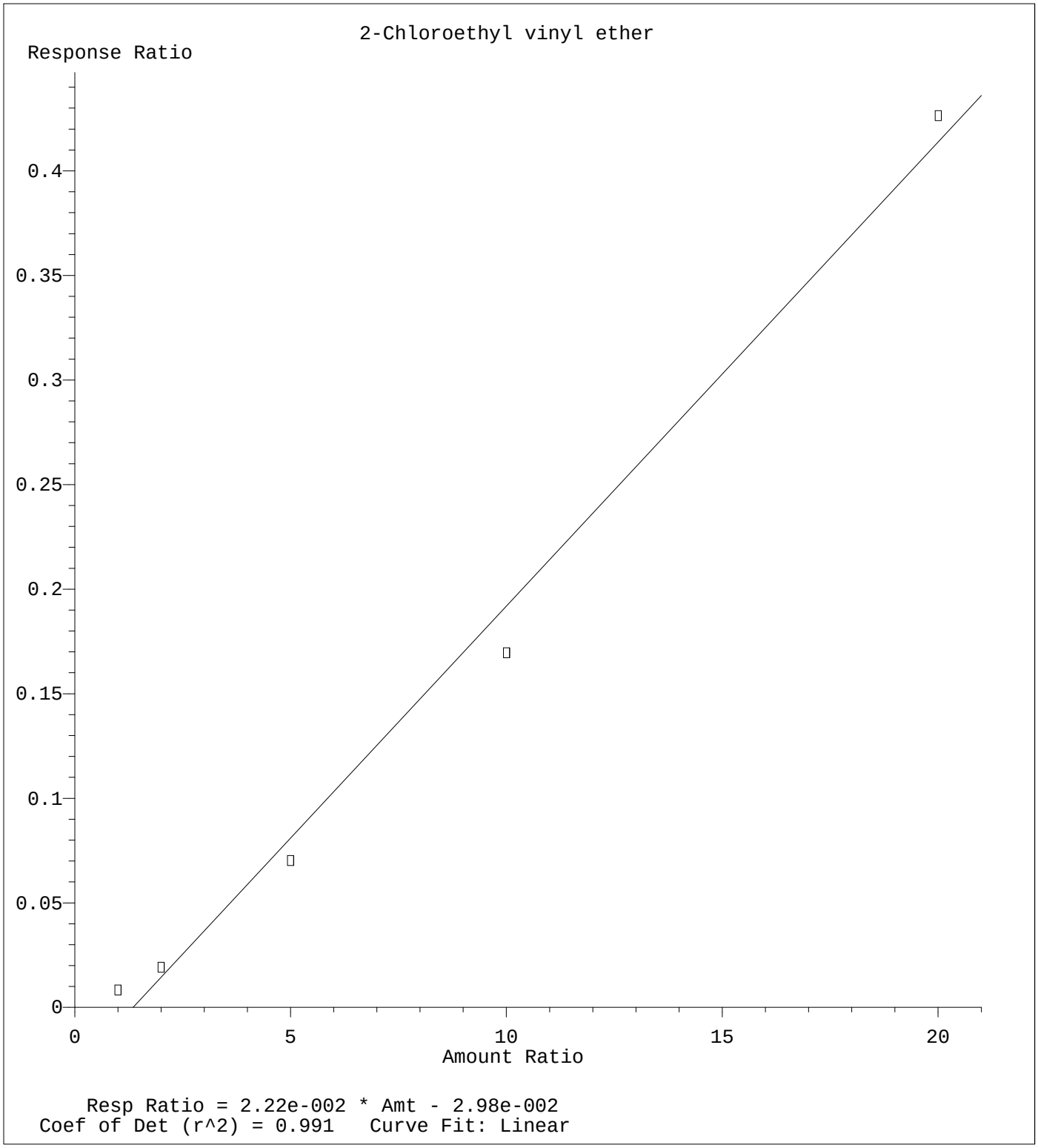
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:33:31 2009



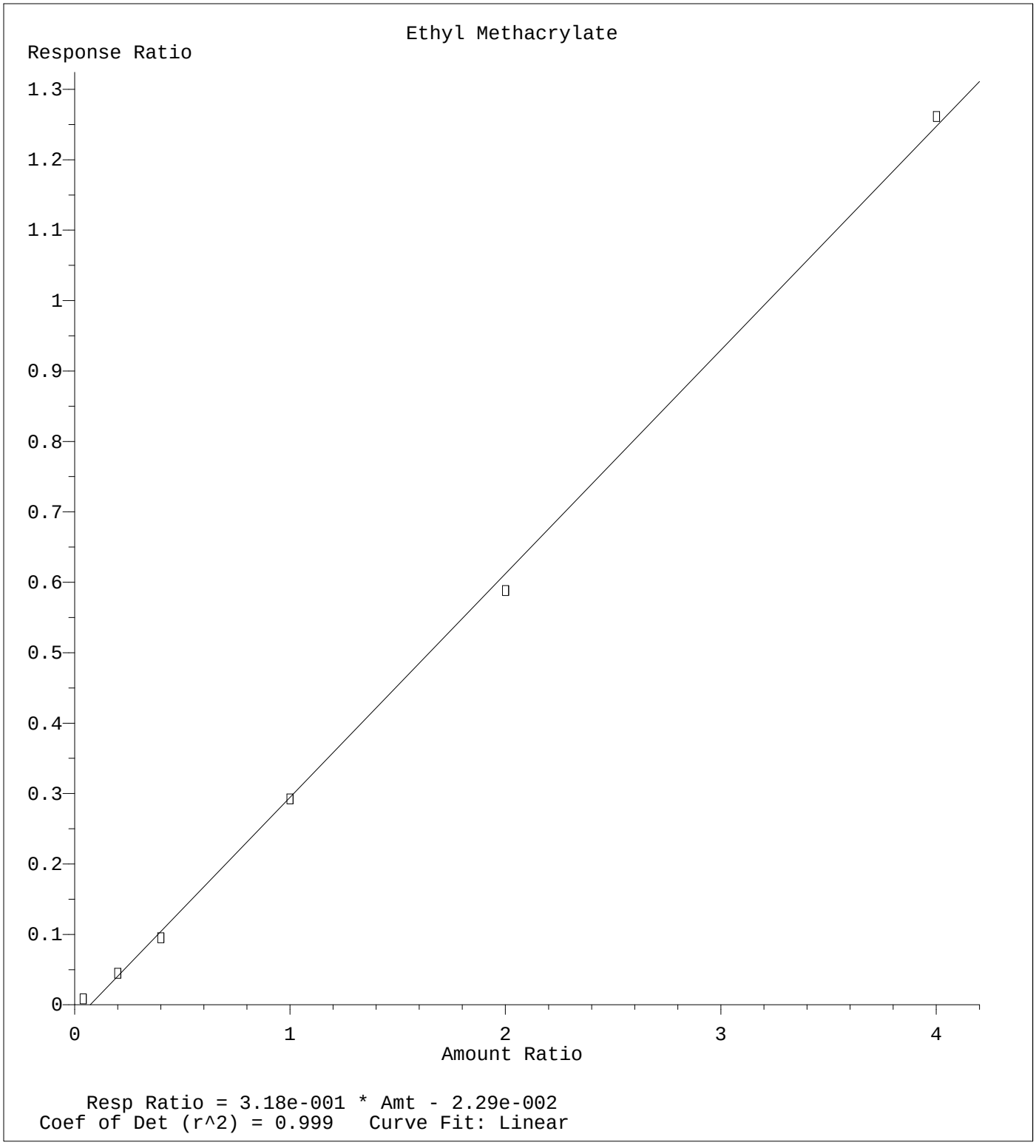
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:04 2009



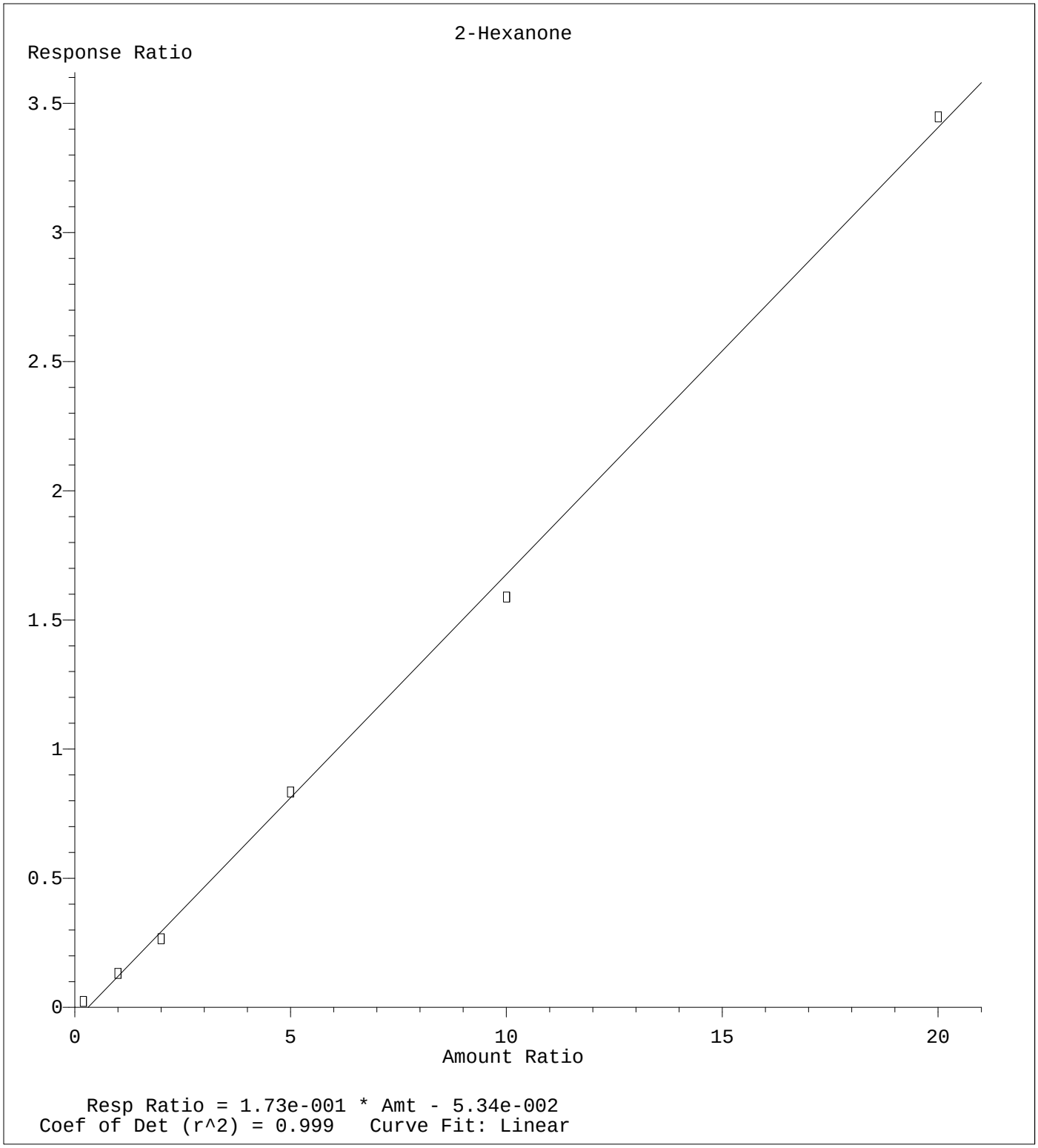
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:14 2009



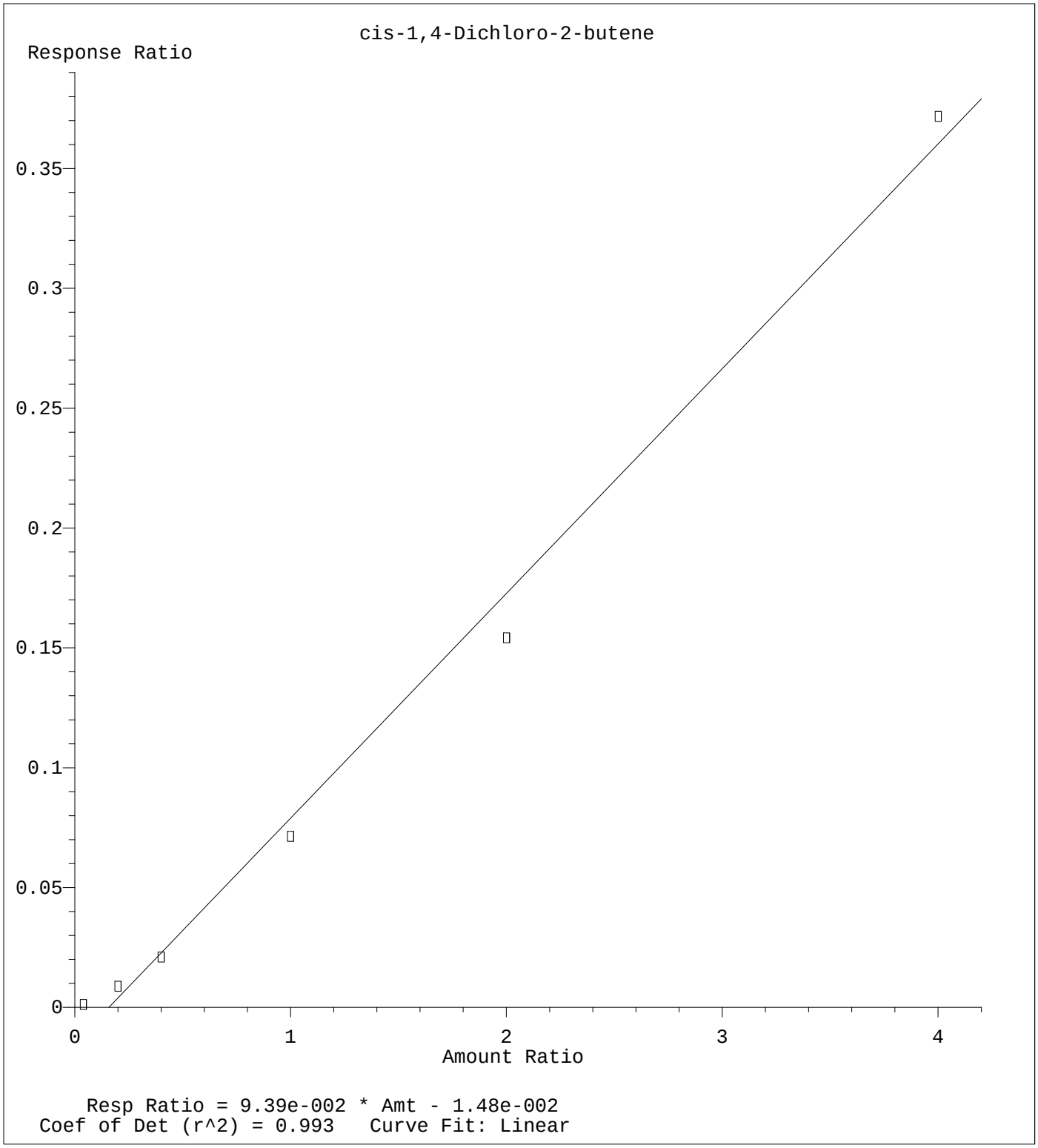
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:21 2009



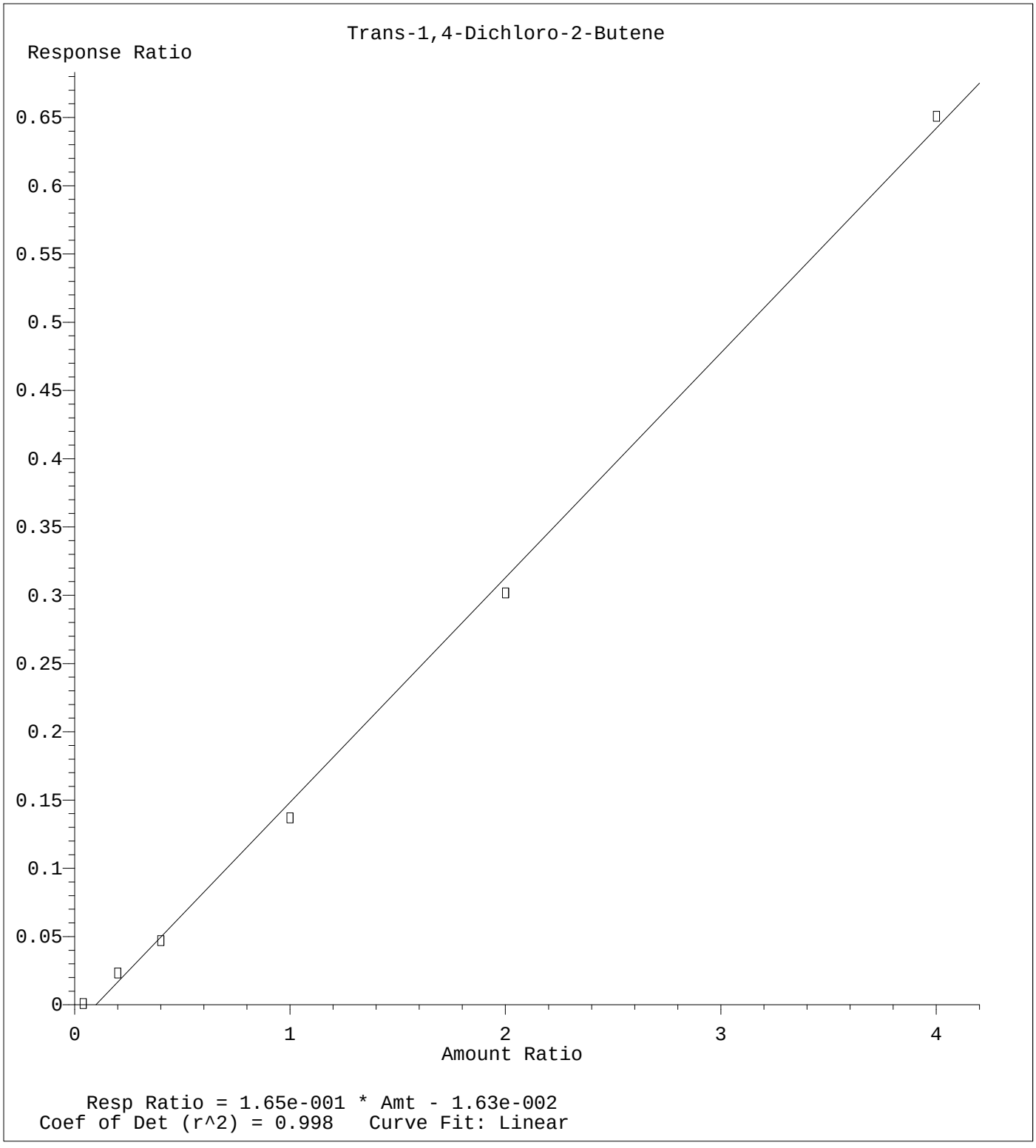
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:37 2009



Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:46 2009



Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:35:03 2009



Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:35:09 2009

Response Factor Report VOA MS3

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:20 2009
Response via : Initial Calibration

Calibration Files
25 =M337158.D 10 =M337157.D 5 =M337156.D
1 =M337155.D 50 =M337159.D 100 =M337160.D

		Compound	25	10	5	1	50	100	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.210	0.209	0.218	0.227	0.210	0.211	0.214	3.29
3)		Chloromethane	0.246	0.248	0.264	0.295	0.249	0.255	0.260	7.16
4)		Vinyl Chloride	0.210	0.207	0.220	0.234	0.209	0.200	0.213	5.65
5)		Bromomethane	0.149	0.132	0.124	0.138	0.166	0.182	0.149	14.87
6)		Chloroethane	0.115	0.116	0.116	0.142	0.115	0.113	0.119	9.31
7)		Trichlorofluorometh	0.281	0.271	0.272	0.285	0.290	0.322	0.287	6.54
8)		Diethyl ether	0.143	0.128	0.132	0.137	0.147	0.153	0.140	6.88
9)		Acrolein	0.017	0.017	0.018	0.032	0.018	0.020	0.020	28.63
10)		Acetone	0.011	0.010	0.011		0.010	0.010	0.010	2.90
11)		Iodomethane	0.342	0.322	0.290	0.281	0.360	0.320	0.319	9.49
12)		1,1,2-Trichloro-1,2	0.219	0.211	0.215	0.233	0.225	0.230	0.222	3.99
13)		Methyl Acetate	0.117	0.110	0.113	0.151	0.115	0.118	0.121	12.65
14)		Allyl Chloride	0.399	0.370	0.356	0.345	0.424	0.431	0.387	9.30
15)		Carbon Disulfide	0.805	0.779	0.785	0.830	0.833	0.840	0.812	3.24
16)		1,1-Dichloroethene	0.232	0.222	0.222	0.239	0.242	0.245	0.234	4.32
17)		Methylene Chloride	0.287	0.284	0.294	0.314	0.289	0.284	0.292	3.87
18)		Methyl tert-Butyl E	0.352	0.319	0.321	0.332	0.358	0.376	0.343	6.64
19)		Acrylonitrile	0.054	0.049	0.046	0.053	0.052	0.053	0.046	29.16
20)		trans-1,2-Dichloroe	0.255	0.245	0.239	0.271	0.269	0.278	0.260	6.01
21)		1,1-Dichloroethane	0.393	0.375	0.376	0.389	0.413	0.419	0.394	4.67
22)		Vinyl Acetate	0.381	0.332	0.345	0.373	0.400	0.429	0.377	9.41
23)		Chloroprene	0.272	0.246	0.242	0.248	0.287	0.301	0.266	9.21
24)		2-Butanone	0.013	0.011	0.010		0.012	0.013	0.012	11.84
25)		Di-isopropyl ether	0.836	0.782	0.759	0.796	0.863	0.891	0.821	6.15
26)		Methacrylonitrile	0.103	0.089	0.108	0.123	0.103	0.106	0.105	10.19
27)		cis-1,2 Dichloroeth	0.303	0.293	0.292	0.292	0.314	0.321	0.303	4.12
28)		Methyl Acrylate	0.146	0.130	0.129	0.098	0.147	0.149	0.133	14.68
29)		Ethyl tertiary-buty	0.519	0.465	0.463	0.465	0.530	0.548	0.498	7.66
30)		2,2-Dichloropropane	0.217	0.197	0.193	0.198	0.229	0.239	0.212	8.93
31)		Bromochloromethane	0.141	0.133	0.134	0.143	0.140	0.139	0.138	2.85
32)		Tetrahydrofuran	0.042	0.037	0.039		0.037	0.040	0.039	6.20
33)		Chloroform	0.394	0.380	0.385	0.415	0.409	0.424	0.401	4.35
34)	S	Dibromofluoromethan	0.308	0.296	0.291	0.313	0.319	0.326	0.309	4.34
35)		1-Chlorobutane	0.363	0.337	0.335	0.340	0.381	0.393	0.358	6.94
36)		1,1,1-Trichloroetha	0.284	0.268	0.272	0.275	0.297	0.310	0.285	5.62
37)		1,1-Dichloropropene	0.274	0.256	0.259	0.258	0.287	0.297	0.272	6.33
38)		Cyclohexane	0.262	0.240	0.238	0.248	0.274	0.283	0.257	7.27
39)		Carbon Tetrachlorid	0.242	0.227	0.229	0.232	0.258	0.272	0.243	7.40
40)		Benzene	0.932	0.886	0.893	0.899	0.972	1.002	0.931	5.09
41)	S	1,2-Dichloroethane-	0.172	0.163	0.167	0.166	0.173	0.175	0.169	2.79
42)		1,2-Dichloroethane	0.197	0.186	0.193	0.202	0.199	0.204	0.197	3.30
43)		Tertiary-amyl methy	0.396	0.368	0.375	0.385	0.395	0.411	0.389	4.00
44)		Trichloroethene	0.259	0.245	0.248	0.270	0.267	0.274	0.261	4.60
45)		1,2-Dichloropropane	0.241	0.229	0.226	0.232	0.249	0.257	0.239	5.14
46)		Dibromomethane	0.164	0.154	0.156	0.181	0.167	0.166	0.165	5.91
47)		2-Nitropropane	0.030	0.029	0.029	0.050	0.029	0.030	0.033	25.34
48)		Bromodichloromethan	0.283	0.261	0.261	0.271	0.296	0.304	0.280	5.90
49)		1,4-Dioxane	0.001	0.001	0.000		0.001	0.001	0.001	19.34
50)		Methyl Methacrylate	0.149	0.125	0.128	0.118	0.145	0.149	0.136	9.98
51)		2-Chloroethyl vinyl	0.014	0.010	0.008		0.017	0.021	0.014	38.13
52)		Methyl Cyclohexane	0.210	0.191	0.191	0.193	0.213	0.219	0.203	6.21
53)		4-Methyl-2-Pentanon	0.057	0.049	0.049	0.044	0.055	0.056	0.052	9.92
54)		cis-1,3-Dichloropro	0.307	0.276	0.277	0.267	0.327	0.342	0.297	9.87
55)		trans-1,3-Dichlorop	0.232	0.199	0.198	0.183	0.250	0.263	0.218	13.78
56)		1,1,2-Trichloroetha	0.169	0.155	0.163	0.168	0.170	0.170	0.166	3.55
57)		Toluene	0.601	0.578	0.589	0.603	0.619	0.617	0.601	2.63
58)	I	Chlorobenzene-d5	----------ISTD----------							

(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:20 2009
Response via : Initial Calibration

Calibration Files
25 =M337158.D 10 =M337157.D 5 =M337156.D
1 =M337155.D 50 =M337159.D 100 =M337160.D

		Compound	25	10	5	1	50	100	Avg	%RSD
59)	S	Toluene-d8 (SURR)	1.324	1.232	1.153	1.235	1.368	1.421	1.289	7.71
60)		Ethyl Methacrylate	0.292	0.238	0.224	0.209	0.294	0.315	0.262	16.81
61)		2-Hexanone	0.167	0.133	0.131	0.113	0.159	0.172	0.146	16.22
62)		1,3-Dichloropropane	0.455	0.409	0.389	0.409	0.463	0.486	0.435	8.73
63)		Tetrachloroethene	0.234	0.222	0.212	0.246	0.235	0.250	0.233	6.12
64)		Dibromochloromethan	0.346	0.304	0.283	0.296	0.349	0.379	0.332	11.24
65)		1,2-Dibromoethane	0.324	0.291	0.282	0.280	0.330	0.349	0.309	9.29
66)		1-Chlorohexane	0.325	0.291	0.273	0.306	0.343	0.367	0.318	10.87
67)		Chlorobenzene	1.010	0.945	0.918	0.981	1.028	1.081	0.994	5.92
68)		1,1,1,2-Tetrachloro	0.301	0.276	0.265	0.274	0.313	0.330	0.293	8.68
69)		Ethylbenzene	1.448	1.304	1.230	1.261	1.493	1.558	1.382	9.79
70)		Xylene P,M	0.570	0.526	0.493	0.478	0.581	0.613	0.544	9.73
71)		Xylene O	0.568	0.524	0.509	0.495	0.585	0.619	0.550	8.82
72)		Styrene	1.000	0.873	0.801	0.764	1.038		0.895	13.45
73)		Bromoform	0.203	0.182	0.175	0.172	0.204	0.226	0.194	10.76
74)		cis-1,4-Dichloro-2-	0.071	0.053	0.044	0.029	0.077	0.093	0.061	38.33
75)	S	Bromofluorobenzene	0.454	0.420	0.395	0.431	0.465	0.489	0.442	7.58
76)	I	1,4 Dichlorobenzene-D	----------	----------	ISTD	----------	----------	----------	----------	
77)		Trans-1,4-Dichloro-	0.137	0.118	0.116	0.023	0.151	0.163	0.118	42.20
78)		1,2,3-Trichloroprop	0.578	0.527	0.547	0.598	0.570	0.561	0.563	4.39
79)		Isopropylbenzene	3.017	2.799	2.692	2.551	3.195	3.318	2.929	10.20
80)		Bromobenzene	0.960	0.887	0.836	0.833	0.985	1.020	0.920	8.64
81)		1,1,2,2-Tetrachloro	0.940	0.872	0.914	0.931	0.922	0.923	0.931	4.53
82)		n-Propylbenzene	3.375	3.102	2.963	2.757	3.561	3.700	3.243	11.22
83)		2-Chlorotoluene	2.315	2.215	2.152	2.278	2.398	2.463	2.304	4.99
84)		4-Chlorotoluene	2.427	2.274	2.281	2.262	2.503	2.585	2.389	5.73
85)		1,3,5-Trimethylbenz	2.349	2.191	2.122	1.982	2.442	2.522	2.268	9.05
86)		Pentachloroethane	0.590	0.547	0.555	0.612	0.573	0.613	0.582	4.83
87)		tert-Butylbenzene	1.727	1.569	1.479	1.489	1.829	1.903	1.666	10.80
88)		1,2,4-Trimethylbenz	2.502	2.327	2.267	2.243	2.621	2.671	2.439	7.58
89)		sec-Butylbenzene	2.721	2.542	2.394	2.332	2.869	2.986	2.641	9.92
90)		1,3 Dichlorobenzene	1.443	1.345	1.371	1.403	1.485	1.537	1.431	5.04
91)		4-Isopropyltoluene	2.144	2.009	1.942	1.864	2.303	2.417	2.113	10.18
92)		1,4 Dichlorobenzene	1.541	1.525	1.522	1.676	1.570	1.622	1.576	3.89
93)		n-Butylbenzene	1.962	1.765	1.658	1.523	2.085	2.196	1.865	13.93
94)		1,2 Dichlorobenzene	1.401	1.314	1.314	1.371	1.430	1.464	1.382	4.45
95)		1,2-Dibromo-3-Chlor	0.093	0.081	0.075	0.074	0.088	0.092	0.084	10.10
96)		Hexachloroethane	0.448	0.416	0.398	0.424	0.477	0.501	0.444	8.79
97)		1,3,5-Trichlorobenz	0.804	0.739	0.699	0.723	0.845	0.883	0.782	9.39
98)		1,2,4-Trichlorobenz	0.731	0.658	0.620	0.643	0.755	0.785	0.698	9.62
99)		Hexachlorobutadiene	0.297	0.288	0.270	0.306	0.317	0.335	0.300	7.18
100)		Naphthalene	1.350	1.134	1.095	1.081	1.400	1.510	1.262	14.42
101)		1,2,3-Trichlorobenz	0.579	0.520	0.487	0.493	0.590	0.615	0.547	9.89

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report VOA MS3

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:48 2009
Response via : Initial Calibration

Calibration Files
10 =M337157.D 5 =M337156.D 1 =M337155.D
50 =M337159.D 100 =M337160.D 0.4 =M337154.D

		Compound	10	5	1	50	100	0.4	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.209	0.218	0.227	0.210	0.211		0.215	3.48
3)		Chloromethane	0.248	0.264	0.295	0.249	0.255		0.262	7.42
4)		Vinyl Chloride	0.207	0.220	0.234	0.209	0.200		0.214	6.24
5)		Bromomethane	0.132	0.124	0.138	0.166	0.182		0.148	16.64
6)		Chloroethane	0.116	0.116	0.142	0.115	0.113		0.120	10.16
7)		Trichlorofluorometh	0.271	0.272	0.285	0.290	0.322		0.288	7.18
8)		Diethyl ether	0.128	0.132	0.137	0.147	0.153		0.139	7.64
9)		Acrolein	0.017	0.018	0.032	0.018	0.020		0.021	29.35
10)		Acetone	0.010	0.011		0.010	0.010		0.010	2.43
11)		Iodomethane	0.322	0.290	0.281	0.360	0.320		0.315	9.99
12)		1,1,2-Trichloro-1,2	0.211	0.215	0.233	0.225	0.230		0.223	4.38
13)		Methyl Acetate	0.110	0.113	0.151	0.115	0.118		0.121	13.92
14)		Allyl Chloride	0.370	0.356	0.345	0.424	0.431		0.385	10.33
15)		Carbon Disulfide	0.779	0.785	0.830	0.833	0.840		0.813	3.58
16)		1,1-Dichloroethene	0.222	0.222	0.239	0.242	0.245		0.234	4.81
17)		Methylene Chloride	0.284	0.294	0.314	0.289	0.284		0.293	4.20
18)		Methyl tert-Butyl E	0.319	0.321	0.332	0.358	0.376		0.341	7.32
19)		Acrylonitrile	0.049	0.046	0.053	0.052	0.053	0.016	0.045	31.81
20)		trans-1,2-Dichloroe	0.245	0.239	0.271	0.269	0.278		0.260	6.61
21)		1,1-Dichloroethane	0.375	0.376	0.389	0.413	0.419		0.395	5.21
22)		Vinyl Acetate	0.332	0.345	0.373	0.400	0.429		0.376	10.53
23)		Chloroprene	0.246	0.242	0.248	0.287	0.301		0.265	10.26
24)		2-Butanone	0.011	0.010		0.012	0.013		0.012	13.22
25)		Di-isopropyl ether	0.782	0.759	0.796	0.863	0.891		0.818	6.83
26)		Methacrylonitrile	0.089	0.108	0.123	0.103	0.106		0.106	11.26
27)		cis-1,2 Dichloroeth	0.293	0.292	0.292	0.314	0.321		0.302	4.61
28)		Methyl Acrylate	0.130	0.129	0.098	0.147	0.149		0.131	15.81
29)		Ethyl tertiary-buty	0.465	0.463	0.465	0.530	0.548		0.494	8.33
30)		2,2-Dichloropropane	0.197	0.193	0.198	0.229	0.239		0.211	9.94
31)		Bromochloromethane	0.133	0.134	0.143	0.140	0.139		0.138	2.99
32)		Tetrahydrofuran	0.037	0.039		0.037	0.040		0.038	4.04
33)		Chloroform	0.380	0.385	0.415	0.409	0.424		0.403	4.75
34)	S	Dibromofluoromethan	0.296	0.291	0.313	0.319	0.326		0.309	4.84
35)		1-Chlorobutane	0.337	0.335	0.340	0.381	0.393		0.357	7.75
36)		1,1,1-Trichloroetha	0.268	0.272	0.275	0.297	0.310		0.285	6.28
37)		1,1-Dichloropropene	0.256	0.259	0.258	0.287	0.297		0.271	7.08
38)		Cyclohexane	0.240	0.238	0.248	0.274	0.283		0.256	8.09
39)		Carbon Tetrachlorid	0.227	0.229	0.232	0.258	0.272		0.243	8.26
40)		Benzene	0.886	0.893	0.899	0.972	1.002		0.930	5.69
41)	S	1,2-Dichloroethane-	0.163	0.167	0.166	0.173	0.175		0.169	2.98
42)		1,2-Dichloroethane	0.186	0.193	0.202	0.199	0.204		0.197	3.69
43)		Tertiary-amyl methy	0.368	0.375	0.385	0.395	0.411		0.387	4.36
44)		Trichloroethene	0.245	0.248	0.270	0.267	0.274		0.261	5.13
45)		1,2-Dichloropropane	0.229	0.226	0.232	0.249	0.257		0.239	5.74
46)		Dibromomethane	0.154	0.156	0.181	0.167	0.166		0.165	6.60
47)		2-Nitropropane	0.029	0.029	0.050	0.029	0.030		0.033	27.35
48)		Bromodichloromethan	0.261	0.261	0.271	0.296	0.304	0.285	0.280	6.45
49)		1,4-Dioxane	0.001	0.000		0.001	0.001		0.001	22.01
50)		Methyl Methacrylate	0.125	0.128	0.118	0.145	0.149		0.133	9.98
51)		2-Chloroethyl vinyl	0.010	0.008		0.017	0.021		0.014	44.03
52)		Methyl Cyclohexane	0.191	0.191	0.193	0.213	0.219		0.201	6.72
53)		4-Methyl-2-Pentanon	0.049	0.049	0.044	0.055	0.056		0.051	9.78
54)		cis-1,3-Dichloropro	0.276	0.277	0.267	0.327	0.342	0.279	0.295	10.74
55)		trans-1,3-Dichlorop	0.199	0.198	0.183	0.250	0.263	0.202	0.216	14.94
56)		1,1,2-Trichloroetha	0.155	0.163	0.168	0.170	0.170		0.165	3.86
57)		Toluene	0.578	0.589	0.603	0.619	0.617		0.601	2.94
58)	I	Chlorobenzene-d5	----------ISTD----------							

(#) = Out of Range ### Number of calibration levels exceeded format ###

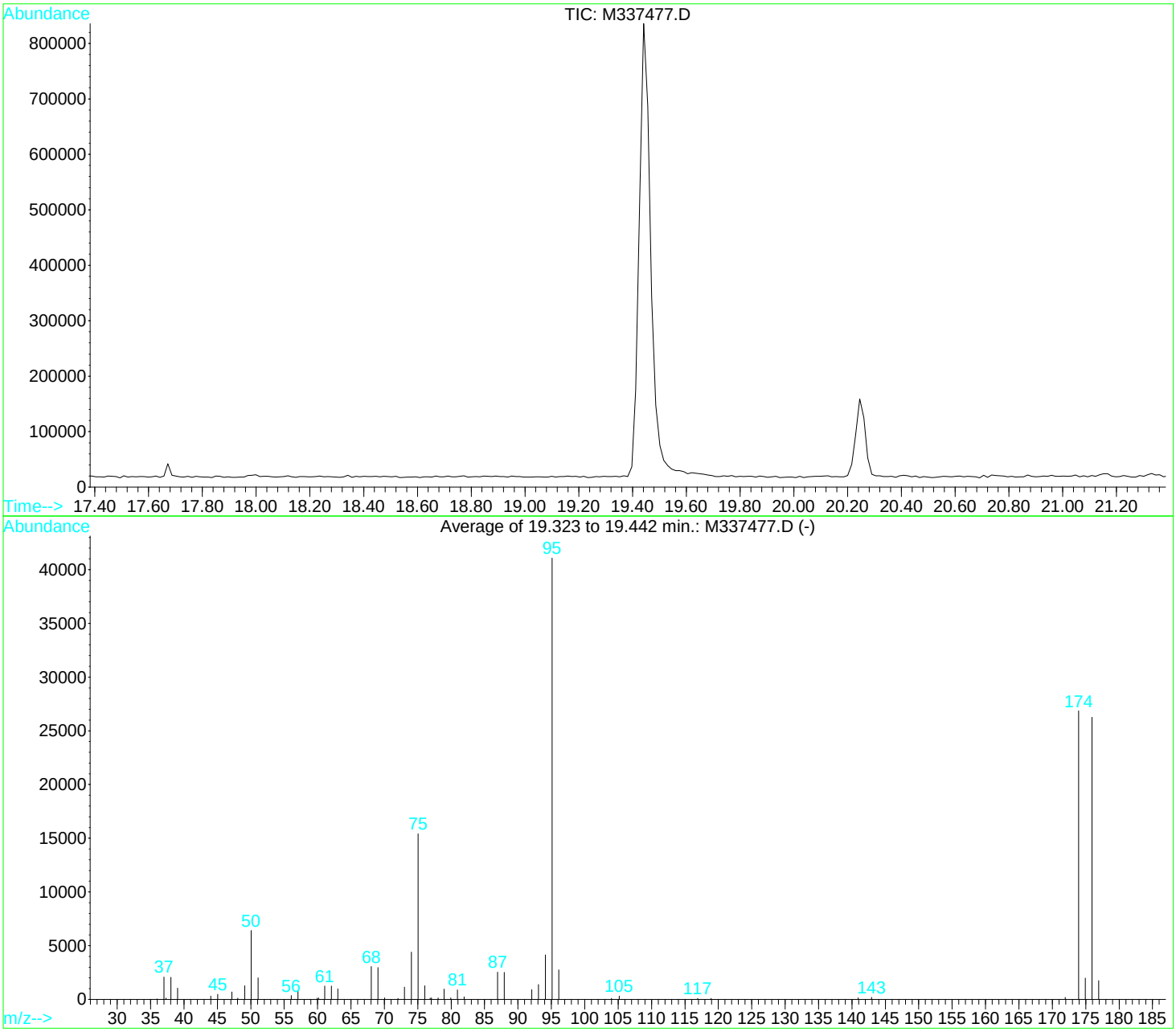
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:48 2009
Response via : Initial Calibration

Calibration Files
10 =M337157.D 5 =M337156.D 1 =M337155.D
50 =M337159.D 100 =M337160.D 0.4 =M337154.D

		Compound	10	5	1	50	100	0.4	Avg	%RSD
59)	S	Toluene-d8 (SURR)	1.232	1.153	1.235	1.368	1.421		1.282	8.54
60)		Ethyl Methacrylate	0.238	0.224	0.209	0.294	0.315		0.256	18.11
61)		2-Hexanone	0.133	0.131	0.113	0.159	0.172		0.142	16.81
62)		1,3-Dichloropropane	0.409	0.389	0.409	0.463	0.486		0.431	9.51
63)		Tetrachloroethene	0.222	0.212	0.246	0.235	0.250		0.233	6.85
64)		Dibromochloromethan	0.304	0.283	0.296	0.349	0.379	0.367	0.330	12.23
65)		1,2-Dibromoethane	0.291	0.282	0.280	0.330	0.349		0.306	10.14
66)		1-Chlorohexane	0.291	0.273	0.306	0.343	0.367		0.316	12.13
67)		Chlorobenzene	0.945	0.918	0.981	1.028	1.081		0.991	6.59
68)		1,1,1,2-Tetrachloro	0.276	0.265	0.274	0.313	0.330		0.292	9.65
69)		Ethylbenzene	1.304	1.230	1.261	1.493	1.558		1.369	10.73
70)		Xylene P,M	0.526	0.493	0.478	0.581	0.613		0.538	10.65
71)		Xylene O	0.524	0.509	0.495	0.585	0.619		0.546	9.75
72)		Styrene	0.873	0.801	0.764	1.038			0.869	13.97
73)		Bromoform	0.182	0.175	0.172	0.204	0.226		0.192	11.84
74)		cis-1,4-Dichloro-2-	0.053	0.044	0.029	0.077	0.093		0.059	43.32
75)	S	Bromofluorobenzene	0.420	0.395	0.431	0.465	0.489		0.440	8.40
76)	I	1,4 Dichlorobenzene-D	----------	----------	ISTD	----------	----------			
77)		Trans-1,4-Dichloro-	0.118	0.116	0.023	0.151	0.163		0.114	47.89
78)		1,2,3-Trichloroprop	0.527	0.547	0.598	0.570	0.561		0.561	4.73
79)		Isopropylbenzene	2.799	2.692	2.551	3.195	3.318		2.911	11.35
80)		Bromobenzene	0.887	0.836	0.833	0.985	1.020		0.912	9.45
81)		1,1,2,2-Tetrachloro	0.872	0.914	0.931	0.922	0.923	1.013	0.929	4.94
82)		n-Propylbenzene	3.102	2.963	2.757	3.561	3.700		3.217	12.44
83)		2-Chlorotoluene	2.215	2.152	2.278	2.398	2.463		2.301	5.57
84)		4-Chlorotoluene	2.274	2.281	2.262	2.503	2.585		2.381	6.37
85)		1,3,5-Trimethylbenz	2.191	2.122	1.982	2.442	2.522		2.252	10.00
86)		Pentachloroethane	0.547	0.555	0.612	0.573	0.613		0.580	5.36
87)		tert-Butylbenzene	1.569	1.479	1.489	1.829	1.903		1.654	12.00
88)		1,2,4-Trimethylbenz	2.327	2.267	2.243	2.621	2.671		2.426	8.40
89)		sec-Butylbenzene	2.542	2.394	2.332	2.869	2.986		2.625	11.03
90)		1,3 Dichlorobenzene	1.345	1.371	1.403	1.485	1.537		1.428	5.63
91)		4-Isopropyltoluene	2.009	1.942	1.864	2.303	2.417		2.107	11.38
92)		1,4 Dichlorobenzene	1.525	1.522	1.676	1.570	1.622		1.583	4.16
93)		n-Butylbenzene	1.765	1.658	1.523	2.085	2.196		1.845	15.48
94)		1,2 Dichlorobenzene	1.314	1.314	1.371	1.430	1.464		1.379	4.93
95)		1,2-Dibromo-3-Chlor	0.081	0.075	0.074	0.088	0.092		0.082	9.75
96)		Hexachloroethane	0.416	0.398	0.424	0.477	0.501		0.443	9.83
97)		1,3,5-Trichlorobenz	0.739	0.699	0.723	0.845	0.883		0.778	10.45
98)		1,2,4-Trichlorobenz	0.658	0.620	0.643	0.755	0.785		0.692	10.55
99)		Hexachlorobutadiene	0.288	0.270	0.306	0.317	0.335	0.288	0.301	7.83
100)		Naphthalene	1.134	1.095	1.081	1.400	1.510		1.244	15.88
101)		1,2,3-Trichlorobenz	0.520	0.487	0.493	0.590	0.615		0.541	10.73

(#) = Out of Range ### Number of calibration levels exceeded format ###

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337477.D Vial: 1
Acq On : 3 Dec 2009 8:21 am Operator: MD
Sample : BSL0027-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010



Spectrum Information: Average of 19.323 to 19.442 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	6427	PASS
75	95	30	60	37.6	15427	PASS
95	95	100	100	100.0	41081	PASS
96	95	5	9	6.7	2755	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.4	26853	PASS
175	174	5	9	7.4	1983	PASS
176	174	95	101	97.8	26252	PASS
177	176	5	9	6.7	1753	PASS

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	86	0.00
2		Dichlorodifluoromethane	25.000	25.032	-0.1	88	0.00
3		Chloromethane	25.000	24.446	2.2	88	0.00
4		Vinyl Chloride	25.000	25.991	-4.0	91	0.00
5		Bromomethane	25.000	22.056	11.8	75	0.00
6		Chloroethane	25.000	25.503	-2.0	91	0.00
7		Trichlorofluoromethane	25.000	31.172	-24.7	109	0.00
8		Diethyl ether	25.000	26.663	-6.7	90	0.00
9		Acrolein	25.000	32.689	-30.8#	128	0.00
10		Acetone	125.000	138.257	-10.6	92	0.00
11		Iodomethane	25.000	27.468	-9.9	88	0.00
12		1,1,2-Trichloro-1,2,2-trifl	25.000	25.697	-2.8	89	0.00
13		Methyl Acetate	25.000	26.610	-6.4	94	0.00
14		Allyl Chloride	25.000	28.060	-12.2	93	0.00
15		Carbon Disulfide	25.000	27.034	-8.1	93	0.00
16		1,1-Dichloroethene	25.000	25.963	-3.9	90	0.00
17		Methylene Chloride	25.000	25.450	-1.8	89	0.00
18		Methyl tert-Butyl Ether	25.000	25.055	-0.2	84	0.00
19		Acrylonitrile	25.000	26.858	-7.4	90	0.00
20		trans-1,2-Dichloroethene	25.000	25.868	-3.5	90	0.00
21		1,1-Dichloroethane	25.000	27.090	-8.4	93	0.00
22		Vinyl Acetate	25.000	23.825	4.7	81	0.00
23		Chloroprene	25.000	26.972	-7.9	90	0.00
24		2-Butanone	125.000	136.907	-9.5	88	0.00
25		Di-isopropyl ether	25.000	26.462	-5.8	89	0.00
26		Methacrylonitrile	25.000	25.165	-0.7	88	0.00
27		cis-1,2 Dichloroethene	25.000	26.343	-5.4	90	0.00
28		Methyl Acrylate	25.000	27.106	-8.4	85	0.00
29		Ethyl tertiary-butyl ether	25.000	25.409	-1.6	84	0.00
30		2,2-Dichloropropane	25.000	28.423	-13.7	95	0.00
31		Bromochloromethane	25.000	25.621	-2.5	86	0.00
32		Tetrahydrofuran	25.000	27.430	-9.7	86	0.00
33		Chloroform	25.000	26.107	-4.4	91	0.00
34	S	Dibromofluoromethane(SURR)	25.000	23.773	4.9	82	0.00
35		1-Chlorobutane	25.000	26.552	-6.2	90	0.00
36		1,1,1-Trichloroethane	25.000	26.689	-6.8	92	0.00
37		1,1-Dichloropropene	25.000	26.440	-5.8	90	0.00
38		Cyclohexane	25.000	26.604	-6.4	90	0.00
39		Carbon Tetrachloride	25.000	26.670	-6.7	92	0.00
40		Benzene	25.000	25.776	-3.1	88	0.00
41	S	1,2-Dichloroethane-d4(SURR)	25.000	23.532	5.9	79	0.00
42		1,2-Dichloroethane	25.000	26.203	-4.8	90	0.00
43		Tertiary-amyl methyl ether	25.000	25.080	-0.3	84	0.00
44		Trichloroethene	25.000	25.481	-1.9	88	0.00
45		1,2-Dichloropropane	25.000	25.635	-2.5	87	0.00
46		Dibromomethane	25.000	25.007	-0.0	86	0.00
47		2-Nitropropane	25.000	24.767	0.9	85	0.00
48		Bromodichloromethane	25.000	26.262	-5.0	89	0.00
49		1,4-Dioxane	500.000	541.428	-8.3	92	0.00
50		Methyl Methacrylate	25.000	27.600	-10.4	86	0.00
51		2-Chloroethyl vinyl ether	125.000	164.931	-31.9#	113	0.00
52		Methyl Cyclohexane	25.000	27.417	-9.7	91	0.00
53		4-Methyl-2-Pentanone	125.000	136.990	-9.6	85	0.00
54		cis-1,3-Dichloropropene	25.000	26.165	-4.7	87	0.00
55		trans-1,3-Dichloropropene	25.000	26.394	-5.6	85	0.00
56		1,1,2-Trichloroethane	25.000	25.006	-0.0	84	0.00
57		Toluene	25.000	26.529	-6.1	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	25.000	25.000	0.0	90	0.00
59	S	Toluene-d8 (SURR)	25.000	23.322	6.7	81	0.00
60		Ethyl Methacrylate	25.000	23.758	5.0	85	0.00
61		2-Hexanone	125.000	118.032	5.6	82	0.00
62		1,3-Dichloropropane	25.000	25.090	-0.4	86	0.00
63		Tetrachloroethene	25.000	26.113	-4.5	93	0.00
64		Dibromochloromethane	25.000	23.791	4.8	82	0.00
65		1,2-Dibromoethane	25.000	24.694	1.2	84	0.00
66		1-Chlorohexane	25.000	25.017	-0.1	87	0.00
67		Chlorobenzene	25.000	25.362	-1.4	89	0.00
68		1,1,1,2-Tetrachloroethane	25.000	25.310	-1.2	88	0.00
69		Ethylbenzene	25.000	26.010	-4.0	89	0.00
70		Xylene P,M	50.000	51.532	-3.1	88	0.00
71		Xylene O	25.000	25.613	-2.5	89	0.00
72		Styrene	25.000	26.464	-5.9	85	0.00
73		Bromoform	25.000	24.873	0.5	85	0.00
74		cis-1,4-Dichloro-2-butene	25.000	20.095	19.6	76	0.00
75	S	Bromofluorobenzene (SURR)	25.000	23.235	7.1	81	0.00
76	I	1,4 Dichlorobenzene-D4	25.000	25.000	0.0	86	0.00
77		Trans-1,4-Dichloro-2-Butene	25.000	22.658	9.4	83	0.00
78		1,2,3-Trichloropropane	25.000	26.030	-4.1	87	0.00
79		Isopropylbenzene	25.000	26.240	-5.0	87	0.00
80		Bromobenzene	25.000	26.364	-5.5	87	0.00
81		1,1,2,2-Tetrachloroethane	25.000	25.182	-0.7	86	0.00
82		n-Propylbenzene	25.000	26.416	-5.7	87	0.00
83		2-Chlorotoluene	25.000	25.752	-3.0	88	0.00
84		4-Chlorotoluene	25.000	25.988	-4.0	88	0.00
85		1,3,5-Trimethylbenzene	25.000	26.686	-6.7	89	0.00
86		Pentachloroethane	25.000	24.331	2.7	82	0.00
87		tert-Butylbenzene	25.000	25.965	-3.9	86	0.00
88		1,2,4-Trimethylbenzene	25.000	26.093	-4.4	87	0.00
89		sec-Butylbenzene	25.000	25.471	-1.9	85	0.00
90		1,3 Dichlorobenzene	25.000	25.355	-1.4	86	0.00
91		4-Isopropyltoluene	25.000	25.712	-2.8	87	0.00
92		1,4 Dichlorobenzene	25.000	24.834	0.7	87	0.00
93		n-Butylbenzene	25.000	25.474	-1.9	83	0.00
94		1,2 Dichlorobenzene	25.000	25.011	-0.0	85	0.00
95		1,2-Dibromo-3-Chloropropane	25.000	25.944	-3.8	80	0.00
96		Hexachloroethane	25.000	25.020	-0.1	85	0.00
97		1,3,5-Trichlorobenzene	25.000	25.111	-0.4	84	0.00
98		1,2,4-Trichlorobenzene	25.000	24.364	2.5	80	0.00
99		Hexachlorobutadiene	25.000	25.132	-0.5	87	0.00
100		Naphthalene	25.000	23.584	5.7	76	0.00
101		1,2,3-Trichlorobenzene	25.000	24.049	3.8	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data File Name M337478.D
Operator MD
Date Acquired 3 Dec 2009 8:53 am
Sample Name BSL0027-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	25.99	ug/l	659273	3.96
12)	1,1-Dichloroethene	25.96	ug/l	722376	3.85
27)	Chloroform	26.11	ug/l	1246962	4.43
36)	1,2-Dichloropropane	25.64	ug/l	729959	2.54
45)	Toluene	26.53	ug/l	1898787	6.12
56)	Ethylbenzene	26.01	ug/l	2957384	4.04

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	24.45	ug/l	755569	0.25	0.1
17)	1,1-Dichloroethane	27.09	ug/l	1271914	0.43	0.1
54)	Chlorobenzene	25.36	ug/l	2073136	1.01	0.3
60)	Bromoform	24.87	ug/l	395886	0.19	0.1
67)	1,1,2,2-Tetrachloroethane	25.18	ug/l	698016	0.94	0.3

Internal Standards

#	Name	Amount	Units	Target Response
1)	Fluorobenzene	25.00	ug/l	2976106
43)	Chlorobenzene-d5	25.00	ug/l	2056242
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	744664

Analyst: _____

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2976106	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	2056242	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.59	152	744664	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	874008	23.77	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.08%			
41) 1,2-Dichloroethane-d4(SURR	10.72	65	474233	23.53	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.12%			
59) Toluene-d8 (SURR)	14.88	98	2472331	23.32	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.28%			
75) Bromofluorobenzene (SURR)	19.43	95	845425	23.24	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.69	85	637750	25.03	ug/l	100
3) Chloromethane	3.98	50	755569	24.45	ug/l	99
4) Vinyl Chloride	4.27	62	659273	25.99	ug/l	99
5) Bromomethane	4.91	94	389986	22.06	ug/l	99
6) Chloroethane	5.15	64	362797	25.50	ug/l	97
7) Trichlorofluoromethane	6.06	101	1064395	31.17	ug/l	98
8) Diethyl ether	6.49	59	444223	26.66	ug/l	93
9) Acrolein	6.07	56	73773	32.69	ug/l	97
10) Acetone	6.30	58	169383	138.26	ug/l	98
11) Iodomethane	6.97	142	1044265	27.47	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.25	101	680075	25.70	ug/l	97
13) Methyl Acetate	7.29	43	382245	26.61	ug/l	100
14) Allyl Chloride	7.31	41	1294310	28.06	ug/l	95
15) Carbon Disulfide	7.47	76	2612579	27.03	ug/l	99
16) 1,1-Dichloroethene	6.92	96	722376	25.96	ug/l	96
17) Methylene Chloride	7.16	84	884998	25.45	ug/l	95
18) Methyl tert-Butyl Ether	8.41	73	1023650	25.05	ug/l	97
19) Acrylonitrile	7.06	53	166910	26.86	ug/l	99
20) trans-1,2-Dichloroethene	8.22	96	799235	25.87	ug/l	94
21) 1,1-Dichloroethane	8.60	63	1271914	27.09	ug/l	99
22) Vinyl Acetate	8.86	43	1068844	23.82	ug/l	98
23) Chloroprene	9.18	53	853630	26.97	ug/l	95
24) 2-Butanone	9.32	72	193187	136.91	ug/l #	64
25) Di-isopropyl ether	9.33	45	2586848	26.46	ug/l	92
26) Methacrylonitrile	9.47	41	315778	25.16	ug/l	98
27) cis-1,2 Dichloroethene	9.50	96	948883	26.34	ug/l	98
28) Methyl Acrylate	9.96	55	429761	27.11	ug/l	100
29) Ethyl tertiary-butyl ether	9.96	59	1507137	25.41	ug/l	97
30) 2,2-Dichloropropane	9.94	77	718318	28.42	ug/l	91
31) Bromochloromethane	9.75	128	421695	25.62	ug/l	93
32) Tetrahydrofuran	10.36	42	127029	27.43	ug/l	90
33) Chloroform	9.82	83	1246962	26.11	ug/l	99
35) 1-Chlorobutane	10.97	56	1132139	26.55	ug/l	98
36) 1,1,1-Trichloroethane	10.98	97	903970	26.69	ug/l	99
37) 1,1-Dichloropropene	11.28	75	855169	26.44	ug/l	99
38) Cyclohexane	11.40	56	815264	26.60	ug/l	94
39) Carbon Tetrachloride	11.55	117	771925	26.67	ug/l	99
40) Benzene	11.61	78	2855714	25.78	ug/l	100
42) 1,2-Dichloroethane	10.83	62	613654	26.20	ug/l	98
43) Tertiary-amyl methyl ether	11.89	73	1159951	25.08	ug/l	95
44) Trichloroethene	12.62	95	790299	25.48	ug/l	95
45) 1,2-Dichloropropane	12.56	63	729959	25.64	ug/l	98
46) Dibromomethane	12.50	93	490408	25.01	ug/l	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

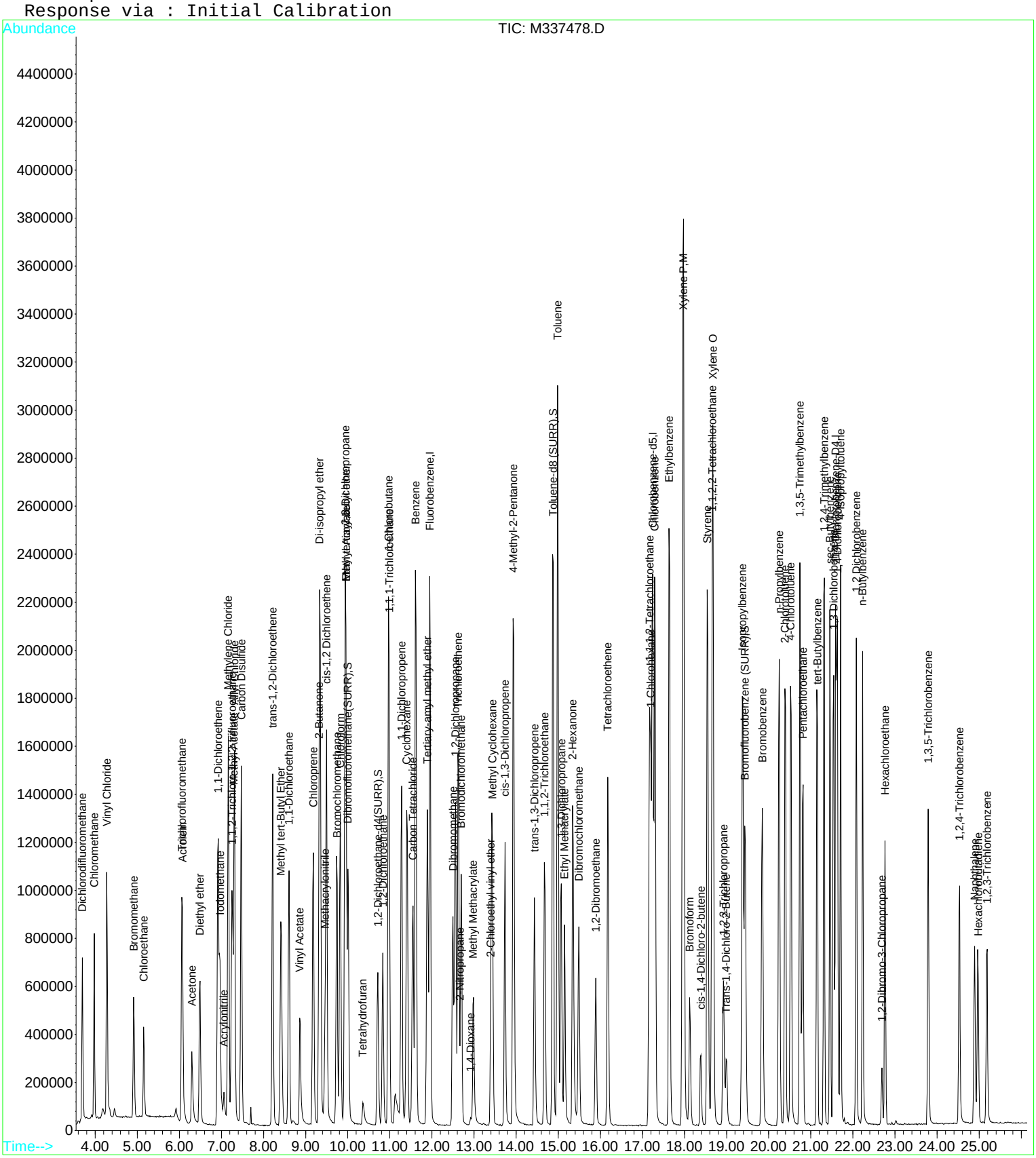
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.66	43	87740	24.77	ug/l		95
48)	Bromodichloromethane	12.69	83	875912	26.26	ug/l		99
49)	1,4-Dioxane	12.92	88	48045	541.43	ug/l		87
50)	Methyl Methacrylate	12.98	41	446015	27.60	ug/l		96
51)	2-Chloroethyl vinyl ether	13.39	63	275524	164.93	ug/l		98
52)	Methyl Cyclohexane	13.44	83	662036	27.42	ug/l		98
53)	4-Methyl-2-Pentanone	13.93	58	843836	136.99	ug/l		97
54)	cis-1,3-Dichloropropene	13.73	75	923799	26.16	ug/l		95
55)	trans-1,3-Dichloropropene	14.43	75	685818	26.39	ug/l		97
56)	1,1,2-Trichloroethane	14.67	83	493488	25.01	ug/l		95
57)	Toluene	14.98	92	1898787	26.53	ug/l		97
60)	Ethyl Methacrylate	15.15	69	573683	23.76	ug/l		95
61)	2-Hexanone	15.34	43	1569638	118.03	ug/l		98
62)	1,3-Dichloropropane	15.07	76	897979	25.09	ug/l		99
63)	Tetrachloroethene	16.17	164	500490	26.11	ug/l		97
64)	Dibromochloromethane	15.49	129	649668	23.79	ug/l		100
65)	1,2-Dibromoethane	15.89	107	628338	24.69	ug/l		100
66)	1-Chlorohexane	17.20	91	653703	25.02	ug/l		96
67)	Chlorobenzene	17.29	112	2073136	25.36	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.17	131	610221	25.31	ug/l		99
69)	Ethylbenzene	17.63	91	2957384	26.01	ug/l		98
70)	Xylene P,M	17.97	106	2303709	51.53	ug/l		98
71)	Xylene O	18.67	106	1158876	25.61	ug/l		95
72)	Styrene	18.54	104	1947908	26.46	ug/l		94
73)	Bromoform	18.12	173	395886	24.87	ug/l		99
74)	cis-1,4-Dichloro-2-butene	18.39	75	124654	20.10	ug/l		87
77)	Trans-1,4-Dichloro-2-Buten	18.99	53	99023	22.66	ug/l		89
78)	1,2,3-Trichloropropane	18.93	75	436818	26.03	ug/l		95
79)	Isopropylbenzene	19.37	105	2288976	26.24	ug/l		99
80)	Bromobenzene	19.85	156	722618	26.36	ug/l		96
81)	1,1,2,2-Tetrachloroethane	18.66	83	698016	25.18	ug/l		99
82)	n-Propylbenzene	20.25	91	2551763	26.42	ug/l		97
83)	2-Chlorotoluene	20.38	91	1767052	25.75	ug/l		97
84)	4-Chlorotoluene	20.52	91	1849069	25.99	ug/l		98
85)	1,3,5-Trimethylbenzene	20.74	105	1802768	26.69	ug/l		97
86)	Pentachloroethane	20.81	119	421501	24.33	ug/l		93
87)	tert-Butylbenzene	21.16	119	1288694	25.97	ug/l		95
88)	1,2,4-Trimethylbenzene	21.32	105	1895373	26.09	ug/l		97
89)	sec-Butylbenzene	21.45	105	2003461	25.47	ug/l		99
90)	1,3 Dichlorobenzene	21.54	146	1080535	25.36	ug/l		95
91)	4-Isopropyltoluene	21.71	119	1618491	25.71	ug/l		99
92)	1,4 Dichlorobenzene	21.63	146	1165854	24.83	ug/l		99
93)	n-Butylbenzene	22.23	91	1414864	25.47	ug/l		99
94)	1,2 Dichlorobenzene	22.08	146	1029771	25.01	ug/l		98
95)	1,2-Dibromo-3-Chloropropan	22.69	75	64833	25.94	ug/l	#	58
96)	Hexachloroethane	22.76	117	330775	25.02	ug/l		95
97)	1,3,5-Trichlorobenzene	23.79	180	585132	25.11	ug/l		98
98)	1,2,4-Trichlorobenzene	24.53	180	506900	24.36	ug/l		98
99)	Hexachlorobutadiene	24.98	225	224694	25.13	ug/l		99
100)	Naphthalene	24.89	128	886240	23.58	ug/l		100
101)	1,2,3-Trichlorobenzene	25.19	180	392003	24.05	ug/l		98

(#) = qualifier out of range (m) = manual integration

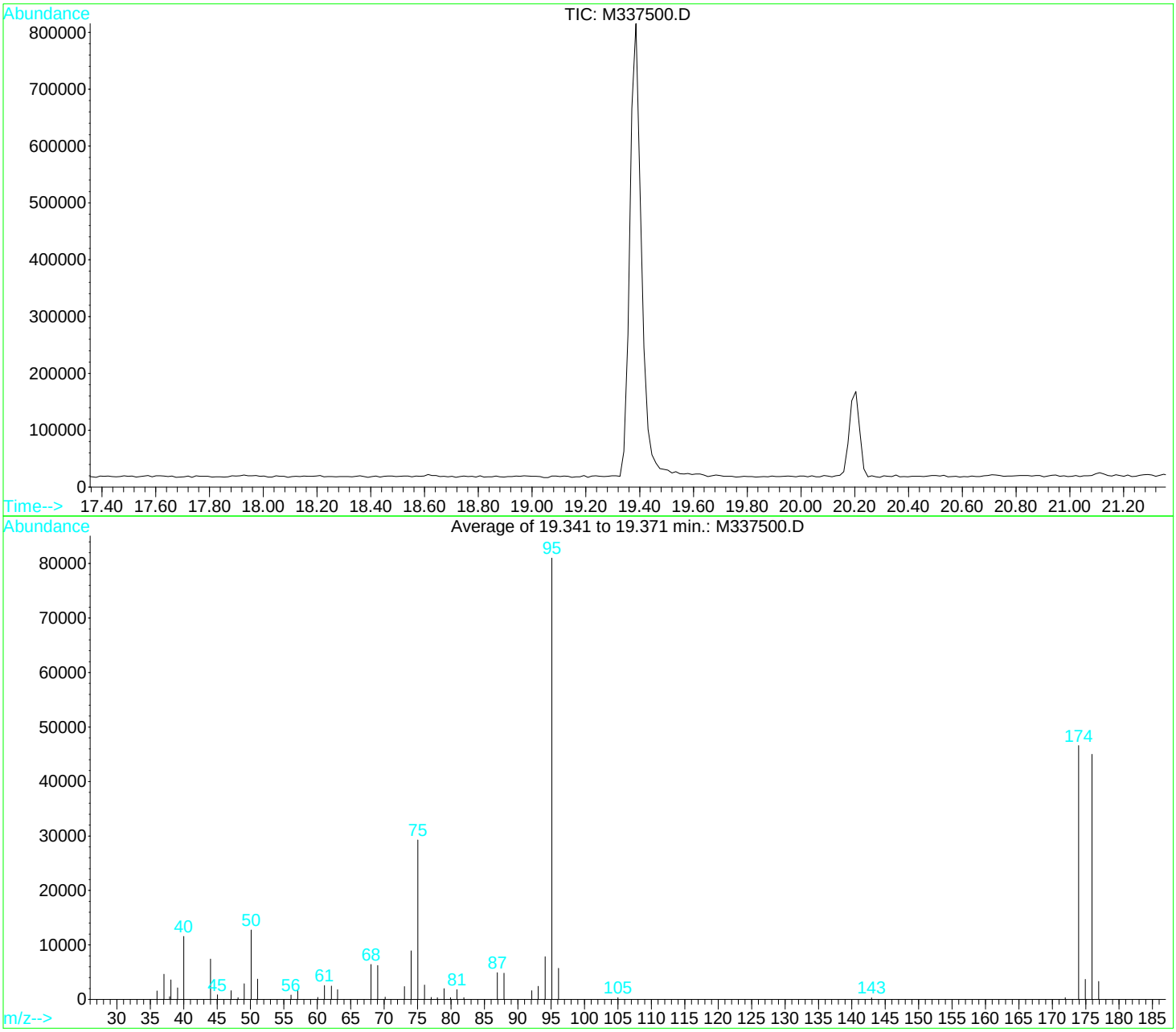
Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration



Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337500.D Vial: 1
Acq On : 4 Dec 2009 8:13 am Operator: MD
Sample : BSL0039-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010



Spectrum Information: Average of 19.341 to 19.371 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.7	12733	PASS
75	95	30	60	36.1	29252	PASS
95	95	100	100	100.0	81015	PASS
96	95	5	9	7.1	5712	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	57.5	46591	PASS
175	174	5	9	7.9	3672	PASS
176	174	95	101	96.6	44985	PASS
177	176	5	9	7.3	3293	PASS

Data File Name M337501.D
Operator MD
Date Acquired 4 Dec 2009 8:45 am
Sample Name BSL0039-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	24.68	ug/l	647555	-1.28
12)	1,1-Dichloroethene	25.33	ug/l	728984	1.32
27)	Chloroform	24.99	ug/l	1234561	-0.05
36)	1,2-Dichloropropane	25.17	ug/l	741272	0.67
45)	Toluene	25.10	ug/l	1858490	0.41
56)	Ethylbenzene	26.62	ug/l	2949275	6.46

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	23.93	ug/l	765146	0.25	0.1
17)	1,1-Dichloroethane	25.86	ug/l	1255728	0.41	0.1
54)	Chlorobenzene	25.68	ug/l	2045650	1.02	0.3
60)	Bromoform	24.35	ug/l	377749	0.19	0.1
67)	1,1,2,2-Tetrachloroethane	24.66	ug/l	673347	0.92	0.3

Internal Standards

#	Name	Amount	Units	Target Response
1)	Fluorobenzene	25.00	ug/l	3078478
43)	Chlorobenzene-d5	25.00	ug/l	2003916
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	733564

Analyst: _____

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	89	0.00
2		Dichlorodifluoromethane	25.000	24.007	4.0	87	0.00
3		Chloromethane	25.000	23.933	4.3	89	0.00
4		Vinyl Chloride	25.000	24.680	1.3	89	0.00
5		Bromomethane	25.000	22.820	8.7	81	0.00
6		Chloroethane	25.000	24.047	3.8	88	0.00
7		Trichlorofluoromethane	25.000	30.461	-21.8	110	0.00
8		Diethyl ether	25.000	25.137	-0.5	87	0.00
9		Acrolein	25.000	29.762	-19.0	120	0.00
10		Acetone	125.000	128.243	-2.6	88	0.00
11		Iodomethane	25.000	27.404	-9.6	91	0.00
12		1,1,2-Trichloro-1,2,2-trifl	25.000	24.801	0.8	89	0.00
13		Methyl Acetate	25.000	26.064	-4.3	96	0.00
14		Allyl Chloride	25.000	26.971	-7.9	93	0.00
15		Carbon Disulfide	25.000	25.666	-2.7	92	0.00
16		1,1-Dichloroethene	25.000	25.329	-1.3	91	0.00
17		Methylene Chloride	25.000	24.481	2.1	88	0.00
18		Methyl tert-Butyl Ether	25.000	24.372	2.5	84	0.00
19		Acrylonitrile	25.000	23.983	4.1	83	0.00
20		trans-1,2-Dichloroethene	25.000	25.044	-0.2	91	0.00
21		1,1-Dichloroethane	25.000	25.856	-3.4	92	0.00
22		Vinyl Acetate	25.000	22.337	10.7	78	0.00
23		Chloroprene	25.000	25.920	-3.7	90	0.00
24		2-Butanone	125.000	126.933	-1.5	85	0.00
25		Di-isopropyl ether	25.000	25.677	-2.7	90	0.00
26		Methacrylonitrile	25.000	22.497	10.0	82	0.00
27		cis-1,2 Dichloroethene	25.000	24.984	0.1	88	0.00
28		Methyl Acrylate	25.000	26.296	-5.2	85	0.00
29		Ethyl tertiary-butyl ether	25.000	25.516	-2.1	87	0.00
30		2,2-Dichloropropane	25.000	28.475	-13.9	99	0.00
31		Bromochloromethane	25.000	24.321	2.7	85	0.00
32		Tetrahydrofuran	25.000	24.886	0.5	81	0.00
33		Chloroform	25.000	24.988	0.0	90	0.00
34	S	Dibromofluoromethane(SURR)	25.000	22.436	10.3	80	0.00
35		1-Chlorobutane	25.000	25.617	-2.5	90	0.00
36		1,1,1-Trichloroethane	25.000	25.784	-3.1	92	0.00
37		1,1-Dichloropropene	25.000	25.730	-2.9	90	0.00
38		Cyclohexane	25.000	25.620	-2.5	89	0.00
39		Carbon Tetrachloride	25.000	25.515	-2.1	91	0.00
40		Benzene	25.000	25.667	-2.7	91	0.00
41	S	1,2-Dichloroethane-d4(SURR)	25.000	22.689	9.2	79	0.00
42		1,2-Dichloroethane	25.000	24.568	1.7	87	0.00
43		Tertiary-amyl methyl ether	25.000	24.310	2.8	85	0.00
44		Trichloroethene	25.000	24.615	1.5	88	0.00
45		1,2-Dichloropropane	25.000	25.167	-0.7	88	0.00
46		Dibromomethane	25.000	23.671	5.3	84	0.00
47		2-Nitropropane	25.000	23.753	5.0	84	0.00
48		Bromodichloromethane	25.000	25.025	-0.1	88	0.00
49		1,4-Dioxane	500.000	523.404	-4.7	92	0.00
50		Methyl Methacrylate	25.000	25.128	-0.5	81	0.00
51		2-Chloroethyl vinyl ether	125.000	188.269	-50.6#	134	0.00
52		Methyl Cyclohexane	25.000	26.880	-7.5	92	0.00
53		4-Methyl-2-Pentanone	125.000	124.574	0.3	80	0.00
54		cis-1,3-Dichloropropene	25.000	25.841	-3.4	89	0.00
55		trans-1,3-Dichloropropene	25.000	26.556	-6.2	89	0.00
56		1,1,2-Trichloroethane	25.000	24.670	1.3	86	0.00
57		Toluene	25.000	25.103	-0.4	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	25.000	25.000	0.0	87	0.00
59	S	Toluene-d8 (SURR)	25.000	23.937	4.3	81	0.00
60		Ethyl Methacrylate	25.000	23.690	5.2	83	0.00
61		2-Hexanone	125.000	115.927	7.3	78	0.00
62		1,3-Dichloropropane	25.000	25.724	-2.9	86	0.00
63		Tetrachloroethene	25.000	25.419	-1.7	88	0.00
64		Dibromochloromethane	25.000	25.079	-0.3	84	0.00
65		1,2-Dibromoethane	25.000	25.367	-1.5	84	0.00
66		1-Chlorohexane	25.000	26.268	-5.1	90	0.00
67		Chlorobenzene	25.000	25.679	-2.7	88	0.00
68		1,1,1,2-Tetrachloroethane	25.000	25.484	-1.9	87	0.00
69		Ethylbenzene	25.000	26.616	-6.5	89	0.00
70		Xylene P,M	50.000	52.980	-6.0	88	0.00
71		Xylene O	25.000	26.370	-5.5	89	0.00
72		Styrene	25.000	27.535	-10.1	86	0.00
73		Bromoform	25.000	24.353	2.6	81	0.00
74		cis-1,4-Dichloro-2-butene	25.000	20.132	19.5	74	0.00
75	S	Bromofluorobenzene (SURR)	25.000	23.688	5.2	81	0.00
76	I	1,4 Dichlorobenzene-D4	25.000	25.000	0.0	85	0.00
77		Trans-1,4-Dichloro-2-Butene	25.000	22.617	9.5	82	0.00
78		1,2,3-Trichloropropane	25.000	23.947	4.2	79	0.00
79		Isopropylbenzene	25.000	26.977	-7.9	89	0.00
80		Bromobenzene	25.000	26.531	-6.1	86	0.00
81		1,1,2,2-Tetrachloroethane	25.000	24.660	1.4	83	0.00
82		n-Propylbenzene	25.000	27.040	-8.2	88	0.00
83		2-Chlorotoluene	25.000	26.052	-4.2	88	0.00
84		4-Chlorotoluene	25.000	26.122	-4.5	87	0.00
85		1,3,5-Trimethylbenzene	25.000	26.920	-7.7	88	0.00
86		Pentachloroethane	25.000	25.209	-0.8	84	0.00
87		tert-Butylbenzene	25.000	26.393	-5.6	86	0.00
88		1,2,4-Trimethylbenzene	25.000	26.430	-5.7	87	0.00
89		sec-Butylbenzene	25.000	26.561	-6.2	87	0.00
90		1,3 Dichlorobenzene	25.000	25.648	-2.6	86	0.00
91		4-Isopropyltoluene	25.000	26.684	-6.7	89	0.00
92		1,4 Dichlorobenzene	25.000	24.344	2.6	84	0.00
93		n-Butylbenzene	25.000	27.429	-9.7	88	0.00
94		1,2 Dichlorobenzene	25.000	25.154	-0.6	84	0.00
95		1,2-Dibromo-3-Chloropropane	25.000	25.187	-0.7	77	0.00
96		Hexachloroethane	25.000	26.240	-5.0	88	0.00
97		1,3,5-Trichlorobenzene	25.000	25.370	-1.5	84	0.00
98		1,2,4-Trichlorobenzene	25.000	24.049	3.8	78	0.00
99		Hexachlorobutadiene	25.000	25.284	-1.1	87	0.00
100		Naphthalene	25.000	22.223	11.1	70	0.00
101		1,2,3-Trichlorobenzene	25.000	22.543	9.8	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	3078478	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	2003916	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	733564	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	853255	22.44	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.76%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	472964	22.69	ug/l	0.00
Spiked Amount 25.000			Recovery = 90.76%			
59) Toluene-d8 (SURR)	14.81	98	2472940	23.94	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.76%			
75) Bromofluorobenzene (SURR)	19.38	95	839972	23.69	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.66	85	632680	24.01	ug/l	100
3) Chloromethane	3.94	50	765146	23.93	ug/l	99
4) Vinyl Chloride	4.24	62	647555	24.68	ug/l	99
5) Bromomethane	4.88	94	417364	22.82	ug/l	97
6) Chloroethane	5.12	64	353853	24.05	ug/l	99
7) Trichlorofluoromethane	6.01	101	1075895	30.46	ug/l	99
8) Diethyl ether	6.44	59	433202	25.14	ug/l	93
9) Acrolein	6.02	56	69080	29.76	ug/l	95
10) Acetone	6.25	58	162519	128.24	ug/l	100
11) Iodomethane	6.90	142	1077674	27.40	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.20	101	678942	24.80	ug/l	97
13) Methyl Acetate	7.24	43	387284	26.06	ug/l	97
14) Allyl Chloride	7.26	41	1286869	26.97	ug/l	91
15) Carbon Disulfide	7.41	76	2565733	25.67	ug/l	100
16) 1,1-Dichloroethene	6.86	96	728984	25.33	ug/l	95
17) Methylene Chloride	7.11	84	880607	24.48	ug/l	97
18) Methyl tert-Butyl Ether	8.36	73	1030021	24.37	ug/l	99
19) Acrylonitrile	7.01	53	153931	23.98	ug/l	94
20) trans-1,2-Dichloroethene	8.17	96	800384	25.04	ug/l	90
21) 1,1-Dichloroethane	8.54	63	1255728	25.86	ug/l	98
22) Vinyl Acetate	8.81	43	1036570	22.34	ug/l	100
23) Chloroprene	9.12	53	848565	25.92	ug/l	97
24) 2-Butanone	9.27	72	185274	126.93	ug/l #	15
25) Di-isopropyl ether	9.28	45	2596394	25.68	ug/l	98
26) Methacrylonitrile	9.40	41	292008	22.50	ug/l	96
27) cis-1,2 Dichloroethene	9.44	96	930858	24.98	ug/l	93
28) Methyl Acrylate	9.89	55	431263	26.30	ug/l	98
29) Ethyl tertiary-butyl ether	9.89	59	1565536	25.52	ug/l	99
30) 2,2-Dichloropropane	9.88	77	744383	28.47	ug/l	97
31) Bromochloromethane	9.68	128	414060	24.32	ug/l	95
32) Tetrahydrofuran	10.31	42	119212	24.89	ug/l	100
33) Chloroform	9.76	83	1234561	24.99	ug/l	98
35) 1-Chlorobutane	10.92	56	1129860	25.62	ug/l	97
36) 1,1,1-Trichloroethane	10.92	97	903370	25.78	ug/l	99
37) 1,1-Dichloropropene	11.21	75	860822	25.73	ug/l	97
38) Cyclohexane	11.35	56	812140	25.62	ug/l	98
39) Carbon Tetrachloride	11.48	117	763892	25.52	ug/l	99
40) Benzene	11.56	78	2941422	25.67	ug/l	100
42) 1,2-Dichloroethane	10.77	62	595159	24.57	ug/l	99
43) Tertiary-amyl methyl ether	11.84	73	1163014	24.31	ug/l	98
44) Trichloroethene	12.57	95	789701	24.61	ug/l	99
45) 1,2-Dichloropropane	12.49	63	741272	25.17	ug/l	98
46) Dibromomethane	12.43	93	480176	23.67	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

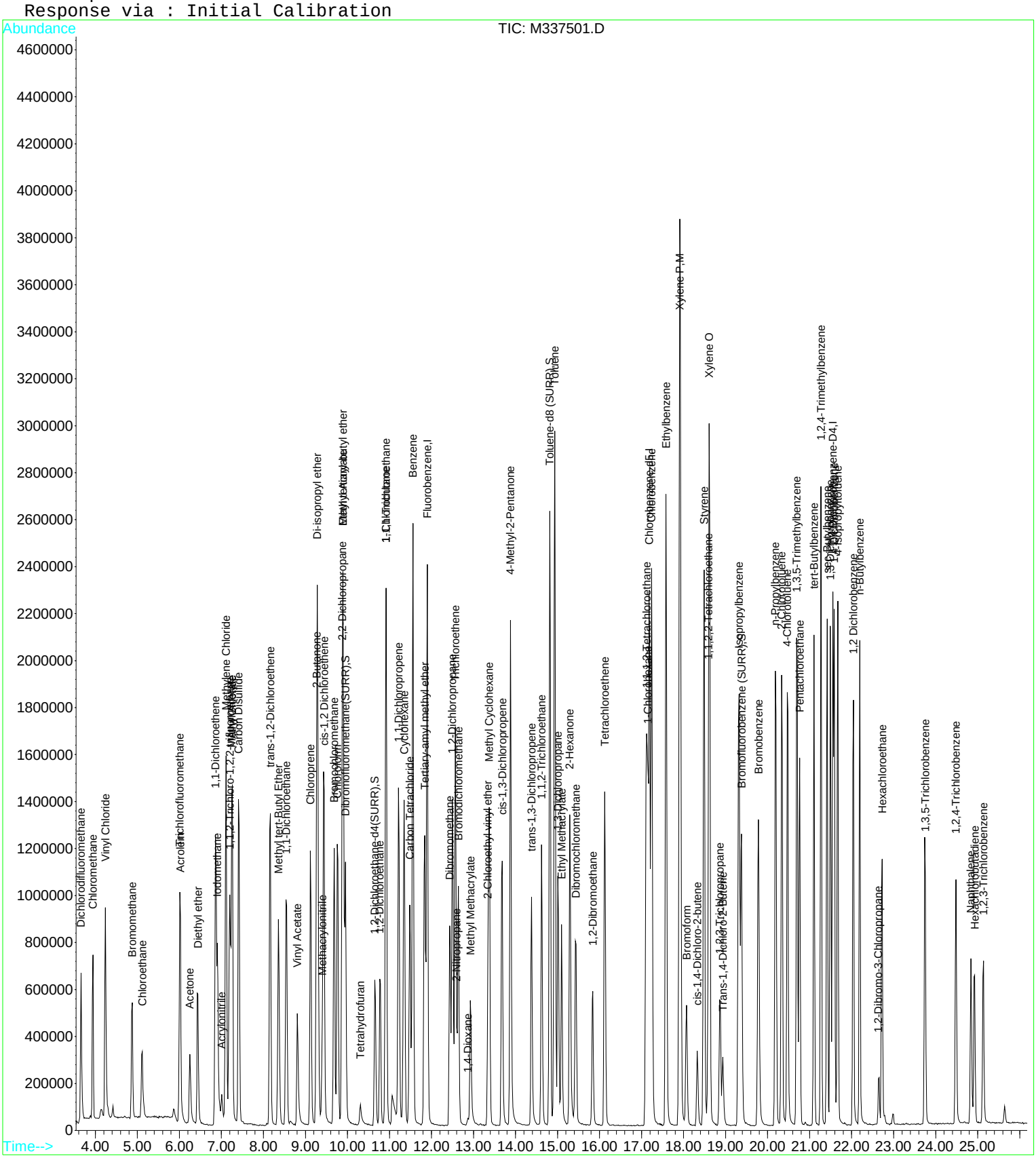
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.60	43	87013	23.75	ug/l	98
48)	Bromodichloromethane	12.64	83	863336	25.02	ug/l	98
49)	1,4-Dioxane	12.87	88	47926	523.40	ug/l	97
50)	Methyl Methacrylate	12.93	41	420028	25.13	ug/l	99
51)	2-Chloroethyl vinyl ether	13.34	63	325331	188.27	ug/l	98
52)	Methyl Cyclohexane	13.37	83	671416	26.88	ug/l	97
53)	4-Methyl-2-Pentanone	13.88	58	793754	124.57	ug/l	98
54)	cis-1,3-Dichloropropene	13.68	75	943734	25.84	ug/l	93
55)	trans-1,3-Dichloropropene	14.38	75	713757	26.56	ug/l	99
56)	1,1,2-Trichloroethane	14.62	83	503608	24.67	ug/l	94
57)	Toluene	14.93	92	1858490	25.10	ug/l	99
60)	Ethyl Methacrylate	15.10	69	557353	23.69	ug/l	99
61)	2-Hexanone	15.29	43	1500506	115.93	ug/l	99
62)	1,3-Dichloropropane	15.01	76	897233	25.72	ug/l	99
63)	Tetrachloroethene	16.12	164	474779	25.42	ug/l	98
64)	Dibromochloromethane	15.44	129	667406	25.08	ug/l	99
65)	1,2-Dibromoethane	15.84	107	629052	25.37	ug/l	99
66)	1-Chlorohexane	17.15	91	668936	26.27	ug/l	98
67)	Chlorobenzene	17.24	112	2045650	25.68	ug/l	97
68)	1,1,1,2-Tetrachloroethane	17.12	131	598785	25.48	ug/l	98
69)	Ethylbenzene	17.58	91	2949275	26.62	ug/l	98
70)	Xylene P,M	17.91	106	2308192	52.98	ug/l	97
71)	Xylene O	18.61	106	1162789	26.37	ug/l	100
72)	Styrene	18.49	104	1975161	27.54	ug/l	97
73)	Bromoform	18.07	173	377749	24.35	ug/l	97
74)	cis-1,4-Dichloro-2-butene	18.32	75	121760	20.13	ug/l	94
77)	Trans-1,4-Dichloro-2-Buten	18.93	53	97345	22.62	ug/l	88
78)	1,2,3-Trichloropropane	18.86	75	395873	23.95	ug/l	98
79)	Isopropylbenzene	19.32	105	2318215	26.98	ug/l	98
80)	Bromobenzene	19.78	156	716353	26.53	ug/l	93
81)	1,1,2,2-Tetrachloroethane	18.59	83	673347	24.66	ug/l	98
82)	n-Propylbenzene	20.18	91	2573084	27.04	ug/l	100
83)	2-Chlorotoluene	20.33	91	1760961	26.05	ug/l	99
84)	4-Chlorotoluene	20.47	91	1830891	26.12	ug/l	100
85)	1,3,5-Trimethylbenzene	20.69	105	1791460	26.92	ug/l	97
86)	Pentachloroethane	20.76	119	430204	25.21	ug/l	100
87)	tert-Butylbenzene	21.11	119	1290395	26.39	ug/l	99
88)	1,2,4-Trimethylbenzene	21.27	105	1891238	26.43	ug/l	100
89)	sec-Butylbenzene	21.42	105	2058023	26.56	ug/l	98
90)	1,3 Dichlorobenzene	21.49	146	1076701	25.65	ug/l	99
91)	4-Isopropyltoluene	21.67	119	1654601	26.68	ug/l	99
92)	1,4 Dichlorobenzene	21.58	146	1125788	24.34	ug/l	93
93)	n-Butylbenzene	22.19	91	1500744	27.43	ug/l	98
94)	1,2 Dichlorobenzene	22.04	146	1020215	25.15	ug/l	99
95)	1,2-Dibromo-3-Chloropropan	22.64	75	62003	25.19	ug/l	92
96)	Hexachloroethane	22.73	117	341732	26.24	ug/l	95
97)	1,3,5-Trichlorobenzene	23.75	180	582333	25.37	ug/l	99
98)	1,2,4-Trichlorobenzene	24.48	180	492889	24.05	ug/l	99
99)	Hexachlorobutadiene	24.93	225	222684	25.28	ug/l	98
100)	Naphthalene	24.84	128	822633	22.22	ug/l	100
101)	1,2,3-Trichlorobenzene	25.14	180	361982	22.54	ug/l	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration



ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
11/6/09	12	M3 37 144	091102 -04	0X101509	pH2	
	13	M3 45	-05		pH2	
	14	M3 46	-06		pH2	
	15	M3 47	-07		pH2	
	16	M3 48	-08		pH2	
	17	M3 49	-10		pH2	
	18	M3 50	-11		pH2	
	19	M3 51	-12		pH2	
11/6/09	20	M3 52	-13	0X101509	pH2	
11/9/09	1	M3 53	BSK0051 - TUNI	AR101609	9K09042	
	2	M3 54	BSK0051 - CAL1		9K09043	
	3	M3 55	BSK0051 - CAL2		9K09044	
	4	M3 56	BSK0051 - CAL3		9K09045	
	5	M3 57	BSK0051 - CAL4		9K09046	
	6	M3 58	BSK0051 - CAL5		9K09047	
	7	M3 59	BSK0051 - CAL6		9K09048	
11/9/09	8	M3 60	BSK0051 - CAL7	AR101609	9K09049	

Run Sequence Confirmation

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Surrogate: 95 3000

On-column IS: 95 3000

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
11/9/09	9	M3 37161	Test BLK	AG101609		~
〃	10	M3 62	Test BLK	AG101609		〃
11/9/09	11	M3 63	BSK0051-SLV1	AG110909	9K09050	~
		M3				
		M3				
		M3				
		M3				
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		M3				
		M3				
		M3				
		M3				

Run Sequence Confirmation

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Surrogate: 9530009

On-column IS: 9530006

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/2/09	12	M3 37465	0911302-04	AG110909	pHCl	
	13	M3 66	-05		pHCl	
	14	M3 67	-06		pHCl	
	15	M3 68	-08		pHCl	
	16	M3 69	-09		pHCl	
	17	M3 70	-10		pHCl	
	18	M3 71	-11		pHCl	
	19	M3 72	-12		pHCl	
	20	M3 73	-13		pHCl	
	21	M3 74	0911308-01		pHCl	
	22	M3 75	BL90203- MS1		9K24058 20µl/100µl pHCl 0911302-10	
12/2/09	23	M3 76	BL90203- MSD1	AG110909	9K24058 20µl/100µl pHCl 0911302-10	
12/3/09	1	M3 77	BSL0027- TUM		9L03046	
	2	M3 78	BSL0027- CCM		9L03047	
	3	M3 79	BL90309- BS1		9K24058 20µl/150µl	
	4	M3 80	BL90309- BSD1		9K24058 20µl/150µl	
12/3/09	6	M3 81	TestBlk	AG110909		

Run Sequence Confirmation

Surrogate: 9S3004 9L03048

On-column IS: 9S3006 Stds 12/3/09 9L03046

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/3/09	6	M3 37482	TestBlk	AQ110909		mm
	7	M3 83	BL90309 - BLK1			
	8	M3 84	mm 12/3/09 0911321-12		pH2	
	9	M3 85	-01		pH2	
	10	M3 86	-02		pH2	
	11	M3 87	-03		pH2	
	12	M3 88	-04		pH2	
	13	M3 89	-05		pH2	
	14	M3 90	-06		pH2	
	15	M3 91	-09		pH2	
	16	M3 92	-10		pH2	
	17	M3 93	-11		pH2	
	18	M3 94	0912038-03		pH2	
	19	M3 95	-04		pH2	
	20	M3 96	-01		pH2	
	21	M3 97	-02		pH2	
12/3/09	22	M3 98	BL90309 - MS1	AQ110909	9L24058 40µl/10ml pH2 0911321-06	mm

Run Sequence Confirmation

Surrogate: 9L03038

On-column IS: 9L03070

Page

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/3/09	23	M3 37499	BL90309 - MSD1	AR 110909	9K24058 4µl/1ml pHT2 091137I-08	
12/4/09	1	M3 37500	BSLC039 - TUN1		9L04037	
	2	M3 01	BSLC039 - CAL1		9L04038	
	3	M3 02	BL90410 - BS1		9K24058 20µl/15ml	
	4	M3 03	BL90410 - BSD1		9K24058 20µl/15ml	
	5	M3 04	TestBlk			
	6	M3 05	TestBlk			
	7	M3 06	BL90410 - BLK1			
	8	M3 07	091137I-09RE1		10X pHer	
	9	M3 08	-05RE1		20X pHer	
	10	M3 09	-10RE1		20X pHT2	
	11	M3 10	091203S-1L			
	12	M3 11	-06			
	13	M3 12	-06			
	14	M3 13	-07			
	15	M3 14	-08			
12/4/09	16	M3 15	-09	AR 110909		

Run Sequence Confirmation

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Surrogate: 9L03038

On-column IS: 9L03040

Page

VOA
Logbooks

HOLDING TIME SUMMARY
8260B

Laboratory: ESS Laboratory SDG: 0911321

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
GWMW235S	11/30/09 09:55	11/30/09 16:30	12/03/09 08:00	2.92	14.00	12/03/09 12:38	3.11	14.00	
GWMW235D	11/30/09 10:05	11/30/09 16:30	12/03/09 08:00	2.91	14.00	12/03/09 13:10	3.13	14.00	
GWMW236D	11/30/09 11:20	11/30/09 16:30	12/03/09 08:00	2.86	14.00	12/03/09 13:42	3.10	14.00	
GWMW236S	11/30/09 11:35	11/30/09 16:30	12/03/09 08:00	2.85	14.00	12/03/09 14:14	3.11	14.00	
GWMW236S	11/30/09 11:35	11/30/09 16:30	12/04/09 08:00	3.85	14.00	12/04/09 12:27	4.04	14.00	
GWMW237S	11/30/09 12:45	11/30/09 16:30	12/03/09 08:00	2.80	14.00	12/03/09 14:46	3.08	14.00	
GWMW237S Dup	11/30/09 12:45	11/30/09 16:30	12/03/09 08:00	2.80	14.00	12/03/09 15:18	3.11	14.00	
GWMW237D	11/30/09 12:55	11/30/09 16:30	12/03/09 08:00	2.80	14.00	12/03/09 15:50	3.12	14.00	
GWMW237D	11/30/09 12:55	11/30/09 16:30	12/04/09 08:00	3.80	14.00	12/04/09 11:55	3.96	14.00	
GWMW234S	11/30/09 15:05	11/30/09 16:30	12/03/09 08:00	2.70	14.00	12/03/09 16:22	3.05	14.00	
GWMW234S	11/30/09 15:05	11/30/09 16:30	12/04/09 08:00	3.70	14.00	12/04/09 12:59	3.91	14.00	
GWMW234I	11/30/09 15:40	11/30/09 16:30	12/03/09 08:00	2.68	14.00	12/03/09 16:54	3.05	14.00	
Trip Blank	11/30/09 00:00	11/30/09 16:30	12/03/09 08:00	3.33	14.00	12/03/09 12:06	3.50	14.00	

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: Client

ESS Project ID: 09110321
Date Project Due: 12/7/09
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **0.8**		16. Are ESS labels on correct containers?	Yes | No
Iced With: **Icepacks**		17. Were samples received intact?	Yes | No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL
2	Yes	40 ml - VOA	3	HCL
3	Yes	40 ml - VOA	3	HCL
4	Yes	40 ml - VOA	3	HCL
5	Yes	40 ml - VOA	9	HCL
6	Yes	40 ml - VOA	3	HCL
7	Yes	40 ml - VOA	3	HCL
8	Yes	40 ml - VOA	3	HCL
9	Yes	40 ml - VOA	3	HCL
10	Yes	40 ml - VOA	3	HCL
11	Yes	40 ml - VOA	3	HCL
12	Yes	40 ml - VOA	2	HCL

Completed By: _____ Date/Time: 11/30/09
Reviewed By: _____ Date/Time: 12/3/09

09110321-7
Preservative: HCL
0100000000345100

09110321-7
Preservative: HCL
0100000000345102

09110321-8
Preservative: HCL
0100000000345104

09110321-7
Preservative: HCL
0100000000345101

09110321-8
Preservative: HCL
0100000000345103

09110321-8
Preservative: HCL
0100000000345105

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: ✓ Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RI GW-A
ESS LAB PROJECT ID: 091321
Electronic Deliverable: ✓ Yes ___ No
Format: Excel ✓ Access ___ PDF ___ Other EDD

Co. Name	Project #	Project Name (20 Char. or less)
MACTEC Engineering & Consulting	3650050041	Textron - Gorham

Contact Person	Address
Dave Heislein (PM)	107 Audubon Rd Bld 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeislein@macteclcom

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis
01	11/30/09	09:55		X	GW	GWMW235S	2	3	✓	X
02	11/30/09	10:05				GWMW235D	2	3	✓	Y
03	11/30/09	11:20				GWMW236D	2	3	✓	X
04	11/30/09	11:35				GWMW236S	2	3	✓	X
05	11/30/09	12:45				GWMW237S	2	3	✓	X
06	11/30/09	12:45				GWMW237S DUP	2	3	✓	X
~~07~~ LAS 11/30/09	11/30/09	12:45				GWMW237SMS	2	3	✓	X
~~08~~ 11/30/09	11/30/09	12:45				GWMW237SMSD	2	3	✓	Y
~~09~~ 09	11/30/09	12:55				GWMW237D	2	3	✓	X
10 10	11/30/09	15:05		✓	✓	GWMW234S	2	3	✓	✓

Circle and/or Write Required Analysis: 524.2 / 624 / (8260) VOA; VPH w/targets / 8015 GRO / 8021 MTBE/BTEX; 8015 DRO / 8100 TPH; EPH 4 Diesel / EPH w/PAHs / EPH w/o PAHs; 608 PCB / 608 Pesticides / 8082 PCB / 8081 Pesticides; PAH 8270 / 625 / 8270 SVOA; PP13 TAL23 / RCRA8 / RCRA5; NBC7 / TCLP-RCRA8; MCP-METALS (13) w/Hg / MCP-METALS (13)

Container Type: P-Poly G-Glass S-Sterile V-VOA
Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No
Seals Intact ___ Yes ___ No NA: ___
Cooler Temp: 0.8

Internal Use Only
[ ] Pickup
[ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggione / Phil Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/30/09 1630		11/30/09 1630				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other ____

Is this project for any of the following:
MA-MCP Navy USACE Other ____

Reporting Limits: RIGWA

ESS LAB PROJECT ID: 091132l

Electronic Deliverable: ✓ Yes ___ No
Format: Excel ✓ Access ___ PDF ___ Other EDD

Co. Name	Project #	Project Name (20 Char. or less)
MACTEC Engineering + Consulting	365003.0041	Textron - Gorham

Contact Person	Address
Dave Heisler (PM)	107 Audubon Rd. Bldg 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeisler@mactec.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis: 524.2 / 624 (8260) / 8021 MTBE/BTEX / VPH w/targets / 8015 GRO / 8100 TPH / 8015 DRO / EPH w/PAHs / EPH w/o PAHs / EPH 4 Diesel / 8082 PCB / 608 Pesticides / 608 PCB / 8081 Pesticides / 8270 SVOA / 625 / PAH 8270 / RCRA5 / RCRA8 / PP13 / TAL23 / TCLP-RCRA8 / NBC7 / MCP-METALS (13) / MCP-METALS (13) w/Hg
11	11/30/09	15:40		X	GW	GWMW 234I	2	3	✓	X
12	11/30/09	16:00		X	GW	Trip blank	2	2	✓	X

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No Internal Use Only
Seals Intact ___ Yes ___ No NA: ___ [ ] Pickup
Cooler Temp: 0.8 [ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore / PM / ~~Muller~~ Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11.30.09 1630	[signature]	11/30/09 1630				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

CERTIFICATE OF ANALYSIS

CHECKED FOR COMPLETENESS OF PARAMETERS ORDERED BY:

David Heislein
MACTEC Engineering & Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

RE: Textron Gorham (3650050041)
ESS Laboratory Work Order Number: 0912038

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Digitally signed by Melissa Pagliarini
Date: 2009.12.22 13:20:37 -05'00'

Laurel Stoddard
Laboratory Director

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

SAMPLE RECEIPT

The following samples were received on December 02, 2009 for the analyses specified on the enclosed Chain of Custody Record.

Revision 1 December 17,2009: This project has been Revised to include J-Flag Results for Volatile Organics.

Lab Number	SampleName	Matrix	Analysis
0912038-01	GWMW231S	Ground Water	8260B
0912038-02	GWMW231D	Ground Water	8260B
0912038-03	GWMW232S	Ground Water	8260B
0912038-04	GWMW232D	Ground Water	8260B
0912038-05	GWMW233	Ground Water	8260B
0912038-06	GWMW230D	Ground Water	8260B
0912038-07	GWMW234D	Ground Water	8260B
0912038-08	GWMW230S	Ground Water	8260B
0912038-09	PWPDB0S	Ground Water	8260B
0912038-10	PWPDB01	Ground Water	8260B
0912038-11	PWPDB02	Ground Water	8260B
0912038-12	PWPDB03	Ground Water	8260B
0912038-13	PWPDB04	Ground Water	8260B
0912038-14	PWPDB06	Ground Water	8260B
0912038-15	PWPDBTRIP	Aqueous	8260B
0912038-16	TRIP	Aqueous	8260B

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

PROJECT NARRATIVE

8260B Volatile Organic Compounds

BL90309-BS1	**Blank Spike recovery is above upper control limit (B+).**
	Acetone (134% @ 70-130%)
BL90815-BSD1	**Relative percent difference for duplicate is outside of criteria (D+).**
	Acetone (26%)
BSL0054-CCV1	**Continuing Calibration recovery is below lower control limit (C-).**
	1,4-Dioxane - Screen (47% @ 70-130%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW231S
Date Sampled: 12/01/09 09:47
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 18:30	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 18:30	BSL0027	BL90309
1,1-Dichloroethane	**0.0014** (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
1,1-Dichloroethene	**0.0026** (0.0010)	0.0003	0.007	1	12/03/09 18:30	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 18:30	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 18:30	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 18:30	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 18:30	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 18:30	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 18:30	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 18:30	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 18:30	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 18:30	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 18:30	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 18:30	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 18:30	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 18:30	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 18:30	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 18:30	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 18:30	BSL0027	BL90309
Benzene	**J 0.0003** (0.0010)	0.0001	0.005	1	12/03/09 18:30	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 18:30	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW231S
Date Sampled: 12/01/09 09:47
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 18:30	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 18:30	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 18:30	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 18:30	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0342** (0.0010)	0.0002	0.07	1	12/03/09 18:30	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 18:30	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 18:30	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 18:30	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
Ethylbenzene	**J 0.0002** (0.0010)	0.0001	0.7	1	12/03/09 18:30	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Isopropylbenzene	**J 0.0006** (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 18:30	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 18:30	BSL0027	BL90309
Naphthalene	**J 0.0004** (0.0010)	0.0002	0.02	1	12/03/09 18:30	BSL0027	BL90309
n-Butylbenzene	**J 0.0003** (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
sec-Butylbenzene	**J 0.0004** (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 18:30	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 18:30	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Tetrachloroethene	**0.0104** (0.0010)	0.0002	0.005	1	12/03/09 18:30	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 18:30	BSL0027	BL90309
Toluene	**J 0.0002** (0.0010)	0.0001	1	1	12/03/09 18:30	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW231S
Date Sampled: 12/01/09 09:47
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0004** (0.0010)	0.0003	0.1	1	12/03/09 18:30	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 18:30	BSL0027	BL90309
Trichloroethene	**0.0293** (0.0010)	0.0002	0.005	1	12/03/09 18:30	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 18:30	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 18:30	BSL0027	BL90309
Vinyl Chloride	**0.0203** (0.0010)	0.0002	0.002	1	12/03/09 18:30	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 18:30	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 18:30	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 18:30		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 18:30		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*95 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*96 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*94 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW231D
Date Sampled: 12/01/09 10:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/03/09 19:02	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 19:02	BSL0027	BL90309
1,1-Dichloroethane	**0.0024** (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
1,1-Dichloroethene	**0.0014** (0.0010)	0.0003	0.007	1	12/03/09 19:02	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 19:02	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 19:02	BSL0027	BL90309
1,2,4-Trimethylbenzene	**J 0.0002** (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 19:02	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 19:02	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 19:02	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 19:02	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 19:02	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 19:02	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 19:02	BSL0027	BL90309
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/03/09 19:02	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 19:02	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 19:02	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 19:02	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 19:02	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 19:02	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 19:02	BSL0027	BL90309
Benzene	**J 0.0004** (0.0010)	0.0001	0.005	1	12/03/09 19:02	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 19:02	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW231D
Date Sampled: 12/01/09 10:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 19:02	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 19:02	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 19:02	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 19:02	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0987** (0.0100)	0.0020	0.07	10	12/08/09 13:35	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 19:02	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 19:02	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 19:02	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
Ethylbenzene	**J 0.0003** (0.0010)	0.0001	0.7	1	12/03/09 19:02	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Isopropylbenzene	**J 0.0006** (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 19:02	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 19:02	BSL0027	BL90309
Naphthalene	**J 0.0003** (0.0010)	0.0002	0.02	1	12/03/09 19:02	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
sec-Butylbenzene	**J 0.0004** (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 19:02	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 19:02	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/03/09 19:02	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 19:02	BSL0027	BL90309
Toluene	**J 0.0004** (0.0010)	0.0001	1	1	12/03/09 19:02	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW231D
Date Sampled: 12/01/09 10:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**0.0024** (0.0010)	0.0003	0.1	1	12/03/09 19:02	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 19:02	BSL0027	BL90309
Trichloroethene	**0.0452** (0.0010)	0.0002	0.005	1	12/03/09 19:02	BSL0027	BL90309
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/03/09 19:02	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 19:02	BSL0027	BL90309
Vinyl Chloride	**0.0039** (0.0010)	0.0002	0.002	1	12/03/09 19:02	BSL0027	BL90309
Xylene O	**J 0.0002** (0.0010)	0.0001	10	1	12/03/09 19:02	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 19:02	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 19:02		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 19:02		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*94 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*96 %*		*70-130*
Surrogate: Dibromofluoromethane	*89 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW232S
Date Sampled: 12/01/09 11:10
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
1,1,1-Trichloroethane	**0.189** (0.0200)	0.0040	0.2	20	12/08/09 15:42	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
1,1,2-Trichloroethane	**J 0.0003** (0.0010)	0.0002	0.005	1	12/03/09 17:26	BSL0027	BL90309
1,1-Dichloroethane	**0.0952** (0.0200)	0.0040		20	12/08/09 15:42	BSL0027	BL90309
1,1-Dichloroethene	**0.0964** (0.0010)	0.0003	0.007	1	12/03/09 17:26	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 17:26	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 17:26	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 17:26	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 17:26	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 17:26	BSL0027	BL90309
1,2-Dichloroethane	**J 0.0002** (0.0010)	0.0002	0.005	1	12/03/09 17:26	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 17:26	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 17:26	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 17:26	BSL0027	BL90309
1,4-Dioxane - Screen	**J 0.352** (0.500)	0.190		1	12/03/09 17:26	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 17:26	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 17:26	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 17:26	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 17:26	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 17:26	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 17:26	BSL0027	BL90309
Benzene	**J 0.0001** (0.0010)	0.0001	0.005	1	12/03/09 17:26	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 17:26	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW232S
Date Sampled: 12/01/09 11:10
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 17:26	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 17:26	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 17:26	BSL0027	BL90309
Chloroethane	**J 0.0006** (0.0020)	0.0004		1	12/03/09 17:26	BSL0027	BL90309
Chloroform	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.118** (0.0200)	0.0040	0.07	20	12/08/09 15:42	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 17:26	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 17:26	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 17:26	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 17:26	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 17:26	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 17:26	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 17:26	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 17:26	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:26	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Tetrachloroethene	**0.0228** (0.0010)	0.0002	0.005	1	12/03/09 17:26	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 17:26	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 17:26	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW232S
Date Sampled: 12/01/09 11:10
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-03
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**0.0680** (0.0010)	0.0003	0.1	1	12/03/09 17:26	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 17:26	BSL0027	BL90309
Trichloroethene	**1.00** (0.0200)	0.0040	0.005	20	12/08/09 15:42	BSL0027	BL90309
Trichlorofluoromethane	**0.0019** (0.0010)	0.0004		1	12/03/09 17:26	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 17:26	BSL0027	BL90309
Vinyl Chloride	**0.0023** (0.0010)	0.0002	0.002	1	12/03/09 17:26	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 17:26	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 17:26	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 17:26		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 17:26		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*96 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*91 %*		*70-130*
Surrogate: Toluene-d8	*97 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW232D
Date Sampled: 12/01/09 11:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
1,1,1-Trichloroethane	**0.333** (0.0100)	0.0020	0.2	10	12/08/09 14:39	BSL0027	BL90309
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
1,1,2-Trichloroethane	**0.0015** (0.0010)	0.0002	0.005	1	12/03/09 17:57	BSL0027	BL90309
1,1-Dichloroethane	**0.0317** (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
1,1-Dichloroethene	**0.0485** (0.0010)	0.0003	0.007	1	12/03/09 17:57	BSL0027	BL90309
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/03/09 17:57	BSL0027	BL90309
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/03/09 17:57	BSL0027	BL90309
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/03/09 17:57	BSL0027	BL90309
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/03/09 17:57	BSL0027	BL90309
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/03/09 17:57	BSL0027	BL90309
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/03/09 17:57	BSL0027	BL90309
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/03/09 17:57	BSL0027	BL90309
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/03/09 17:57	BSL0027	BL90309
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/03/09 17:57	BSL0027	BL90309
1,4-Dioxane - Screen	**J 0.219** (0.500)	0.190		1	12/03/09 17:57	BSL0027	BL90309
1-Chlorohexane	ND (0.0010)	0.0004		1	12/03/09 17:57	BSL0027	BL90309
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/03/09 17:57	BSL0027	BL90309
2-Butanone	ND (0.0250)	0.0058		1	12/03/09 17:57	BSL0027	BL90309
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
2-Hexanone	ND (0.0100)	0.0015		1	12/03/09 17:57	BSL0027	BL90309
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/03/09 17:57	BSL0027	BL90309
Acetone	ND (0.0250)	0.0050		1	12/03/09 17:57	BSL0027	BL90309
Benzene	ND (0.0010)	0.0001	0.005	1	12/03/09 17:57	BSL0027	BL90309
Bromobenzene	ND (0.0020)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Bromochloromethane	ND (0.0010)	0.0003		1	12/03/09 17:57	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW232D
Date Sampled: 12/01/09 11:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
Bromoform	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Bromomethane	ND (0.0020)	0.0004		1	12/03/09 17:57	BSL0027	BL90309
Carbon Disulfide	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/03/09 17:57	BSL0027	BL90309
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/03/09 17:57	BSL0027	BL90309
Chloroethane	ND (0.0020)	0.0004		1	12/03/09 17:57	BSL0027	BL90309
Chloroform	**J 0.0008** (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
Chloromethane	ND (0.0020)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
cis-1,2-Dichloroethene	**0.0644** (0.0010)	0.0002	0.07	1	12/03/09 17:57	BSL0027	BL90309
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Dibromochloromethane	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Dibromomethane	ND (0.0010)	0.0003		1	12/03/09 17:57	BSL0027	BL90309
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/03/09 17:57	BSL0027	BL90309
Diethyl Ether	ND (0.0010)	0.0003		1	12/03/09 17:57	BSL0027	BL90309
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/03/09 17:57	BSL0027	BL90309
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Hexachloroethane	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Isopropylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/03/09 17:57	BSL0027	BL90309
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/03/09 17:57	BSL0027	BL90309
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/03/09 17:57	BSL0027	BL90309
n-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
n-Propylbenzene	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
Styrene	ND (0.0010)	0.0001	0.1	1	12/03/09 17:57	BSL0027	BL90309
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/03/09 17:57	BSL0027	BL90309
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Tetrachloroethene	**J 0.0008** (0.0010)	0.0002	0.005	1	12/03/09 17:57	BSL0027	BL90309
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/03/09 17:57	BSL0027	BL90309
Toluene	ND (0.0010)	0.0001	1	1	12/03/09 17:57	BSL0027	BL90309

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW232D
Date Sampled: 12/01/09 11:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-04
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**0.0034** (0.0010)	0.0003	0.1	1	12/03/09 17:57	BSL0027	BL90309
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/03/09 17:57	BSL0027	BL90309
Trichloroethene	**0.601** (0.0100)	0.0020	0.005	10	12/08/09 14:39	BSL0027	BL90309
Trichlorofluoromethane	**0.0044** (0.0010)	0.0004		1	12/03/09 17:57	BSL0027	BL90309
Vinyl Acetate	ND (0.0050)	0.0005		1	12/03/09 17:57	BSL0027	BL90309
Vinyl Chloride	**0.0013** (0.0010)	0.0002	0.002	1	12/03/09 17:57	BSL0027	BL90309
Xylene O	ND (0.0010)	0.0001	10	1	12/03/09 17:57	BSL0027	BL90309
Xylene P,M	ND (0.0020)	0.0002	10	1	12/03/09 17:57	BSL0027	BL90309
Xylenes (Total)	ND (0.0030)		10	1	12/03/09 17:57		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/03/09 17:57		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*96 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*91 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW233
Date Sampled: 12/01/09 12:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
1,1,1-Trichloroethane	**0.0029** (0.0010)	0.0002	0.2	1	12/04/09 14:02	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 14:02	BSL0039	BL90410
1,1-Dichloroethane	**0.0013** (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	12/04/09 14:02	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 14:02	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 14:02	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 14:02	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 14:02	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 14:02	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 14:02	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 14:02	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 14:02	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 14:02	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 14:02	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 14:02	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 14:02	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 14:02	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 14:02	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 14:02	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 14:02	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 14:02	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 14:02	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW233
Date Sampled: 12/01/09 12:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 14:02	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 14:02	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 14:02	BSL0039	BL90410
Chloroethane	ND (0.0020)	0.0004		1	12/04/09 14:02	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
cis-1,2-Dichloroethene	**0.0011** (0.0010)	0.0002	0.07	1	12/04/09 14:02	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 14:02	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 14:02	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 14:02	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 14:02	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 14:02	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 14:02	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 14:02	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 14:02	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:02	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 14:02	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 14:02	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001	1	1	12/04/09 14:02	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW233
Date Sampled: 12/01/09 12:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-05
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/04/09 14:02	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 14:02	BSL0039	BL90410
Trichloroethene	**0.0013** (0.0010)	0.0002	0.005	1	12/04/09 14:02	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 14:02	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 14:02	BSL0039	BL90410
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	12/04/09 14:02	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 14:02	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 14:02	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 14:02		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 14:02		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*97 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW230D
Date Sampled: 12/01/09 15:27
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
1,1,1-Trichloroethane	**0.0058** (0.0010)	0.0002	0.2	1	12/04/09 14:34	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 14:34	BSL0039	BL90410
1,1-Dichloroethane	**J 0.0009** (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
1,1-Dichloroethene	**0.0017** (0.0010)	0.0003	0.007	1	12/04/09 14:34	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 14:34	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 14:34	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 14:34	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 14:34	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 14:34	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 14:34	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 14:34	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 14:34	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 14:34	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 14:34	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 14:34	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 14:34	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 14:34	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 14:34	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 14:34	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 14:34	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 14:34	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 14:34	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW230D
Date Sampled: 12/01/09 15:27
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 14:34	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 14:34	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 14:34	BSL0039	BL90410
Chloroethane	ND (0.0020)	0.0004		1	12/04/09 14:34	BSL0039	BL90410
Chloroform	**J 0.0004** (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
cis-1,2-Dichloroethene	**0.0016** (0.0010)	0.0002	0.07	1	12/04/09 14:34	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 14:34	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 14:34	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 14:34	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 14:34	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 14:34	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 14:34	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 14:34	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 14:34	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 14:34	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Tetrachloroethene	**J 0.0002** (0.0010)	0.0002	0.005	1	12/04/09 14:34	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 14:34	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001	1	1	12/04/09 14:34	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW230D
Date Sampled: 12/01/09 15:27
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-06
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/04/09 14:34	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 14:34	BSL0039	BL90410
Trichloroethene	**0.0344** (0.0010)	0.0002	0.005	1	12/04/09 14:34	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 14:34	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 14:34	BSL0039	BL90410
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	12/04/09 14:34	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 14:34	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 14:34	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 14:34		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 14:34		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*97 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*91 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234D
Date Sampled: 12/02/09 09:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-07
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
1,1,1-Trichloroethane	**0.0120** (0.0010)	0.0002	0.2	1	12/04/09 15:05	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
1,1,2-Trichloroethane	**0.0012** (0.0010)	0.0002	0.005	1	12/04/09 15:05	BSL0039	BL90410
1,1-Dichloroethane	**0.0037** (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
1,1-Dichloroethene	**0.0196** (0.0010)	0.0003	0.007	1	12/04/09 15:05	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 15:05	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 15:05	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 15:05	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 15:05	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 15:05	BSL0039	BL90410
1,2-Dichloroethane	**J 0.0002** (0.0010)	0.0002	0.005	1	12/04/09 15:05	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 15:05	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 15:05	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 15:05	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 15:05	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 15:05	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 15:05	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 15:05	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 15:05	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 15:05	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 15:05	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 15:05	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 15:05	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234D
Date Sampled: 12/02/09 09:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-07
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 15:05	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 15:05	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 15:05	BSL0039	BL90410
Chloroethane	ND (0.0020)	0.0004		1	12/04/09 15:05	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
cis-1,2-Dichloroethene	**0.0979** (0.0010)	0.0002	0.07	1	12/04/09 15:05	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 15:05	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 15:05	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 15:05	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 15:05	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 15:05	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 15:05	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 15:05	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 15:05	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:05	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 15:05	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 15:05	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001	1	1	12/04/09 15:05	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW234D
Date Sampled: 12/02/09 09:45
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-07
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**0.0043** (0.0010)	0.0003	0.1	1	12/04/09 15:05	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 15:05	BSL0039	BL90410
Trichloroethene	**0.0232** (0.0010)	0.0002	0.005	1	12/04/09 15:05	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 15:05	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 15:05	BSL0039	BL90410
Vinyl Chloride	**0.0027** (0.0010)	0.0002	0.002	1	12/04/09 15:05	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 15:05	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 15:05	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 15:05		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 15:05		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*97 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*93 %*		*70-130*
Surrogate: Toluene-d8	*97 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW230S
Date Sampled: 12/02/09 10:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-08
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
1,1,1-Trichloroethane	**0.697** (0.0200)	0.0040	0.2	20	12/08/09 16:14	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 15:37	BSL0039	BL90410
1,1-Dichloroethane	**0.131** (0.0200)	0.0040		20	12/08/09 16:14	BSL0039	BL90410
1,1-Dichloroethene	**0.0323** (0.0010)	0.0003	0.007	1	12/04/09 15:37	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 15:37	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 15:37	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 15:37	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 15:37	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 15:37	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 15:37	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 15:37	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 15:37	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 15:37	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 15:37	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 15:37	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 15:37	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 15:37	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 15:37	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 15:37	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 15:37	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 15:37	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 15:37	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW230S
Date Sampled: 12/02/09 10:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-08
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 15:37	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 15:37	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 15:37	BSL0039	BL90410
Chloroethane	**0.0024** (0.0020)	0.0004		1	12/04/09 15:37	BSL0039	BL90410
Chloroform	**J 0.0003** (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
cis-1,2-Dichloroethene	**0.0874** (0.0200)	0.0040	0.07	20	12/08/09 16:14	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 15:37	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 15:37	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 15:37	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 15:37	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 15:37	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 15:37	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 15:37	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 15:37	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 15:37	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Tetrachloroethene	**0.0013** (0.0010)	0.0002	0.005	1	12/04/09 15:37	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 15:37	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001	1	1	12/04/09 15:37	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMW230S
Date Sampled: 12/02/09 10:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-08
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0004** (0.0010)	0.0003	0.1	1	12/04/09 15:37	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 15:37	BSL0039	BL90410
Trichloroethene	**0.348** (0.0200)	0.0040	0.005	20	12/08/09 16:14	BSL0039	BL90410
Trichlorofluoromethane	**0.0032** (0.0010)	0.0004		1	12/04/09 15:37	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 15:37	BSL0039	BL90410
Vinyl Chloride	**J 0.0004** (0.0010)	0.0002	0.002	1	12/04/09 15:37	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 15:37	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 15:37	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 15:37		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 15:37		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*95 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB0S
Date Sampled: 12/02/09 12:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
1,1,1-Trichloroethane	**0.0011** (0.0010)	0.0002	0.2	1	12/08/09 16:45	BSL0054	BL90815
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
1,1,2-Trichloroethane	**J 0.0008** (0.0010)	0.0002	0.005	1	12/08/09 16:45	BSL0054	BL90815
1,1-Dichloroethane	**0.0020** (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
1,1-Dichloroethene	**0.0028** (0.0010)	0.0003	0.007	1	12/08/09 16:45	BSL0054	BL90815
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/08/09 16:45	BSL0054	BL90815
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/08/09 16:45	BSL0054	BL90815
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/08/09 16:45	BSL0054	BL90815
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/08/09 16:45	BSL0054	BL90815
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/08/09 16:45	BSL0054	BL90815
1,2-Dichloroethane	**J 0.0010** (0.0010)	0.0002	0.005	1	12/08/09 16:45	BSL0054	BL90815
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/08/09 16:45	BSL0054	BL90815
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/08/09 16:45	BSL0054	BL90815
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/08/09 16:45	BSL0054	BL90815
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/08/09 16:45	BSL0054	BL90815
1-Chlorohexane	ND (0.0010)	0.0004		1	12/08/09 16:45	BSL0054	BL90815
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/08/09 16:45	BSL0054	BL90815
2-Butanone	ND (0.0250)	0.0058		1	12/08/09 16:45	BSL0054	BL90815
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
2-Hexanone	ND (0.0100)	0.0015		1	12/08/09 16:45	BSL0054	BL90815
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/08/09 16:45	BSL0054	BL90815
Acetone	ND (0.0250)	0.0050		1	12/08/09 16:45	BSL0054	BL90815
Benzene	ND (0.0010)	0.0001	0.005	1	12/08/09 16:45	BSL0054	BL90815
Bromobenzene	ND (0.0020)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Bromochloromethane	ND (0.0010)	0.0003		1	12/08/09 16:45	BSL0054	BL90815

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB0S
Date Sampled: 12/02/09 12:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
Bromoform	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Bromomethane	ND (0.0020)	0.0004		1	12/08/09 16:45	BSL0054	BL90815
Carbon Disulfide	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/08/09 16:45	BSL0054	BL90815
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/08/09 16:45	BSL0054	BL90815
Chloroethane	ND (0.0020)	0.0004		1	12/08/09 16:45	BSL0054	BL90815
Chloroform	**J 0.0001** (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
Chloromethane	ND (0.0020)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
cis-1,2-Dichloroethene	**0.0473** (0.0010)	0.0002	0.07	1	12/08/09 16:45	BSL0054	BL90815
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Dibromochloromethane	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Dibromomethane	ND (0.0010)	0.0003		1	12/08/09 16:45	BSL0054	BL90815
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/08/09 16:45	BSL0054	BL90815
Diethyl Ether	ND (0.0010)	0.0003		1	12/08/09 16:45	BSL0054	BL90815
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/08/09 16:45	BSL0054	BL90815
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Hexachloroethane	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Isopropylbenzene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/08/09 16:45	BSL0054	BL90815
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/08/09 16:45	BSL0054	BL90815
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/08/09 16:45	BSL0054	BL90815
n-Butylbenzene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
n-Propylbenzene	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
Styrene	ND (0.0010)	0.0001	0.1	1	12/08/09 16:45	BSL0054	BL90815
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/08/09 16:45	BSL0054	BL90815
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Tetrachloroethene	**0.0641** (0.0010)	0.0002	0.005	1	12/08/09 16:45	BSL0054	BL90815
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/08/09 16:45	BSL0054	BL90815
Toluene	ND (0.0010)	0.0001	1	1	12/08/09 16:45	BSL0054	BL90815

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB0S
Date Sampled: 12/02/09 12:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-09
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0006** (0.0010)	0.0003	0.1	1	12/08/09 16:45	BSL0054	BL90815
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/08/09 16:45	BSL0054	BL90815
Trichloroethene	**0.193** (0.0100)	0.0020	0.005	10	12/08/09 14:07	BSL0054	BL90815
Trichlorofluoromethane	**J 0.0005** (0.0010)	0.0004		1	12/08/09 16:45	BSL0054	BL90815
Vinyl Acetate	ND (0.0050)	0.0005		1	12/08/09 16:45	BSL0054	BL90815
Vinyl Chloride	**0.0014** (0.0010)	0.0002	0.002	1	12/08/09 16:45	BSL0054	BL90815
Xylene O	ND (0.0010)	0.0001	10	1	12/08/09 16:45	BSL0054	BL90815
Xylene P,M	ND (0.0020)	0.0002	10	1	12/08/09 16:45	BSL0054	BL90815
Xylenes (Total)	ND (0.0030)		10	1	12/08/09 16:45		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/08/09 16:45		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*98 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*93 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB01
Date Sampled: 12/02/09 12:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-10
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/04/09 16:40	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 16:40	BSL0039	BL90410
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	12/04/09 16:40	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 16:40	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 16:40	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 16:40	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 16:40	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 16:40	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 16:40	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 16:40	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 16:40	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 16:40	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 16:40	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 16:40	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 16:40	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 16:40	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 16:40	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 16:40	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 16:40	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 16:40	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 16:40	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB01
Date Sampled: 12/02/09 12:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-10
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 16:40	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 16:40	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 16:40	BSL0039	BL90410
Chloroethane	**J 0.0009** (0.0020)	0.0004		1	12/04/09 16:40	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
cis-1,2-Dichloroethene	**J 0.0004** (0.0010)	0.0002	0.07	1	12/04/09 16:40	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 16:40	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 16:40	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 16:40	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 16:40	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 16:40	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 16:40	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 16:40	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 16:40	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 16:40	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 16:40	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 16:40	BSL0039	BL90410
Toluene	**J 0.0003** (0.0010)	0.0001	1	1	12/04/09 16:40	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB01
Date Sampled: 12/02/09 12:35
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-10
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/04/09 16:40	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 16:40	BSL0039	BL90410
Trichloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 16:40	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 16:40	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 16:40	BSL0039	BL90410
Vinyl Chloride	**J 0.0004** (0.0010)	0.0002	0.002	1	12/04/09 16:40	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 16:40	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 16:40	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 16:40		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 16:40		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*94 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*89 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB02
Date Sampled: 12/02/09 12:50
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-11
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/04/09 17:12	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 17:12	BSL0039	BL90410
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	12/04/09 17:12	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 17:12	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 17:12	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 17:12	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 17:12	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 17:12	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 17:12	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 17:12	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 17:12	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 17:12	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 17:12	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 17:12	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 17:12	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 17:12	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 17:12	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 17:12	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 17:12	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 17:12	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 17:12	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB02
Date Sampled: 12/02/09 12:50
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-11
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 17:12	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 17:12	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 17:12	BSL0039	BL90410
Chloroethane	**0.0024** (0.0020)	0.0004		1	12/04/09 17:12	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
cis-1,2-Dichloroethene	**J 0.0002** (0.0010)	0.0002	0.07	1	12/04/09 17:12	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 17:12	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 17:12	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 17:12	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 17:12	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 17:12	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 17:12	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 17:12	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 17:12	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:12	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 17:12	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 17:12	BSL0039	BL90410
Toluene	**J 0.0002** (0.0010)	0.0001	1	1	12/04/09 17:12	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB02
Date Sampled: 12/02/09 12:50
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-11
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/04/09 17:12	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 17:12	BSL0039	BL90410
Trichloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 17:12	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 17:12	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 17:12	BSL0039	BL90410
Vinyl Chloride	**J 0.0003** (0.0010)	0.0002	0.002	1	12/04/09 17:12	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 17:12	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 17:12	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 17:12		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 17:12		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*94 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*93 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB03
Date Sampled: 12/02/09 13:10
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-12
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	12/04/09 17:44	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 17:44	BSL0039	BL90410
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
1,1-Dichloroethene	ND (0.0010)	0.0003	0.007	1	12/04/09 17:44	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 17:44	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 17:44	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 17:44	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 17:44	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 17:44	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 17:44	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 17:44	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 17:44	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 17:44	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 17:44	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 17:44	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 17:44	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 17:44	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 17:44	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 17:44	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 17:44	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 17:44	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 17:44	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB03
Date Sampled: 12/02/09 13:10
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-12
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 17:44	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 17:44	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 17:44	BSL0039	BL90410
Chloroethane	ND (0.0020)	0.0004		1	12/04/09 17:44	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
cis-1,2-Dichloroethene	ND (0.0010)	0.0002	0.07	1	12/04/09 17:44	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 17:44	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 17:44	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 17:44	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 17:44	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 17:44	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 17:44	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 17:44	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 17:44	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 17:44	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 17:44	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 17:44	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001	1	1	12/04/09 17:44	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB03
Date Sampled: 12/02/09 13:10
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-12
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/04/09 17:44	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 17:44	BSL0039	BL90410
Trichloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 17:44	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 17:44	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 17:44	BSL0039	BL90410
Vinyl Chloride	**J 0.0004** (0.0010)	0.0002	0.002	1	12/04/09 17:44	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 17:44	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 17:44	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 17:44		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 17:44		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*96 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*90 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB04
Date Sampled: 12/02/09 13:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-13
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
1,1,1-Trichloroethane	**0.0138** (0.0010)	0.0002	0.2	1	12/04/09 18:15	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 18:15	BSL0039	BL90410
1,1-Dichloroethane	**0.0081** (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
1,1-Dichloroethene	**J 0.0004** (0.0010)	0.0003	0.007	1	12/04/09 18:15	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 18:15	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 18:15	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 18:15	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 18:15	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 18:15	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 18:15	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 18:15	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 18:15	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 18:15	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 18:15	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 18:15	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 18:15	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 18:15	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 18:15	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 18:15	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 18:15	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 18:15	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 18:15	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB04
Date Sampled: 12/02/09 13:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-13
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 18:15	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 18:15	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 18:15	BSL0039	BL90410
Chloroethane	**J 0.0009** (0.0020)	0.0004		1	12/04/09 18:15	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
cis-1,2-Dichloroethene	ND (0.0010)	0.0002	0.07	1	12/04/09 18:15	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 18:15	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 18:15	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 18:15	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 18:15	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 18:15	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 18:15	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 18:15	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 18:15	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:15	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 18:15	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 18:15	BSL0039	BL90410
Toluene	**J 0.0002** (0.0010)	0.0001	1	1	12/04/09 18:15	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB04
Date Sampled: 12/02/09 13:20
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-13
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/04/09 18:15	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 18:15	BSL0039	BL90410
Trichloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 18:15	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 18:15	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 18:15	BSL0039	BL90410
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	12/04/09 18:15	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 18:15	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 18:15	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 18:15		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 18:15		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*98 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*96 %*		*70-130*
Surrogate: Dibromofluoromethane	*92 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB06
Date Sampled: 12/02/09 13:30
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-14
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
1,1,1-Trichloroethane	**0.149** (0.0100)	0.0020	0.2	10	12/08/09 15:10	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 18:47	BSL0039	BL90410
1,1-Dichloroethane	**0.0204** (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
1,1-Dichloroethene	**J 0.0010** (0.0010)	0.0003	0.007	1	12/04/09 18:47	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 18:47	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	12/04/09 18:47	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	12/04/09 18:47	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	12/04/09 18:47	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	12/04/09 18:47	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	12/04/09 18:47	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	12/04/09 18:47	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	12/04/09 18:47	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	12/04/09 18:47	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 18:47	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 18:47	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 18:47	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 18:47	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 18:47	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 18:47	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 18:47	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001	0.005	1	12/04/09 18:47	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 18:47	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB06
Date Sampled: 12/02/09 13:30
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-14
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 18:47	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	12/04/09 18:47	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	12/04/09 18:47	BSL0039	BL90410
Chloroethane	ND (0.0020)	0.0004		1	12/04/09 18:47	BSL0039	BL90410
Chloroform	**J 0.0004** (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
cis-1,2-Dichloroethene	ND (0.0010)	0.0002	0.07	1	12/04/09 18:47	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 18:47	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 18:47	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 18:47	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	12/04/09 18:47	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	12/04/09 18:47	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	12/04/09 18:47	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002	0.02	1	12/04/09 18:47	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001	0.1	1	12/04/09 18:47	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 18:47	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 18:47	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 18:47	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001	1	1	12/04/09 18:47	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDB06
Date Sampled: 12/02/09 13:30
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-14
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003	0.1	1	12/04/09 18:47	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 18:47	BSL0039	BL90410
Trichloroethene	ND (0.0010)	0.0002	0.005	1	12/04/09 18:47	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 18:47	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 18:47	BSL0039	BL90410
Vinyl Chloride	ND (0.0010)	0.0002	0.002	1	12/04/09 18:47	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001	10	1	12/04/09 18:47	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002	10	1	12/04/09 18:47	BSL0039	BL90410
Xylenes (Total)	ND (0.0030)		10	1	12/04/09 18:47		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		12/04/09 18:47		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*94 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*94 %*		*70-130*
Surrogate: Dibromofluoromethane	*89 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDBTRIP
Date Sampled: 12/01/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-15
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,1,1-Trichloroethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,1-Dichloroethene	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010		1	12/04/09 19:18	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 19:18	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 19:18	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 19:18	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 19:18	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 19:18	BSL0039	BL90410
Acetone	**0.0383** (0.0250)	0.0050		1	12/04/09 19:18	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDBTRIP
Date Sampled: 12/01/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-15
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 19:18	BSL0039	BL90410
Carbon Disulfide	**J 0.0003** (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Chloroethane	ND (0.0020)	0.0004		1	12/04/09 19:18	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
cis-1,2-Dichloroethene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
Methylene Chloride	**J 0.0012** (0.0040)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 19:18	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: PWPDBTRIP
Date Sampled: 12/01/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-15
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003		1	12/04/09 19:18	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0005)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Trichloroethene	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 19:18	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 19:18	BSL0039	BL90410
Vinyl Chloride	ND (0.0010)	0.0002		1	12/04/09 19:18	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001		1	12/04/09 19:18	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002		1	12/04/09 19:18	BSL0039	BL90410

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*97 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*96 %*		*70-130*
Surrogate: Dibromofluoromethane	*91 %*		*70-130*
Surrogate: Toluene-d8	*95 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: TRIP
Date Sampled: 12/01/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-16
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,1,1-Trichloroethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
1,1,2-Trichloroethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,1-Dichloroethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,1-Dichloroethene	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
1,1-Dichloropropene	ND (0.0020)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010		1	12/04/09 13:30	BSL0039	BL90410
1,2-Dibromoethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,2-Dichlorobenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
1,2-Dichloroethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,2-Dichloropropane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
1,3-Dichlorobenzene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
1,3-Dichloropropane	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
1,4-Dichlorobenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
1,4-Dioxane - Screen	ND (0.500)	0.190		1	12/04/09 13:30	BSL0039	BL90410
1-Chlorohexane	ND (0.0010)	0.0004		1	12/04/09 13:30	BSL0039	BL90410
2,2-Dichloropropane	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
2-Butanone	ND (0.0250)	0.0058		1	12/04/09 13:30	BSL0039	BL90410
2-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
2-Hexanone	ND (0.0100)	0.0015		1	12/04/09 13:30	BSL0039	BL90410
4-Chlorotoluene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
4-Isopropyltoluene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	12/04/09 13:30	BSL0039	BL90410
Acetone	ND (0.0250)	0.0050		1	12/04/09 13:30	BSL0039	BL90410
Benzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Bromobenzene	ND (0.0020)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Bromochloromethane	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: TRIP
Date Sampled: 12/01/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-16
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Bromoform	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Bromomethane	ND (0.0020)	0.0004		1	12/04/09 13:30	BSL0039	BL90410
Carbon Disulfide	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Carbon Tetrachloride	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Chlorobenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Chloroethane	ND (0.0020)	0.0004		1	12/04/09 13:30	BSL0039	BL90410
Chloroform	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Chloromethane	ND (0.0020)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
cis-1,2-Dichloroethene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Dibromochloromethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Dibromomethane	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
Diethyl Ether	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
Di-isopropyl ether	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Ethylbenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Hexachlorobutadiene	ND (0.0006)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Hexachloroethane	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Isopropylbenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Methyl tert-Butyl Ether	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
Methylene Chloride	ND (0.0040)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Naphthalene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
n-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
n-Propylbenzene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
sec-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Styrene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
tert-Butylbenzene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Tetrachloroethene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Tetrahydrofuran	ND (0.0050)	0.0016		1	12/04/09 13:30	BSL0039	BL90410
Toluene	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: TRIP
Date Sampled: 12/01/09 00:00
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 0912038
ESS Laboratory Sample ID: 0912038-16
Sample Matrix: Aqueous
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	ND (0.0010)	0.0003		1	12/04/09 13:30	BSL0039	BL90410
trans-1,3-Dichloropropene	ND (0.0005)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Trichloroethene	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Trichlorofluoromethane	ND (0.0010)	0.0004		1	12/04/09 13:30	BSL0039	BL90410
Vinyl Acetate	ND (0.0050)	0.0005		1	12/04/09 13:30	BSL0039	BL90410
Vinyl Chloride	ND (0.0010)	0.0002		1	12/04/09 13:30	BSL0039	BL90410
Xylene O	ND (0.0010)	0.0001		1	12/04/09 13:30	BSL0039	BL90410
Xylene P,M	ND (0.0020)	0.0002		1	12/04/09 13:30	BSL0039	BL90410

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*95 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*92 %*		*70-130*
Surrogate: Dibromofluoromethane	*89 %*		*70-130*
Surrogate: Toluene-d8	*96 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0236*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0227*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Toluene-d8	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.68		ug/L	10.00		97	70-130			
1,1,1-Trichloroethane	9.49		ug/L	10.00		95	70-130			
1,1,2,2-Tetrachloroethane	9.54		ug/L	10.00		95	70-130			
1,1,2-Trichloroethane	9.67		ug/L	10.00		97	70-130			
1,1-Dichloroethane	10.1		ug/L	10.00		101	70-130			
1,1-Dichloroethene	9.80		ug/L	10.00		98	70-130			
1,1-Dichloropropene	9.48		ug/L	10.00		95	70-130			
1,2,3-Trichlorobenzene	12.0		ug/L	10.00		120	70-130			
1,2,3-Trichloropropane	9.56		ug/L	10.00		96	70-130			
1,2,4-Trichlorobenzene	10.9		ug/L	10.00		109	70-130			
1,2,4-Trimethylbenzene	9.72		ug/L	10.00		97	70-130			
1,2-Dibromo-3-Chloropropane	10.1		ug/L	10.00		101	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
1,2-Dibromoethane	9.67		ug/L	10.00		97	70-130			
1,2-Dichlorobenzene	9.87		ug/L	10.00		99	70-130			
1,2-Dichloroethane	9.69		ug/L	10.00		97	70-130			
1,2-Dichloropropane	10.0		ug/L	10.00		100	70-130			
1,3,5-Trimethylbenzene	9.74		ug/L	10.00		97	70-130			
1,3-Dichlorobenzene	9.65		ug/L	10.00		96	70-130			
1,3-Dichloropropane	9.87		ug/L	10.00		99	70-130			
1,4-Dichlorobenzene	9.78		ug/L	10.00		98	70-130			
1,4-Dioxane - Screen	336		ug/L	200.0		168	0-332			
1-Chlorohexane	9.13		ug/L	10.00		91	70-130			
2,2-Dichloropropane	9.37		ug/L	10.00		94	70-130			
2-Butanone	58.9		ug/L	50.00		118	70-130			
2-Chlorotoluene	9.72		ug/L	10.00		97	70-130			
2-Hexanone	54.1		ug/L	50.00		108	70-130			
4-Chlorotoluene	9.85		ug/L	10.00		98	70-130			
4-Isopropyltoluene	9.68		ug/L	10.00		97	70-130			
4-Methyl-2-Pentanone	47.8		ug/L	50.00		96	70-130			
Acetone	67.2		ug/L	50.00		134	70-130			B+
Benzene	9.85		ug/L	10.00		98	70-130			
Bromobenzene	10.0		ug/L	10.00		100	70-130			
Bromochloromethane	9.73		ug/L	10.00		97	70-130			
Bromodichloromethane	9.88		ug/L	10.00		99	70-130			
Bromoform	9.26		ug/L	10.00		93	70-130			
Bromomethane	9.51		ug/L	10.00		95	70-130			
Carbon Disulfide	10.7		ug/L	10.00		107	70-130			
Carbon Tetrachloride	9.55		ug/L	10.00		96	70-130			
Chlorobenzene	9.90		ug/L	10.00		99	70-130			
Chloroethane	10.8		ug/L	10.00		108	70-130			
Chloroform	9.83		ug/L	10.00		98	70-130			
Chloromethane	10.3		ug/L	10.00		103	70-130			
cis-1,2-Dichloroethene	9.74		ug/L	10.00		97	70-130			
cis-1,3-Dichloropropene	9.76		ug/L	10.00		98	70-130			
Dibromochloromethane	9.47		ug/L	10.00		95	70-130			
Dibromomethane	9.20		ug/L	10.00		92	70-130			
Dichlorodifluoromethane	9.49		ug/L	10.00		95	70-130			
Diethyl Ether	10.2		ug/L	10.00		102	70-130			
Di-isopropyl ether	9.91		ug/L	10.00		99	70-130			
Ethyl tertiary-butyl ether	9.29		ug/L	10.00		93	70-130			
Ethylbenzene	9.76		ug/L	10.00		98	70-130			
Hexachlorobutadiene	11.0		ug/L	10.00		110	70-130			
Hexachloroethane	10.0		ug/L	10.00		100	70-130			
Isopropylbenzene	8.13		ug/L	10.00		81	70-130			
Methyl tert-Butyl Ether	9.46		ug/L	10.00		95	70-130			
Methylene Chloride	10.5		ug/L	10.00		105	70-130			
Naphthalene	10.2		ug/L	10.00		102	70-130			
n-Butylbenzene	10.3		ug/L	10.00		103	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
n-Propylbenzene	9.43		ug/L	10.00		94	70-130			
sec-Butylbenzene	9.94		ug/L	10.00		99	70-130			
Styrene	9.86		ug/L	10.00		99	70-130			
tert-Butylbenzene	9.45		ug/L	10.00		94	70-130			
Tertiary-amyl methyl ether	9.43		ug/L	10.00		94	70-130			
Tetrachloroethene	9.73		ug/L	10.00		97	70-130			
Tetrahydrofuran	10.1		ug/L	10.00		101	70-130			
Toluene	9.83		ug/L	10.00		98	70-130			
trans-1,2-Dichloroethene	10.4		ug/L	10.00		104	70-130			
trans-1,3-Dichloropropene	8.62		ug/L	10.00		86	70-130			
Trichloroethene	9.52		ug/L	10.00		95	70-130			
Trichlorofluoromethane	10.3		ug/L	10.00		103	70-130			
Vinyl Acetate	9.72		ug/L	10.00		97	70-130			
Vinyl Chloride	10.0		ug/L	10.00		100	70-130			
Xylene O	9.90		ug/L	10.00		99	70-130			
Xylene P,M	19.7		ug/L	20.00		99	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0237*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0233*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Toluene-d8	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.35		ug/L	10.00		94	70-130	3	25	
1,1,1-Trichloroethane	9.20		ug/L	10.00		92	70-130	3	25	
1,1,2,2-Tetrachloroethane	9.73		ug/L	10.00		97	70-130	2	25	
1,1,2-Trichloroethane	9.67		ug/L	10.00		97	70-130	0	25	
1,1-Dichloroethane	9.77		ug/L	10.00		98	70-130	3	25	
1,1-Dichloroethene	9.59		ug/L	10.00		96	70-130	2	25	
1,1-Dichloropropene	9.32		ug/L	10.00		93	70-130	2	25	
1,2,3-Trichlorobenzene	10.6		ug/L	10.00		106	70-130	12	25	
1,2,3-Trichloropropane	10.0		ug/L	10.00		100	70-130	5	25	
1,2,4-Trichlorobenzene	9.30		ug/L	10.00		93	70-130	16	25	
1,2,4-Trimethylbenzene	9.42		ug/L	10.00		94	70-130	3	25	
1,2-Dibromo-3-Chloropropane	9.61		ug/L	10.00		96	70-130	5	25	
1,2-Dibromoethane	9.52		ug/L	10.00		95	70-130	2	25	
1,2-Dichlorobenzene	9.40		ug/L	10.00		94	70-130	5	25	
1,2-Dichloroethane	9.87		ug/L	10.00		99	70-130	2	25	
1,2-Dichloropropane	9.70		ug/L	10.00		97	70-130	3	25	
1,3,5-Trimethylbenzene	9.49		ug/L	10.00		95	70-130	3	25	
1,3-Dichlorobenzene	9.51		ug/L	10.00		95	70-130	1	25	
1,3-Dichloropropane	9.91		ug/L	10.00		99	70-130	0.4	25	
1,4-Dichlorobenzene	9.45		ug/L	10.00		94	70-130	3	25	
1,4-Dioxane - Screen	247		ug/L	200.0		124	0-332	31	200	
1-Chlorohexane	9.11		ug/L	10.00		91	70-130	0.2	25	
2,2-Dichloropropane	9.15		ug/L	10.00		92	70-130	2	25	
2-Butanone	51.8		ug/L	50.00		104	70-130	13	25	
2-Chlorotoluene	9.33		ug/L	10.00		93	70-130	4	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
2-Hexanone	51.7		ug/L	50.00		103	70-130	5	25	
4-Chlorotoluene	9.35		ug/L	10.00		94	70-130	5	25	
4-Isopropyltoluene	8.99		ug/L	10.00		90	70-130	7	25	
4-Methyl-2-Pentanone	48.4		ug/L	50.00		97	70-130	1	25	
Acetone	64.2		ug/L	50.00		128	70-130	5	25	
Benzene	9.55		ug/L	10.00		96	70-130	3	25	
Bromobenzene	9.70		ug/L	10.00		97	70-130	3	25	
Bromochloromethane	9.54		ug/L	10.00		95	70-130	2	25	
Bromodichloromethane	9.68		ug/L	10.00		97	70-130	2	25	
Bromoform	8.98		ug/L	10.00		90	70-130	3	25	
Bromomethane	9.04		ug/L	10.00		90	70-130	5	25	
Carbon Disulfide	10.4		ug/L	10.00		104	70-130	3	25	
Carbon Tetrachloride	9.14		ug/L	10.00		91	70-130	4	25	
Chlorobenzene	9.52		ug/L	10.00		95	70-130	4	25	
Chloroethane	10.6		ug/L	10.00		106	70-130	2	25	
Chloroform	9.52		ug/L	10.00		95	70-130	3	25	
Chloromethane	10.0		ug/L	10.00		100	70-130	3	25	
cis-1,2-Dichloroethene	9.36		ug/L	10.00		94	70-130	4	25	
cis-1,3-Dichloropropene	9.52		ug/L	10.00		95	70-130	2	25	
Dibromochloromethane	9.31		ug/L	10.00		93	70-130	2	25	
Dibromomethane	9.31		ug/L	10.00		93	70-130	1	25	
Dichlorodifluoromethane	9.37		ug/L	10.00		94	70-130	1	25	
Diethyl Ether	10.1		ug/L	10.00		101	70-130	2	25	
Di-isopropyl ether	9.72		ug/L	10.00		97	70-130	2	25	
Ethyl tertiary-butyl ether	9.19		ug/L	10.00		92	70-130	1	25	
Ethylbenzene	9.41		ug/L	10.00		94	70-130	4	25	
Hexachlorobutadiene	10.3		ug/L	10.00		103	70-130	7	25	
Hexachloroethane	9.17		ug/L	10.00		92	70-130	9	25	
Isopropylbenzene	7.96		ug/L	10.00		80	70-130	2	25	
Methyl tert-Butyl Ether	9.23		ug/L	10.00		92	70-130	2	25	
Methylene Chloride	10.3		ug/L	10.00		103	70-130	2	25	
Naphthalene	9.30		ug/L	10.00		93	70-130	9	25	
n-Butylbenzene	9.33		ug/L	10.00		93	70-130	9	25	
n-Propylbenzene	9.03		ug/L	10.00		90	70-130	4	25	
sec-Butylbenzene	9.34		ug/L	10.00		93	70-130	6	25	
Styrene	9.45		ug/L	10.00		94	70-130	4	25	
tert-Butylbenzene	9.03		ug/L	10.00		90	70-130	5	25	
Tertiary-amyl methyl ether	9.15		ug/L	10.00		92	70-130	3	25	
Tetrachloroethene	9.51		ug/L	10.00		95	70-130	2	25	
Tetrahydrofuran	10.2		ug/L	10.00		102	70-130	0.6	25	
Toluene	9.57		ug/L	10.00		96	70-130	3	25	
trans-1,2-Dichloroethene	9.91		ug/L	10.00		99	70-130	5	25	
trans-1,3-Dichloropropene	8.34		ug/L	10.00		83	70-130	3	25	
Trichloroethene	9.38		ug/L	10.00		94	70-130	1	25	
Trichlorofluoromethane	9.15		ug/L	10.00		92	70-130	12	25	
Vinyl Acetate	9.59		ug/L	10.00		96	70-130	1	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90309 - 5030B										
Vinyl Chloride	9.73		ug/L	10.00		97	70-130	3	25	
Xylene O	9.51		ug/L	10.00		95	70-130	4	25	
Xylene P,M	18.8		ug/L	20.00		94	70-130	5	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0233*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0228*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Toluene-d8	*0.0239*		mg/L	*0.02500*		*96*	*70-130*			
Batch BL90410 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90410 - 5030B										
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0232*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0224*		mg/L	*0.02500*		*90*	*70-130*			
Surrogate: Toluene-d8	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.00		95	70-130			
1,1,1-Trichloroethane	9.68		ug/L	10.00		97	70-130			
1,1,2,2-Tetrachloroethane	9.59		ug/L	10.00		96	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90410 - 5030B										
1,1,2-Trichloroethane	9.59		ug/L	10.00		96	70-130			
1,1-Dichloroethane	10.1		ug/L	10.00		101	70-130			
1,1-Dichloroethene	9.78		ug/L	10.00		98	70-130			
1,1-Dichloropropene	9.36		ug/L	10.00		94	70-130			
1,2,3-Trichlorobenzene	11.3		ug/L	10.00		113	70-130			
1,2,3-Trichloropropane	9.78		ug/L	10.00		98	70-130			
1,2,4-Trichlorobenzene	10.4		ug/L	10.00		104	70-130			
1,2,4-Trimethylbenzene	9.85		ug/L	10.00		98	70-130			
1,2-Dibromo-3-Chloropropane	9.24		ug/L	10.00		92	70-130			
1,2-Dibromoethane	9.46		ug/L	10.00		95	70-130			
1,2-Dichlorobenzene	9.63		ug/L	10.00		96	70-130			
1,2-Dichloroethane	9.63		ug/L	10.00		96	70-130			
1,2-Dichloropropane	10.1		ug/L	10.00		101	70-130			
1,3,5-Trimethylbenzene	9.98		ug/L	10.00		100	70-130			
1,3-Dichlorobenzene	10.0		ug/L	10.00		100	70-130			
1,3-Dichloropropane	9.97		ug/L	10.00		100	70-130			
1,4-Dichlorobenzene	9.65		ug/L	10.00		96	70-130			
1,4-Dioxane - Screen	275		ug/L	200.0		138	0-332			
1-Chlorohexane	9.35		ug/L	10.00		94	70-130			
2,2-Dichloropropane	9.90		ug/L	10.00		99	70-130			
2-Butanone	49.2		ug/L	50.00		98	70-130			
2-Chlorotoluene	9.75		ug/L	10.00		98	70-130			
2-Hexanone	49.4		ug/L	50.00		99	70-130			
4-Chlorotoluene	9.69		ug/L	10.00		97	70-130			
4-Isopropyltoluene	9.67		ug/L	10.00		97	70-130			
4-Methyl-2-Pentanone	45.0		ug/L	50.00		90	70-130			
Acetone	57.5		ug/L	50.00		115	70-130			
Benzene	9.93		ug/L	10.00		99	70-130			
Bromobenzene	10.0		ug/L	10.00		100	70-130			
Bromochloromethane	9.26		ug/L	10.00		93	70-130			
Bromodichloromethane	9.95		ug/L	10.00		100	70-130			
Bromoform	8.79		ug/L	10.00		88	70-130			
Bromomethane	9.47		ug/L	10.00		95	70-130			
Carbon Disulfide	10.5		ug/L	10.00		105	70-130			
Carbon Tetrachloride	9.59		ug/L	10.00		96	70-130			
Chlorobenzene	9.68		ug/L	10.00		97	70-130			
Chloroethane	10.4		ug/L	10.00		104	70-130			
Chloroform	9.86		ug/L	10.00		99	70-130			
Chloromethane	9.95		ug/L	10.00		100	70-130			
cis-1,2-Dichloroethene	9.54		ug/L	10.00		95	70-130			
cis-1,3-Dichloropropene	9.91		ug/L	10.00		99	70-130			
Dibromochloromethane	9.52		ug/L	10.00		95	70-130			
Dibromomethane	9.00		ug/L	10.00		90	70-130			
Dichlorodifluoromethane	9.21		ug/L	10.00		92	70-130			
Diethyl Ether	10.0		ug/L	10.00		100	70-130			
Di-isopropyl ether	9.93		ug/L	10.00		99	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90410 - 5030B										
Ethyl tertiary-butyl ether	9.42		ug/L	10.00		94	70-130			
Ethylbenzene	9.68		ug/L	10.00		97	70-130			
Hexachlorobutadiene	11.2		ug/L	10.00		112	70-130			
Hexachloroethane	10.4		ug/L	10.00		104	70-130			
Isopropylbenzene	8.28		ug/L	10.00		83	70-130			
Methyl tert-Butyl Ether	9.44		ug/L	10.00		94	70-130			
Methylene Chloride	10.2		ug/L	10.00		102	70-130			
Naphthalene	9.59		ug/L	10.00		96	70-130			
n-Butylbenzene	10.6		ug/L	10.00		106	70-130			
n-Propylbenzene	9.55		ug/L	10.00		96	70-130			
sec-Butylbenzene	10.3		ug/L	10.00		103	70-130			
Styrene	9.67		ug/L	10.00		97	70-130			
tert-Butylbenzene	9.79		ug/L	10.00		98	70-130			
Tertiary-amyl methyl ether	9.47		ug/L	10.00		95	70-130			
Tetrachloroethene	9.46		ug/L	10.00		95	70-130			
Tetrahydrofuran	9.20		ug/L	10.00		92	70-130			
Toluene	9.66		ug/L	10.00		97	70-130			
trans-1,2-Dichloroethene	10.2		ug/L	10.00		102	70-130			
trans-1,3-Dichloropropene	8.32		ug/L	10.00		83	70-130			
Trichloroethene	9.67		ug/L	10.00		97	70-130			
Trichlorofluoromethane	10.3		ug/L	10.00		103	70-130			
Vinyl Acetate	9.23		ug/L	10.00		92	70-130			
Vinyl Chloride	9.61		ug/L	10.00		96	70-130			
Xylene O	9.80		ug/L	10.00		98	70-130			
Xylene P,M	19.5		ug/L	20.00		98	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0232*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0233*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0231*		mg/L	*0.02500*		*92*	*70-130*			
Surrogate: Toluene-d8	*0.0239*		mg/L	*0.02500*		*96*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.33		ug/L	10.00		93	70-130	2	25	
1,1,1-Trichloroethane	9.56		ug/L	10.00		96	70-130	1	25	
1,1,2,2-Tetrachloroethane	9.25		ug/L	10.00		92	70-130	4	25	
1,1,2-Trichloroethane	9.36		ug/L	10.00		94	70-130	2	25	
1,1-Dichloroethane	9.94		ug/L	10.00		99	70-130	2	25	
1,1-Dichloroethene	9.63		ug/L	10.00		96	70-130	2	25	
1,1-Dichloropropene	9.37		ug/L	10.00		94	70-130	0.1	25	
1,2,3-Trichlorobenzene	10.3		ug/L	10.00		103	70-130	10	25	
1,2,3-Trichloropropane	9.68		ug/L	10.00		97	70-130	1	25	
1,2,4-Trichlorobenzene	9.54		ug/L	10.00		95	70-130	9	25	
1,2,4-Trimethylbenzene	9.57		ug/L	10.00		96	70-130	3	25	
1,2-Dibromo-3-Chloropropane	8.91		ug/L	10.00		89	70-130	4	25	
1,2-Dibromoethane	9.02		ug/L	10.00		90	70-130	5	25	
1,2-Dichlorobenzene	9.54		ug/L	10.00		95	70-130	0.9	25	
1,2-Dichloroethane	9.62		ug/L	10.00		96	70-130	0.1	25	
1,2-Dichloropropane	9.81		ug/L	10.00		98	70-130	3	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90410 - 5030B										
1,3,5-Trimethylbenzene	9.77		ug/L	10.00		98	70-130	2	25	
1,3-Dichlorobenzene	9.83		ug/L	10.00		98	70-130	2	25	
1,3-Dichloropropane	9.50		ug/L	10.00		95	70-130	5	25	
1,4-Dichlorobenzene	9.44		ug/L	10.00		94	70-130	2	25	
1,4-Dioxane - Screen	251		ug/L	200.0		125	0-332	9	200	
1-Chlorohexane	9.22		ug/L	10.00		92	70-130	1	25	
2,2-Dichloropropane	9.41		ug/L	10.00		94	70-130	5	25	
2-Butanone	48.4		ug/L	50.00		97	70-130	2	25	
2-Chlorotoluene	9.58		ug/L	10.00		96	70-130	2	25	
2-Hexanone	48.6		ug/L	50.00		97	70-130	2	25	
4-Chlorotoluene	9.54		ug/L	10.00		95	70-130	2	25	
4-Isopropyltoluene	9.30		ug/L	10.00		93	70-130	4	25	
4-Methyl-2-Pentanone	44.9		ug/L	50.00		90	70-130	0.09	25	
Acetone	60.1		ug/L	50.00		120	70-130	4	25	
Benzene	9.71		ug/L	10.00		97	70-130	2	25	
Bromobenzene	9.76		ug/L	10.00		98	70-130	3	25	
Bromochloromethane	9.23		ug/L	10.00		92	70-130	0.3	25	
Bromodichloromethane	9.68		ug/L	10.00		97	70-130	3	25	
Bromoform	8.64		ug/L	10.00		86	70-130	2	25	
Bromomethane	9.67		ug/L	10.00		97	70-130	2	25	
Carbon Disulfide	10.6		ug/L	10.00		106	70-130	2	25	
Carbon Tetrachloride	9.47		ug/L	10.00		95	70-130	1	25	
Chlorobenzene	9.50		ug/L	10.00		95	70-130	2	25	
Chloroethane	10.8		ug/L	10.00		108	70-130	4	25	
Chloroform	9.64		ug/L	10.00		96	70-130	2	25	
Chloromethane	10.0		ug/L	10.00		100	70-130	0.8	25	
cis-1,2-Dichloroethene	9.36		ug/L	10.00		94	70-130	2	25	
cis-1,3-Dichloropropene	9.43		ug/L	10.00		94	70-130	5	25	
Dibromochloromethane	9.06		ug/L	10.00		91	70-130	5	25	
Dibromomethane	8.87		ug/L	10.00		89	70-130	1	25	
Dichlorodifluoromethane	9.67		ug/L	10.00		97	70-130	5	25	
Diethyl Ether	9.70		ug/L	10.00		97	70-130	3	25	
Di-isopropyl ether	9.54		ug/L	10.00		95	70-130	4	25	
Ethyl tertiary-butyl ether	9.10		ug/L	10.00		91	70-130	3	25	
Ethylbenzene	9.58		ug/L	10.00		96	70-130	1	25	
Hexachlorobutadiene	11.0		ug/L	10.00		110	70-130	2	25	
Hexachloroethane	9.64		ug/L	10.00		96	70-130	8	25	
Isopropylbenzene	8.11		ug/L	10.00		81	70-130	2	25	
Methyl tert-Butyl Ether	9.08		ug/L	10.00		91	70-130	4	25	
Methylene Chloride	10.1		ug/L	10.00		101	70-130	1	25	
Naphthalene	8.73		ug/L	10.00		87	70-130	9	25	
n-Butylbenzene	10.1		ug/L	10.00		101	70-130	4	25	
n-Propylbenzene	9.34		ug/L	10.00		93	70-130	2	25	
sec-Butylbenzene	9.86		ug/L	10.00		99	70-130	4	25	
Styrene	9.36		ug/L	10.00		94	70-130	3	25	
tert-Butylbenzene	9.35		ug/L	10.00		94	70-130	5	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90410 - 5030B										
Tertiary-amyl methyl ether	9.25		ug/L	10.00		92	70-130	2	25	
Tetrachloroethene	9.34		ug/L	10.00		93	70-130	1	25	
Tetrahydrofuran	9.48		ug/L	10.00		95	70-130	3	25	
Toluene	9.70		ug/L	10.00		97	70-130	0.4	25	
trans-1,2-Dichloroethene	9.98		ug/L	10.00		100	70-130	2	25	
trans-1,3-Dichloropropene	8.03		ug/L	10.00		80	70-130	4	25	
Trichloroethene	9.58		ug/L	10.00		96	70-130	0.9	25	
Trichlorofluoromethane	10.1		ug/L	10.00		101	70-130	2	25	
Vinyl Acetate	9.19		ug/L	10.00		92	70-130	0.4	25	
Vinyl Chloride	9.97		ug/L	10.00		100	70-130	4	25	
Xylene O	9.72		ug/L	10.00		97	70-130	0.8	25	
Xylene P,M	19.0		ug/L	20.00		95	70-130	3	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0227*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0231*		mg/L	*0.02500*		*92*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0227*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Toluene-d8	*0.0237*		mg/L	*0.02500*		*95*	*70-130*			
Batch BL90815 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90815 - 5030B										
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90815 - 5030B										
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0241*		mg/L	*0.02500*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0233*		mg/L	*0.02500*		*93*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0222*		mg/L	*0.02500*		*89*	*70-130*			
Surrogate: Toluene-d8	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.26		ug/L	10.00		93	70-130			
1,1,1-Trichloroethane	9.58		ug/L	10.00		96	70-130			
1,1,2,2-Tetrachloroethane	9.97		ug/L	10.00		100	70-130			
1,1,2-Trichloroethane	9.78		ug/L	10.00		98	70-130			
1,1-Dichloroethane	9.93		ug/L	10.00		99	70-130			
1,1-Dichloroethene	9.64		ug/L	10.00		96	70-130			
1,1-Dichloropropene	9.46		ug/L	10.00		95	70-130			
1,2,3-Trichlorobenzene	11.5		ug/L	10.00		115	70-130			
1,2,3-Trichloropropane	10.4		ug/L	10.00		104	70-130			
1,2,4-Trichlorobenzene	10.3		ug/L	10.00		103	70-130			
1,2,4-Trimethylbenzene	9.35		ug/L	10.00		94	70-130			
1,2-Dibromo-3-Chloropropane	11.6		ug/L	10.00		116	70-130			
1,2-Dibromoethane	9.44		ug/L	10.00		94	70-130			
1,2-Dichlorobenzene	9.52		ug/L	10.00		95	70-130			
1,2-Dichloroethane	9.83		ug/L	10.00		98	70-130			
1,2-Dichloropropane	9.83		ug/L	10.00		98	70-130			
1,3,5-Trimethylbenzene	9.53		ug/L	10.00		95	70-130			
1,3-Dichlorobenzene	9.60		ug/L	10.00		96	70-130			
1,3-Dichloropropane	10.1		ug/L	10.00		101	70-130			
1,4-Dichlorobenzene	9.75		ug/L	10.00		98	70-130			
1,4-Dioxane - Screen	474		ug/L	200.0		237	0-332			
1-Chlorohexane	8.79		ug/L	10.00		88	70-130			
2,2-Dichloropropane	9.71		ug/L	10.00		97	70-130			
2-Butanone	47.8		ug/L	50.00		96	70-130			
2-Chlorotoluene	9.59		ug/L	10.00		96	70-130			
2-Hexanone	50.0		ug/L	50.00		100	70-130			
4-Chlorotoluene	9.57		ug/L	10.00		96	70-130			
4-Isopropyltoluene	9.24		ug/L	10.00		92	70-130			
4-Methyl-2-Pentanone	49.1		ug/L	50.00		98	70-130			
Acetone	43.5		ug/L	50.00		87	70-130			
Benzene	9.79		ug/L	10.00		98	70-130			
Bromobenzene	9.59		ug/L	10.00		96	70-130			
Bromochloromethane	9.44		ug/L	10.00		94	70-130			
Bromodichloromethane	9.94		ug/L	10.00		99	70-130			
Bromoform	9.27		ug/L	10.00		93	70-130			
Bromomethane	9.14		ug/L	10.00		91	70-130			
Carbon Disulfide	10.6		ug/L	10.00		106	70-130			
Carbon Tetrachloride	9.24		ug/L	10.00		92	70-130			
Chlorobenzene	9.71		ug/L	10.00		97	70-130			
Chloroethane	10.9		ug/L	10.00		109	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham

ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90815 - 5030B										
Chloroform	9.80		ug/L	10.00		98	70-130			
Chloromethane	10.2		ug/L	10.00		102	70-130			
cis-1,2-Dichloroethene	9.47		ug/L	10.00		95	70-130			
cis-1,3-Dichloropropene	9.68		ug/L	10.00		97	70-130			
Dibromochloromethane	9.57		ug/L	10.00		96	70-130			
Dibromomethane	9.40		ug/L	10.00		94	70-130			
Dichlorodifluoromethane	9.11		ug/L	10.00		91	70-130			
Diethyl Ether	9.76		ug/L	10.00		98	70-130			
Di-isopropyl ether	9.70		ug/L	10.00		97	70-130			
Ethyl tertiary-butyl ether	9.29		ug/L	10.00		93	70-130			
Ethylbenzene	9.50		ug/L	10.00		95	70-130			
Hexachlorobutadiene	10.5		ug/L	10.00		105	70-130			
Hexachloroethane	9.71		ug/L	10.00		97	70-130			
Isopropylbenzene	7.82		ug/L	10.00		78	70-130			
Methyl tert-Butyl Ether	9.31		ug/L	10.00		93	70-130			
Methylene Chloride	10.5		ug/L	10.00		105	70-130			
Naphthalene	9.63		ug/L	10.00		96	70-130			
n-Butylbenzene	10.1		ug/L	10.00		101	70-130			
n-Propylbenzene	9.02		ug/L	10.00		90	70-130			
sec-Butylbenzene	9.56		ug/L	10.00		96	70-130			
Styrene	9.51		ug/L	10.00		95	70-130			
tert-Butylbenzene	9.10		ug/L	10.00		91	70-130			
Tertiary-amyl methyl ether	9.35		ug/L	10.00		94	70-130			
Tetrachloroethene	9.22		ug/L	10.00		92	70-130			
Tetrahydrofuran	9.00		ug/L	10.00		90	70-130			
Toluene	9.94		ug/L	10.00		99	70-130			
trans-1,2-Dichloroethene	10.1		ug/L	10.00		101	70-130			
trans-1,3-Dichloropropene	9.11		ug/L	10.00		91	70-130			
Trichloroethene	9.34		ug/L	10.00		93	70-130			
Trichlorofluoromethane	8.52		ug/L	10.00		85	70-130			
Vinyl Acetate	9.13		ug/L	10.00		91	70-130			
Vinyl Chloride	10.0		ug/L	10.00		100	70-130			
Xylene O	9.63		ug/L	10.00		96	70-130			
Xylene P,M	19.3		ug/L	20.00		96	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0240*		mg/L	*0.02500*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0228*		mg/L	*0.02500*		*91*	*70-130*			
Surrogate: Toluene-d8	*0.0235*		mg/L	*0.02500*		*94*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.48		ug/L	10.00		95	70-130	2	25	
1,1,1-Trichloroethane	9.78		ug/L	10.00		98	70-130	2	25	
1,1,2,2-Tetrachloroethane	10.2		ug/L	10.00		102	70-130	2	25	
1,1,2-Trichloroethane	10.0		ug/L	10.00		100	70-130	2	25	
1,1-Dichloroethane	10.1		ug/L	10.00		101	70-130	2	25	
1,1-Dichloroethene	9.63		ug/L	10.00		96	70-130	0.1	25	
1,1-Dichloropropene	9.37		ug/L	10.00		94	70-130	1	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90815 - 5030B										
1,2,3-Trichlorobenzene	10.2		ug/L	10.00		102	70-130	12	25	
1,2,3-Trichloropropane	10.4		ug/L	10.00		104	70-130	0	25	
1,2,4-Trichlorobenzene	9.63		ug/L	10.00		96	70-130	6	25	
1,2,4-Trimethylbenzene	9.46		ug/L	10.00		95	70-130	1	25	
1,2-Dibromo-3-Chloropropane	10.6		ug/L	10.00		106	70-130	8	25	
1,2-Dibromoethane	10.0		ug/L	10.00		100	70-130	6	25	
1,2-Dichlorobenzene	9.55		ug/L	10.00		96	70-130	0.3	25	
1,2-Dichloroethane	10.0		ug/L	10.00		100	70-130	2	25	
1,2-Dichloropropane	10.0		ug/L	10.00		100	70-130	2	25	
1,3,5-Trimethylbenzene	9.35		ug/L	10.00		94	70-130	2	25	
1,3-Dichlorobenzene	9.71		ug/L	10.00		97	70-130	1	25	
1,3-Dichloropropane	10.6		ug/L	10.00		106	70-130	6	25	
1,4-Dichlorobenzene	9.73		ug/L	10.00		97	70-130	0.2	25	
1,4-Dioxane - Screen	242		ug/L	200.0		121	0-332	65	200	
1-Chlorohexane	8.98		ug/L	10.00		90	70-130	2	25	
2,2-Dichloropropane	9.41		ug/L	10.00		94	70-130	3	25	
2-Butanone	49.2		ug/L	50.00		98	70-130	3	25	
2-Chlorotoluene	9.84		ug/L	10.00		98	70-130	3	25	
2-Hexanone	50.2		ug/L	50.00		100	70-130	0.4	25	
4-Chlorotoluene	9.50		ug/L	10.00		95	70-130	0.7	25	
4-Isopropyltoluene	9.05		ug/L	10.00		90	70-130	2	25	
4-Methyl-2-Pentanone	48.9		ug/L	50.00		98	70-130	0.5	25	
Acetone	56.6		ug/L	50.00		113	70-130	26	25	D+
Benzene	9.85		ug/L	10.00		98	70-130	0.6	25	
Bromobenzene	9.77		ug/L	10.00		98	70-130	2	25	
Bromochloromethane	9.50		ug/L	10.00		95	70-130	0.6	25	
Bromodichloromethane	10.0		ug/L	10.00		100	70-130	0.8	25	
Bromoform	9.47		ug/L	10.00		95	70-130	2	25	
Bromomethane	9.36		ug/L	10.00		94	70-130	2	25	
Carbon Disulfide	10.6		ug/L	10.00		106	70-130	0.2	25	
Carbon Tetrachloride	9.38		ug/L	10.00		94	70-130	2	25	
Chlorobenzene	9.85		ug/L	10.00		98	70-130	1	25	
Chloroethane	10.6		ug/L	10.00		106	70-130	3	25	
Chloroform	9.94		ug/L	10.00		99	70-130	1	25	
Chloromethane	9.78		ug/L	10.00		98	70-130	4	25	
cis-1,2-Dichloroethene	9.64		ug/L	10.00		96	70-130	2	25	
cis-1,3-Dichloropropene	9.64		ug/L	10.00		96	70-130	0.4	25	
Dibromochloromethane	9.63		ug/L	10.00		96	70-130	0.6	25	
Dibromomethane	9.52		ug/L	10.00		95	70-130	1	25	
Dichlorodifluoromethane	9.03		ug/L	10.00		90	70-130	0.9	25	
Diethyl Ether	10.4		ug/L	10.00		104	70-130	6	25	
Di-isopropyl ether	9.81		ug/L	10.00		98	70-130	1	25	
Ethyl tertiary-butyl ether	9.70		ug/L	10.00		97	70-130	4	25	
Ethylbenzene	9.60		ug/L	10.00		96	70-130	1	25	
Hexachlorobutadiene	10.6		ug/L	10.00		106	70-130	1	25	
Hexachloroethane	9.87		ug/L	10.00		99	70-130	2	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch BL90815 - 5030B										
Isopropylbenzene	7.80		ug/L	10.00		78	70-130	0.3	25	
Methyl tert-Butyl Ether	9.42		ug/L	10.00		94	70-130	1	25	
Methylene Chloride	10.5		ug/L	10.00		105	70-130	0.1	25	
Naphthalene	8.76		ug/L	10.00		88	70-130	9	25	
n-Butylbenzene	9.48		ug/L	10.00		95	70-130	6	25	
n-Propylbenzene	8.91		ug/L	10.00		89	70-130	1	25	
sec-Butylbenzene	9.53		ug/L	10.00		95	70-130	0.3	25	
Styrene	9.66		ug/L	10.00		97	70-130	2	25	
tert-Butylbenzene	8.88		ug/L	10.00		89	70-130	2	25	
Tertiary-amyl methyl ether	9.52		ug/L	10.00		95	70-130	2	25	
Tetrachloroethene	9.40		ug/L	10.00		94	70-130	2	25	
Tetrahydrofuran	9.41		ug/L	10.00		94	70-130	4	25	
Toluene	9.70		ug/L	10.00		97	70-130	2	25	
trans-1,2-Dichloroethene	9.94		ug/L	10.00		99	70-130	1	25	
trans-1,3-Dichloropropene	8.62		ug/L	10.00		86	70-130	6	25	
Trichloroethene	9.67		ug/L	10.00		97	70-130	3	25	
Trichlorofluoromethane	8.30		ug/L	10.00		83	70-130	3	25	
Vinyl Acetate	9.16		ug/L	10.00		92	70-130	0.3	25	
Vinyl Chloride	9.73		ug/L	10.00		97	70-130	3	25	
Xylene O	9.77		ug/L	10.00		98	70-130	1	25	
Xylene P,M	19.2		ug/L	20.00		96	70-130	0.3	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0240*		mg/L	*0.02500*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0234*		mg/L	*0.02500*		*94*	*70-130*			
Surrogate: Toluene-d8	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

Notes and Definitions

U	Analyte included in the analysis, but not detected
J	Reported between MDL and MRL; Estimated value.
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
C-	Continuing Calibration recovery is below lower control limit (C-).
B+	Blank Spike recovery is above upper control limit (B+).
ND	Analyte NOT DETECTED above the detection limit (LOD for DoD Reports)
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
LOD	Limit of Detection
[CALC]	Calculated Analyte

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 0912038

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: A-179
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine Potable and Non Potable Water: RI002
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited)Potable and Non PotableWater, Solid and Hazardous Waste: 242405
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture Soil Permit: S-54210

Maryland Potable Water: 301
http://www.mde.state.md.us/assets/document/WSP_labs-2009apr20.pdf

South Carolina Volatile Organic Compounds in Potable Water: 78003

CHEMISTRY

A2LA Accredited: Testing Cert # 2864.01
Lead in Paint, Phthalates, Lead in Children's Metals Products (Including Jewelry)
http://www.A2LA.org/dirsearchnew/newsearch.cfm

CPSC ID# 1141
Lead Paint, Lead in Children's Metals Jewelry
http://www.cpsc.gov/cgi-bin/labapplist.aspx

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: Client

ESS Project ID: 09120038
Date Project Due: 12/9/09
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **3.8**		16. Are ESS labels on correct containers?	Yes|No
Iced With: **Ice**		17. Were samples received intact?	Yes|No
6. Was COC included with samples?	Yes	ESS Sample IDs:	
7. Was COC signed and dated by client?	Yes	Sub Lab:	
8. Does the COC match the sample	Yes	Analysis:	
9. Is COC complete and correct?	Yes	TAT:	

18. Was there need to call project manager to discuss status? If yes, please explain.

Only 2 vials received for -15-

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL
2	Yes	40 ml - VOA	3	HCL
3	Yes	40 ml - VOA	3	HCL
4	Yes	40 ml - VOA	3	HCL
5	Yes	40 ml - VOA	3	HCL
6	Yes	40 ml - VOA	3	HCL
7	Yes	40 ml - VOA	3	HCL
8	Yes	40 ml - VOA	3	HCL
9	Yes	40 ml - VOA	3	HCL
10	Yes	40 ml - VOA	3	HCL
11	Yes	40 ml - VOA	3	HCL
12	Yes	40 ml - VOA	3	HCL
13	Yes	40 ml - VOA	3	HCL
14	Yes	40 ml - VOA	3	HCL
15	Yes	40 ml - VOA	~~3~~ 2	HCL
16	Yes	40 ml - VOA	2	HCL

Completed By: _____ Date/Time: 12/2/09
Reviewed By: _____ Date/Time: 12/2/09

09120038-15
Preservative: HCL
0100000000345443

- Unused

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other ____

Is this project for any of the following:
MA-MCP Navy USACE Other ____

Reporting Limits: RI GW A

ESS LAB PROJECT ID: 09/2038

Electronic Deliverable: V Yes ___ No
Format: Excel__ Access__ PDF__ Other EDS

Co. Name	Project #	Project Name (20 Char. or less)
Mactec Engineering & Consulting	36500S0041	Textron-Gorham

Contact Person	Address
Dave ~~Hete~~ Heisleincan	107 Audubon Rd Bld 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeisleine@mactec.com

Circle and/or Write Required Analysis

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 VOA / 624 / 524.2	8021 MTBE/BTEX / 8015 GRO / VPH w/targets	8100 TPH / 8015 DRO	EPH w/PAHs / EPH w/o PAHs / EPH 4 Diesel	8081 Pesticides / 8082 PCB / 608 Pesticides / 608 PCB	8270 SVOA / 625 / PAH 8270	RCRA5 / RCRA8 / PP13 / TAL23	TCLP-RCRA8 / NBC7	MCP-METALS (13) / MCP-METALS (13) w/Hg					
1	12/01/09	09:47		X	GW	GWMW231S	2	3	V	X													
2	12/01/09	10:00		X	GW	GWMW231D	2	3	V	X													
3	12/01/09	11:10		X	GW	GWMW232S	2	3	V	X													
4	12/01/09	11:35		X	GW	GWMW232D	2	3	V	X													
5	12/01/09	12:55		X	GW	GWMW233	2	3	V	X													
6	12/01/09	15:27		X	GW	GWMW230D	2	3	V	Y													
7	12/02/09	09:45		X	GW	GWMW234D	2	3	V	X													
8	12/02/09	10:40		X	GW	GWMW230S	2	3	V	X													
9	12/02/09	12:20		X	GW	PWPDBOS	2	3	V	X													
10	12/02/09	12:35		X	GW	PWPDB01	2	3	V	X													

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present: 2 Yes ___ No
Seals Intact ___ Yes ___ No NA: ___
Cooler Temp: 3.8°C Ice

Internal Use Only
[ ] Pickup
[ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore / Phil Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	12/2	[signature]	12/4 4:40pm				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/28/04 R

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Page 2 of 2

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA
ESS LAB PROJECT ID: 091038
Electronic Deliverable ___ Yes ___ No
Format: Excel ✓ Access ___ PDF ___ Other EDP

Co. Name	Project #	Project Name (20 Char. or less)
MACTEC Engineering	3650050011	Textron - Gorham

Contact Person	Address
Dave Heistein (PM)	107 Audubon Rd Bld 2 Suit 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DHeistein@mactec.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis
11	12/2/09	12:50		X	GW	PWPDB02	2	3	✓	X
12	12/2/09	13:10		X	GW	PWPDB03	2	3	✓	X
13	12/2/09	13:20		X	GW	PWPDB04	2	3	✓	X
14	12/2/09	13:30		X	GW	PWPDB06	2	3	✓	X
15	12/2/09	15:50		X	GW	PWPDBTRIP	2	3	✓	X
16	12/2/09	16:00		X	GW	TRIP	2	2	✓	X

Circle and/or Write Required Analysis: 8260 VOA (524.2 / 624); 8021 MTBE/BTEX (VPH w/targets / 8015 GRO); 8100 TPH (8015 DRO); EPH w/o PAHs (EPH w/PAHs); 8081 Pesticides (8082 PCB / 608 Pesticides / 608 PCB); 8270 SVOA (625 / PAH 8270); RCRA5 (RCRA8 / PP13 / TAL23); TCLP-RCRA8 (NBC7); MCP-METALS (13) (MCP-METALS (13) w/Hg); EPH 4 Diesel

Container Type: P-Poly G-Glass S-Sterile V-VOA
Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No
Seals Intact ___ Yes ___ No NA: ___
Cooler Temp: 3.8°C Ice

Internal Use Only
[ ] Pickup
[ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore / Phil Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	12/2						
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 R

VOA
Data Package

VOA
Sample Data

ESS Laboratory

SDG: 0912038

CLASS: MSVOA

METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: ESS Laboratory

SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc.

Project: Textron Gorham

Client Sample Id:	Lab Sample Id:
GWMW231S	0912038-01
GWMW231D	0912038-02
GWMW231D	0912038-02RE1
GWMW232S	0912038-03
GWMW232S	0912038-03RE1
GWMW232D	0912038-04
GWMW232D	0912038-04RE1
GWMW233	0912038-05
GWMW230D	0912038-06
GWMW234D	0912038-07
GWMW230S	0912038-08
GWMW230S	0912038-08RE1
PWPDB0S	0912038-09
PWPDB0S	0912038-09RE1
PWPDB01	0912038-10
PWPDB02	0912038-11
PWPDB03	0912038-12
PWPDB04	0912038-13
PWPDB06	0912038-14
PWPDB06	0912038-14RE1
PWPDBTRIP	0912038-15
TRIP	0912038-16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____ Name: _____

Date: _____ Title: _____

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 0912038

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	0.0002	0.0010	mg/L
1,1,1-Trichloroethane	0.0002	0.0010	mg/L
1,1,2,2-Tetrachloroethane	0.0001	0.0005	mg/L
1,1,2-Trichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethene	0.0003	0.0010	mg/L
1,1-Dichloropropene	0.0002	0.0020	mg/L
1,2,3-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,3-Trichloropropane	0.0003	0.0010	mg/L
1,2,4-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,4-Trimethylbenzene	0.0001	0.0010	mg/L
1,2-Dibromo-3-Chloropropane	0.0010	0.0050	mg/L
1,2-Dibromoethane	0.0002	0.0010	mg/L
1,2-Dichlorobenzene	0.0001	0.0010	mg/L
1,2-Dichloroethane	0.0002	0.0010	mg/L
1,2-Dichloropropane	0.0002	0.0010	mg/L
1,3,5-Trimethylbenzene	0.0001	0.0010	mg/L
1,3-Dichlorobenzene	0.0002	0.0010	mg/L
1,3-Dichloropropane	0.0001	0.0010	mg/L
1,4-Dichlorobenzene	0.0001	0.0010	mg/L
1,4-Dioxane - Screen	0.190	0.500	mg/L
1-Chlorohexane	0.0004	0.0010	mg/L
2,2-Dichloropropane	0.0003	0.0010	mg/L
2-Butanone	0.0058	0.0250	mg/L
2-Chlorotoluene	0.0001	0.0010	mg/L
2-Hexanone	0.0015	0.0100	mg/L
4-Chlorotoluene	0.0001	0.0010	mg/L
4-Isopropyltoluene	0.0001	0.0010	mg/L
4-Methyl-2-Pentanone	0.0016	0.0250	mg/L
Acetone	0.0050	0.0250	mg/L
Benzene	0.0001	0.0010	mg/L
Bromobenzene	0.0002	0.0020	mg/L
Bromochloromethane	0.0003	0.0010	mg/L
Bromodichloromethane	0.0001	0.0006	mg/L
Bromoform	0.0002	0.0010	mg/L
Bromomethane	0.0004	0.0020	mg/L
Carbon Disulfide	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 0912038

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Carbon Tetrachloride	0.0001	0.0010	mg/L
Chlorobenzene	0.0001	0.0010	mg/L
Chloroethane	0.0004	0.0020	mg/L
Chloroform	0.0001	0.0010	mg/L
Chloromethane	0.0002	0.0020	mg/L
cis-1,2-Dichloroethene	0.0002	0.0010	mg/L
cis-1,3-Dichloropropene	0.0002	0.0004	mg/L
Dibromochloromethane	0.0002	0.0010	mg/L
Dibromomethane	0.0003	0.0010	mg/L
Dichlorodifluoromethane	0.0003	0.0020	mg/L
Diethyl Ether	0.0003	0.0010	mg/L
Di-isopropyl ether	0.0002	0.0010	mg/L
Ethyl tertiary-butyl ether	0.0001	0.0010	mg/L
Ethylbenzene	0.0001	0.0010	mg/L
Hexachlorobutadiene	0.0002	0.0006	mg/L
Hexachloroethane	0.0002	0.0010	mg/L
Isopropylbenzene	0.0001	0.0010	mg/L
Methyl tert-Butyl Ether	0.0003	0.0010	mg/L
Methylene Chloride	0.0002	0.0040	mg/L
Naphthalene	0.0002	0.0010	mg/L
n-Butylbenzene	0.0001	0.0010	mg/L
n-Propylbenzene	0.0002	0.0010	mg/L
sec-Butylbenzene	0.0001	0.0010	mg/L
Styrene	0.0001	0.0010	mg/L
tert-Butylbenzene	0.0001	0.0010	mg/L
Tertiary-amyl methyl ether	0.0002	0.0010	mg/L
Tetrachloroethene	0.0002	0.0010	mg/L
Tetrahydrofuran	0.0016	0.0050	mg/L
Toluene	0.0001	0.0010	mg/L
trans-1,2-Dichloroethene	0.0003	0.0010	mg/L
trans-1,3-Dichloropropene	0.0002	0.0004	mg/L
	0.0002	0.0005	mg/L
Trichloroethene	0.0002	0.0010	mg/L
Trichlorofluoromethane	0.0004	0.0010	mg/L
Vinyl Acetate	0.0005	0.0050	mg/L
Vinyl Chloride	0.0002	0.0010	mg/L
Xylene O	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 0912038

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Xylene P,M	0.0002	0.0020	mg/L

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231S

Laboratory: ESS Laboratory | SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 0912038-01 | File ID: M337496.D

Sampled: 12/01/09 09:47 | Prepared: 12/03/09 08:00 | Analyzed: 12/03/09 18:30

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90309 | Sequence: BSL0027 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0014	
75-35-4	1,1-Dichloroethene	1	0.0026	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0003	J
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-01	File ID:	M337496.D
Sampled:	12/01/09 09:47	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 18:30
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0342	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0002	J
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0006	J
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0004	J
104-51-8	n-Butylbenzene	1	0.0003	J
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0004	J
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0104	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0002	J
156-60-5	trans-1,2-Dichloroethene	1	0.0004	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0293	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0203	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0238	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0241	96	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0236	94	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231S

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-01	File ID:	M337496.D
Sampled:	12/01/09 09:47	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 18:30
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2842173	11.93	2976106	11.95	
Chlorobenzene-d5	2027269	17.23	2056242	17.24	
1,4-Dichlorobenzene-D4	792826	21.59	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-02	File ID:	M337497.D
Sampled:	12/01/09 10:00	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 19:02
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0024	
75-35-4	1,1-Dichloroethene	1	0.0014	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0002	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0004	J
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-02	File ID:	M337497.D
Sampled:	12/01/09 10:00	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 19:02
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	10	0.0987	D
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0003	J
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0006	J
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0003	J
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0004	J
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0004	J
156-60-5	trans-1,2-Dichloroethene	1	0.0024	
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0452	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0039	
95-47-6	Xylene O	1	0.0002	J
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0234	94	70 - 130	
4-Bromofluorobenzene	0.02500	0.0239	96	70 - 130	
Dibromofluoromethane	0.02500	0.0222	89	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231D

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-02	File ID:	M337497.D
Sampled:	12/01/09 10:00	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 19:02
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2852302	11.94	2976106	11.95	
Chlorobenzene-d5	2038705	17.22	2056242	17.24	
1,4-Dichlorobenzene-D4	804914	21.57	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-02RE1	File ID:	M337572.D
Sampled:	12/01/09 10:00	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 13:35
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	UD
71-55-6	1,1,1-Trichloroethane	10	0.0100	UD
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	UD
79-00-5	1,1,2-Trichloroethane	10	0.0100	UD
75-34-3	1,1-Dichloroethane	10	0.0022	JD
75-35-4	1,1-Dichloroethene	10	0.0100	UD
563-58-6	1,1-Dichloropropene	10	0.0200	UD
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	UD
96-18-4	1,2,3-Trichloropropane	10	0.0100	UD
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	UD
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	UD
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	UD
106-93-4	1,2-Dibromoethane	10	0.0100	UD
95-50-1	1,2-Dichlorobenzene	10	0.0100	UD
107-06-2	1,2-Dichloroethane	10	0.0100	UD
78-87-5	1,2-Dichloropropane	10	0.0100	UD
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	UD
541-73-1	1,3-Dichlorobenzene	10	0.0100	UD
142-28-9	1,3-Dichloropropane	10	0.0100	UD
106-46-7	1,4-Dichlorobenzene	10	0.0100	UD
123-91-1	1,4-Dioxane - Screen	10	5.00	UD
544-10-5	1-Chlorohexane	10	0.0100	UD
594-20-7	2,2-Dichloropropane	10	0.0100	UD
78-93-3	2-Butanone	10	0.250	UD
95-49-8	2-Chlorotoluene	10	0.0100	UD
591-78-6	2-Hexanone	10	0.100	UD
106-43-4	4-Chlorotoluene	10	0.0100	UD
99-87-6	4-Isopropyltoluene	10	0.0100	UD
108-10-1	4-Methyl-2-Pentanone	10	0.250	UD
67-64-1	Acetone	10	0.250	UD
71-43-2	Benzene	10	0.0100	UD
108-86-1	Bromobenzene	10	0.0200	UD
74-97-5	Bromochloromethane	10	0.0100	UD
75-27-4	Bromodichloromethane	10	0.0060	UD
75-25-2	Bromoform	10	0.0100	UD
74-83-9	Bromomethane	10	0.0200	UD
75-15-0	Carbon Disulfide	10	0.0100	UD
56-23-5	Carbon Tetrachloride	10	0.0100	UD
108-90-7	Chlorobenzene	10	0.0100	UD
75-00-3	Chloroethane	10	0.0200	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-02RE1	File ID:	M337572.D
Sampled:	12/01/09 10:00	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 13:35
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0100	UD
74-87-3	Chloromethane	10	0.0200	UD
156-59-2	cis-1,2-Dichloroethene	10	0.0987	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	UD
124-48-1	Dibromochloromethane	10	0.0100	UD
74-95-3	Dibromomethane	10	0.0100	UD
75-71-8	Dichlorodifluoromethane	10	0.0200	UD
60-29-7	Diethyl Ether	10	0.0100	UD
108-20-3	Di-isopropyl ether	10	0.0100	UD
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	UD
100-41-4	Ethylbenzene	10	0.0100	UD
87-68-3	Hexachlorobutadiene	10	0.0060	UD
67-72-1	Hexachloroethane	10	0.0100	UD
98-82-8	Isopropylbenzene	10	0.0100	UD
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	UD
75-09-2	Methylene Chloride	10	0.0400	UD
91-20-3	Naphthalene	10	0.0100	UD
104-51-8	n-Butylbenzene	10	0.0100	UD
103-65-1	n-Propylbenzene	10	0.0100	UD
135-98-8	sec-Butylbenzene	10	0.0100	UD
100-42-5	Styrene	10	0.0100	UD
98-06-6	tert-Butylbenzene	10	0.0100	UD
994-05-8	Tertiary-amyl methyl ether	10	0.0100	UD
127-18-4	Tetrachloroethene	10	0.0100	UD
109-99-9	Tetrahydrofuran	10	0.0500	UD
108-88-3	Toluene	10	0.0100	UD
156-60-5	trans-1,2-Dichloroethene	10	0.0100	UD
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	UD
79-01-6	Trichloroethene	10	0.0443	D
75-69-4	Trichlorofluoromethane	10	0.0100	UD
108-05-4	Vinyl Acetate	10	0.0500	UD
75-01-4	Vinyl Chloride	10	0.0043	JD
95-47-6	Xylene O	10	0.0100	UD
179601-23-1	Xylene P,M	10	0.0200	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0236	94	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0220	88	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW231D

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-02RE1	File ID:	M337572.D
Sampled:	12/01/09 10:00	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 13:35
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2685671	11.89	2896493	11.89	
Chlorobenzene-d5	1907436	17.17	1941357	17.17	
1,4-Dichlorobenzene-D4	703366	21.54	704355	21.54	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-03	File ID:	M337494.D
Sampled:	12/01/09 11:10	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 17:26
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	20	0.189	D
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0003	J
75-34-3	1,1-Dichloroethane	20	0.0952	D
75-35-4	1,1-Dichloroethene	1	0.0964	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0002	J
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.352	J
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0001	J
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0006	J

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-03	File ID:	M337494.D
Sampled:	12/01/09 11:10	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 17:26
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	20	0.118	D
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0228	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0680	
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	20	1.00	D
75-69-4	Trichlorofluoromethane	1	0.0019	
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0023	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0240	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0228	91	70 - 130	
Toluene-d8	0.02500	0.0244	97	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232S

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-03	File ID:	M337494.D
Sampled:	12/01/09 11:10	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 17:26
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3107886	11.94	2976106	11.95	
Chlorobenzene-d5	2051645	17.22	2056242	17.24	
1,4-Dichlorobenzene-D4	747028	21.58	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-03RE1	File ID:	M337576.D
Sampled:	12/01/09 11:10	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 15:42
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	20	0.0200	UD
71-55-6	1,1,1-Trichloroethane	20	0.189	D
79-34-5	1,1,2,2-Tetrachloroethane	20	0.0100	UD
79-00-5	1,1,2-Trichloroethane	20	0.0200	UD
75-34-3	1,1-Dichloroethane	20	0.0952	D
75-35-4	1,1-Dichloroethene	20	0.0810	D
563-58-6	1,1-Dichloropropene	20	0.0400	UD
87-61-6	1,2,3-Trichlorobenzene	20	0.0200	UD
96-18-4	1,2,3-Trichloropropane	20	0.0200	UD
120-82-1	1,2,4-Trichlorobenzene	20	0.0200	UD
95-63-6	1,2,4-Trimethylbenzene	20	0.0200	UD
96-12-8	1,2-Dibromo-3-Chloropropane	20	0.100	UD
106-93-4	1,2-Dibromoethane	20	0.0200	UD
95-50-1	1,2-Dichlorobenzene	20	0.0200	UD
107-06-2	1,2-Dichloroethane	20	0.0200	UD
78-87-5	1,2-Dichloropropane	20	0.0200	UD
108-67-8	1,3,5-Trimethylbenzene	20	0.0200	UD
541-73-1	1,3-Dichlorobenzene	20	0.0200	UD
142-28-9	1,3-Dichloropropane	20	0.0200	UD
106-46-7	1,4-Dichlorobenzene	20	0.0200	UD
123-91-1	1,4-Dioxane - Screen	20	10.0	UD
544-10-5	1-Chlorohexane	20	0.0200	UD
594-20-7	2,2-Dichloropropane	20	0.0200	UD
78-93-3	2-Butanone	20	0.500	UD
95-49-8	2-Chlorotoluene	20	0.0200	UD
591-78-6	2-Hexanone	20	0.200	UD
106-43-4	4-Chlorotoluene	20	0.0200	UD
99-87-6	4-Isopropyltoluene	20	0.0200	UD
108-10-1	4-Methyl-2-Pentanone	20	0.500	UD
67-64-1	Acetone	20	0.500	UD
71-43-2	Benzene	20	0.0200	UD
108-86-1	Bromobenzene	20	0.0400	UD
74-97-5	Bromochloromethane	20	0.0200	UD
75-27-4	Bromodichloromethane	20	0.0120	UD
75-25-2	Bromoform	20	0.0200	UD
74-83-9	Bromomethane	20	0.0400	UD
75-15-0	Carbon Disulfide	20	0.0200	UD
56-23-5	Carbon Tetrachloride	20	0.0200	UD
108-90-7	Chlorobenzene	20	0.0200	UD
75-00-3	Chloroethane	20	0.0400	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232S

Laboratory: ESS Laboratory | SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 0912038-03RE1 | File ID: M337576.D

Sampled: 12/01/09 11:10 | Prepared: 12/08/09 08:00 | Analyzed: 12/08/09 15:42

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90815 | Sequence: BSL0054 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	20	0.0200	UD
74-87-3	Chloromethane	20	0.0400	UD
156-59-2	cis-1,2-Dichloroethene	20	0.118	D
10061-01-5	cis-1,3-Dichloropropene	20	0.0080	UD
124-48-1	Dibromochloromethane	20	0.0200	UD
74-95-3	Dibromomethane	20	0.0200	UD
75-71-8	Dichlorodifluoromethane	20	0.0400	UD
60-29-7	Diethyl Ether	20	0.0200	UD
108-20-3	Di-isopropyl ether	20	0.0200	UD
637-92-3	Ethyl tertiary-butyl ether	20	0.0200	UD
100-41-4	Ethylbenzene	20	0.0200	UD
87-68-3	Hexachlorobutadiene	20	0.0120	UD
67-72-1	Hexachloroethane	20	0.0200	UD
98-82-8	Isopropylbenzene	20	0.0200	UD
1634-04-4	Methyl tert-Butyl Ether	20	0.0200	UD
75-09-2	Methylene Chloride	20	0.0800	UD
91-20-3	Naphthalene	20	0.0200	UD
104-51-8	n-Butylbenzene	20	0.0200	UD
103-65-1	n-Propylbenzene	20	0.0200	UD
135-98-8	sec-Butylbenzene	20	0.0200	UD
100-42-5	Styrene	20	0.0200	UD
98-06-6	tert-Butylbenzene	20	0.0200	UD
994-05-8	Tertiary-amyl methyl ether	20	0.0200	UD
127-18-4	Tetrachloroethene	20	0.0184	JD
109-99-9	Tetrahydrofuran	20	0.100	UD
108-88-3	Toluene	20	0.0200	UD
156-60-5	trans-1,2-Dichloroethene	20	0.0562	D
10061-02-6	trans-1,3-Dichloropropene	20	0.0080	UD
79-01-6	Trichloroethene	20	1.00	D
75-69-4	Trichlorofluoromethane	20	0.0200	UD
108-05-4	Vinyl Acetate	20	0.100	UD
75-01-4	Vinyl Chloride	20	0.0200	UD
95-47-6	Xylene O	20	0.0200	UD
179601-23-1	Xylene P,M	20	0.0400	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0241	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0226	91	70 - 130	
Toluene-d8	0.02500	0.0236	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232S

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-03RE1	File ID:	M337576.D
Sampled:	12/01/09 11:10	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 15:42
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2801127	11.88	2896493	11.89	
Chlorobenzene-d5	1970295	17.17	1941357	17.17	
1,4-Dichlorobenzene-D4	703934	21.54	704355	21.54	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-04	File ID:	M337495.D
Sampled:	12/01/09 11:35	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 17:57
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
				Instrument:	VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	10	0.333	D
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0015	
75-34-3	1,1-Dichloroethane	1	0.0317	
75-35-4	1,1-Dichloroethene	1	0.0485	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.219	J
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-04	File ID:	M337495.D
Sampled:	12/01/09 11:35	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 17:57
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0008	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0644	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0008	J
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0034	
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	10	0.601	D
75-69-4	Trichlorofluoromethane	1	0.0044	
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0013	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0240	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0233	93	70 - 130	
Dibromofluoromethane	0.02500	0.0228	91	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232D

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-04	File ID:	M337495.D
Sampled:	12/01/09 11:35	Prepared:	12/03/09 08:00	Analyzed:	12/03/09 17:57
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2996340	11.93	2976106	11.95	
Chlorobenzene-d5	2023452	17.23	2056242	17.24	
1,4-Dichlorobenzene-D4	746555	21.59	744664	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-04RE1	File ID:	M337574.D
Sampled:	12/01/09 11:35	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:39
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	UD
71-55-6	1,1,1-Trichloroethane	10	0.333	D
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	UD
79-00-5	1,1,2-Trichloroethane	10	0.0100	UD
75-34-3	1,1-Dichloroethane	10	0.0360	D
75-35-4	1,1-Dichloroethene	10	0.0511	D
563-58-6	1,1-Dichloropropene	10	0.0200	UD
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	UD
96-18-4	1,2,3-Trichloropropane	10	0.0100	UD
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	UD
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	UD
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	UD
106-93-4	1,2-Dibromoethane	10	0.0100	UD
95-50-1	1,2-Dichlorobenzene	10	0.0100	UD
107-06-2	1,2-Dichloroethane	10	0.0100	UD
78-87-5	1,2-Dichloropropane	10	0.0100	UD
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	UD
541-73-1	1,3-Dichlorobenzene	10	0.0100	UD
142-28-9	1,3-Dichloropropane	10	0.0100	UD
106-46-7	1,4-Dichlorobenzene	10	0.0100	UD
123-91-1	1,4-Dioxane - Screen	10	5.00	UD
544-10-5	1-Chlorohexane	10	0.0100	UD
594-20-7	2,2-Dichloropropane	10	0.0100	UD
78-93-3	2-Butanone	10	0.250	UD
95-49-8	2-Chlorotoluene	10	0.0100	UD
591-78-6	2-Hexanone	10	0.100	UD
106-43-4	4-Chlorotoluene	10	0.0100	UD
99-87-6	4-Isopropyltoluene	10	0.0100	UD
108-10-1	4-Methyl-2-Pentanone	10	0.250	UD
67-64-1	Acetone	10	0.250	UD
71-43-2	Benzene	10	0.0100	UD
108-86-1	Bromobenzene	10	0.0200	UD
74-97-5	Bromochloromethane	10	0.0100	UD
75-27-4	Bromodichloromethane	10	0.0060	UD
75-25-2	Bromoform	10	0.0100	UD
74-83-9	Bromomethane	10	0.0200	UD
75-15-0	Carbon Disulfide	10	0.0100	UD
56-23-5	Carbon Tetrachloride	10	0.0100	UD
108-90-7	Chlorobenzene	10	0.0100	UD
75-00-3	Chloroethane	10	0.0200	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-04RE1	File ID:	M337574.D
Sampled:	12/01/09 11:35	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:39
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0016	JD
74-87-3	Chloromethane	10	0.0200	UD
156-59-2	cis-1,2-Dichloroethene	10	0.0677	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	UD
124-48-1	Dibromochloromethane	10	0.0100	UD
74-95-3	Dibromomethane	10	0.0100	UD
75-71-8	Dichlorodifluoromethane	10	0.0200	UD
60-29-7	Diethyl Ether	10	0.0100	UD
108-20-3	Di-isopropyl ether	10	0.0100	UD
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	UD
100-41-4	Ethylbenzene	10	0.0100	UD
87-68-3	Hexachlorobutadiene	10	0.0060	UD
67-72-1	Hexachloroethane	10	0.0100	UD
98-82-8	Isopropylbenzene	10	0.0100	UD
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	UD
75-09-2	Methylene Chloride	10	0.0400	UD
91-20-3	Naphthalene	10	0.0100	UD
104-51-8	n-Butylbenzene	10	0.0100	UD
103-65-1	n-Propylbenzene	10	0.0100	UD
135-98-8	sec-Butylbenzene	10	0.0100	UD
100-42-5	Styrene	10	0.0100	UD
98-06-6	tert-Butylbenzene	10	0.0100	UD
994-05-8	Tertiary-amyl methyl ether	10	0.0100	UD
127-18-4	Tetrachloroethene	10	0.0100	UD
109-99-9	Tetrahydrofuran	10	0.0500	UD
108-88-3	Toluene	10	0.0100	UD
156-60-5	trans-1,2-Dichloroethene	10	0.0038	JD
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	UD
79-01-6	Trichloroethene	10	0.601	D
75-69-4	Trichlorofluoromethane	10	0.0045	JD
108-05-4	Vinyl Acetate	10	0.0500	UD
75-01-4	Vinyl Chloride	10	0.0100	UD
95-47-6	Xylene O	10	0.0100	UD
179601-23-1	Xylene P,M	10	0.0200	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0236	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0234	94	70 - 130	
Dibromofluoromethane	0.02500	0.0224	89	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW232D

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-04RE1	File ID:	M337574.D
Sampled:	12/01/09 11:35	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:39
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2772580	11.89	2896493	11.89	
Chlorobenzene-d5	1924076	17.18	1941357	17.17	
1,4-Dichlorobenzene-D4	678968	21.54	704355	21.54	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW233

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-05	File ID:	M337511.D
Sampled:	12/01/09 12:55	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 14:02
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0029	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0013	
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW233

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-05	File ID:	M337511.D
Sampled:	12/01/09 12:55	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 14:02
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0011	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0013	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0243	97	70 - 130	
4-Bromofluorobenzene	0.02500	0.0237	95	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW233

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-05	File ID:	M337511.D
Sampled:	12/01/09 12:55	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 14:02
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2807156	11.91	3078478	11.9	
Chlorobenzene-d5	1952076	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	721794	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-06	File ID:	M337512.D
Sampled:	12/01/09 15:27	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 14:34
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0058	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0009	J
75-35-4	1,1-Dichloroethene	1	0.0017	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-06	File ID:	M337512.D
Sampled:	12/01/09 15:27	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 14:34
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0004	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0016	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0002	J
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0344	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0242	97	70 - 130	
4-Bromofluorobenzene	0.02500	0.0233	93	70 - 130	
Dibromofluoromethane	0.02500	0.0226	91	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230D

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-06	File ID:	M337512.D
Sampled:	12/01/09 15:27	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 14:34
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2767423	11.91	3078478	11.9	
Chlorobenzene-d5	1943314	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	705810	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-07	File ID:	M337513.D
Sampled:	12/02/09 09:45	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 15:05
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0120	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0012	
75-34-3	1,1-Dichloroethane	1	0.0037	
75-35-4	1,1-Dichloroethene	1	0.0196	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0002	J
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234D

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-07	File ID:	M337513.D
Sampled:	12/02/09 09:45	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 15:05
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0979	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0043	
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0232	
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0027	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0243	97	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0232	93	70 - 130	
Toluene-d8	0.02500	0.0243	97	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW234D

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-07	File ID:	M337513.D
Sampled:	12/02/09 09:45	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 15:05
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2931705	11.89	3078478	11.9	
Chlorobenzene-d5	1994106	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	714042	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-08	File ID:	M337514.D
Sampled:	12/02/09 10:40	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 15:37
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	20	0.697	D
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	20	0.131	D
75-35-4	1,1-Dichloroethene	1	0.0323	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0024	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230S

Laboratory: ESS Laboratory | SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 0912038-08 | File ID: M337514.D

Sampled: 12/02/09 10:40 | Prepared: 12/04/09 08:00 | Analyzed: 12/04/09 15:37

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90410 | Sequence: BSL0039 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0003	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	20	0.0874	D
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0013	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0004	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	20	0.348	D
75-69-4	Trichlorofluoromethane	1	0.0032	
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0004	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0238	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0238	95	70 - 130	
Dibromofluoromethane	0.02500	0.0231	92	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230S

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-08	File ID:	M337514.D
Sampled:	12/02/09 10:40	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 15:37
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3015481	11.9	3078478	11.9	
Chlorobenzene-d5	2129629	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	803265	21.55	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-08RE1	File ID:	M337577.D
Sampled:	12/02/09 10:40	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 16:14
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	20	0.0200	UD
71-55-6	1,1,1-Trichloroethane	20	0.697	D
79-34-5	1,1,2,2-Tetrachloroethane	20	0.0100	UD
79-00-5	1,1,2-Trichloroethane	20	0.0200	UD
75-34-3	1,1-Dichloroethane	20	0.131	D
75-35-4	1,1-Dichloroethene	20	0.0322	D
563-58-6	1,1-Dichloropropene	20	0.0400	UD
87-61-6	1,2,3-Trichlorobenzene	20	0.0200	UD
96-18-4	1,2,3-Trichloropropane	20	0.0200	UD
120-82-1	1,2,4-Trichlorobenzene	20	0.0200	UD
95-63-6	1,2,4-Trimethylbenzene	20	0.0200	UD
96-12-8	1,2-Dibromo-3-Chloropropane	20	0.100	UD
106-93-4	1,2-Dibromoethane	20	0.0200	UD
95-50-1	1,2-Dichlorobenzene	20	0.0200	UD
107-06-2	1,2-Dichloroethane	20	0.0200	UD
78-87-5	1,2-Dichloropropane	20	0.0200	UD
108-67-8	1,3,5-Trimethylbenzene	20	0.0200	UD
541-73-1	1,3-Dichlorobenzene	20	0.0200	UD
142-28-9	1,3-Dichloropropane	20	0.0200	UD
106-46-7	1,4-Dichlorobenzene	20	0.0200	UD
123-91-1	1,4-Dioxane - Screen	20	10.0	UD
544-10-5	1-Chlorohexane	20	0.0200	UD
594-20-7	2,2-Dichloropropane	20	0.0200	UD
78-93-3	2-Butanone	20	0.500	UD
95-49-8	2-Chlorotoluene	20	0.0200	UD
591-78-6	2-Hexanone	20	0.200	UD
106-43-4	4-Chlorotoluene	20	0.0200	UD
99-87-6	4-Isopropyltoluene	20	0.0200	UD
108-10-1	4-Methyl-2-Pentanone	20	0.500	UD
67-64-1	Acetone	20	0.500	UD
71-43-2	Benzene	20	0.0200	UD
108-86-1	Bromobenzene	20	0.0400	UD
74-97-5	Bromochloromethane	20	0.0200	UD
75-27-4	Bromodichloromethane	20	0.0120	UD
75-25-2	Bromoform	20	0.0200	UD
74-83-9	Bromomethane	20	0.0400	UD
75-15-0	Carbon Disulfide	20	0.0200	UD
56-23-5	Carbon Tetrachloride	20	0.0200	UD
108-90-7	Chlorobenzene	20	0.0200	UD
75-00-3	Chloroethane	20	0.0400	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-08RE1	File ID:	M337577.D
Sampled:	12/02/09 10:40	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 16:14
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	20	0.0200	UD
74-87-3	Chloromethane	20	0.0400	UD
156-59-2	cis-1,2-Dichloroethene	20	0.0874	D
10061-01-5	cis-1,3-Dichloropropene	20	0.0080	UD
124-48-1	Dibromochloromethane	20	0.0200	UD
74-95-3	Dibromomethane	20	0.0200	UD
75-71-8	Dichlorodifluoromethane	20	0.0400	UD
60-29-7	Diethyl Ether	20	0.0200	UD
108-20-3	Di-isopropyl ether	20	0.0200	UD
637-92-3	Ethyl tertiary-butyl ether	20	0.0200	UD
100-41-4	Ethylbenzene	20	0.0200	UD
87-68-3	Hexachlorobutadiene	20	0.0120	UD
67-72-1	Hexachloroethane	20	0.0200	UD
98-82-8	Isopropylbenzene	20	0.0200	UD
1634-04-4	Methyl tert-Butyl Ether	20	0.0200	UD
75-09-2	Methylene Chloride	20	0.0800	UD
91-20-3	Naphthalene	20	0.0200	UD
104-51-8	n-Butylbenzene	20	0.0200	UD
103-65-1	n-Propylbenzene	20	0.0200	UD
135-98-8	sec-Butylbenzene	20	0.0200	UD
100-42-5	Styrene	20	0.0200	UD
98-06-6	tert-Butylbenzene	20	0.0200	UD
994-05-8	Tertiary-amyl methyl ether	20	0.0200	UD
127-18-4	Tetrachloroethene	20	0.0200	UD
109-99-9	Tetrahydrofuran	20	0.100	UD
108-88-3	Toluene	20	0.0200	UD
156-60-5	trans-1,2-Dichloroethene	20	0.0200	UD
10061-02-6	trans-1,3-Dichloropropene	20	0.0080	UD
79-01-6	Trichloroethene	20	0.348	D
75-69-4	Trichlorofluoromethane	20	0.0200	UD
108-05-4	Vinyl Acetate	20	0.100	UD
75-01-4	Vinyl Chloride	20	0.0200	UD
95-47-6	Xylene O	20	0.0200	UD
179601-23-1	Xylene P,M	20	0.0400	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0243	97	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0228	91	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMW230S

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-08RE1	File ID:	M337577.D
Sampled:	12/02/09 10:40	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 16:14
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2703770	11.88	2896493	11.89	
Chlorobenzene-d5	1911359	17.17	1941357	17.17	
1,4-Dichlorobenzene-D4	681031	21.54	704355	21.54	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB0S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-09	File ID:	M337578.D
Sampled:	12/02/09 12:20	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:07
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0011	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0008	J
75-34-3	1,1-Dichloroethane	1	0.0020	
75-35-4	1,1-Dichloroethene	1	0.0028	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	J
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB0S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-09	File ID:	M337578.D
Sampled:	12/02/09 12:20	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:07
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0001	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0473	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0641	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0006	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	10	0.193	D
75-69-4	Trichlorofluoromethane	1	0.0005	J
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0014	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0245	98	70 - 130	
4-Bromofluorobenzene	0.02500	0.0229	92	70 - 130	
Dibromofluoromethane	0.02500	0.0232	93	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB0S

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-09	File ID:	M337578.D
Sampled:	12/02/09 12:20	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:07
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2746743	11.89	2896493	11.89	
Chlorobenzene-d5	1946338	17.17	1941357	17.17	
1,4-Dichlorobenzene-D4	698034	21.54	704355	21.54	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB0S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-09RE1	File ID:	M337573.D
Sampled:	12/02/09 12:20	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:07
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	UD
71-55-6	1,1,1-Trichloroethane	10	0.0100	UD
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	UD
79-00-5	1,1,2-Trichloroethane	10	0.0100	UD
75-34-3	1,1-Dichloroethane	10	0.0022	JD
75-35-4	1,1-Dichloroethene	10	0.0033	JD
563-58-6	1,1-Dichloropropene	10	0.0200	UD
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	UD
96-18-4	1,2,3-Trichloropropane	10	0.0100	UD
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	UD
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	UD
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	UD
106-93-4	1,2-Dibromoethane	10	0.0100	UD
95-50-1	1,2-Dichlorobenzene	10	0.0100	UD
107-06-2	1,2-Dichloroethane	10	0.0100	UD
78-87-5	1,2-Dichloropropane	10	0.0100	UD
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	UD
541-73-1	1,3-Dichlorobenzene	10	0.0100	UD
142-28-9	1,3-Dichloropropane	10	0.0100	UD
106-46-7	1,4-Dichlorobenzene	10	0.0100	UD
123-91-1	1,4-Dioxane - Screen	10	5.00	UD
544-10-5	1-Chlorohexane	10	0.0100	UD
594-20-7	2,2-Dichloropropane	10	0.0100	UD
78-93-3	2-Butanone	10	0.250	UD
95-49-8	2-Chlorotoluene	10	0.0100	UD
591-78-6	2-Hexanone	10	0.100	UD
106-43-4	4-Chlorotoluene	10	0.0100	UD
99-87-6	4-Isopropyltoluene	10	0.0100	UD
108-10-1	4-Methyl-2-Pentanone	10	0.250	UD
67-64-1	Acetone	10	0.250	UD
71-43-2	Benzene	10	0.0100	UD
108-86-1	Bromobenzene	10	0.0200	UD
74-97-5	Bromochloromethane	10	0.0100	UD
75-27-4	Bromodichloromethane	10	0.0060	UD
75-25-2	Bromoform	10	0.0100	UD
74-83-9	Bromomethane	10	0.0200	UD
75-15-0	Carbon Disulfide	10	0.0100	UD
56-23-5	Carbon Tetrachloride	10	0.0100	UD
108-90-7	Chlorobenzene	10	0.0100	UD
75-00-3	Chloroethane	10	0.0200	UD

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB0S

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-09RE1	File ID:	M337573.D
Sampled:	12/02/09 12:20	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:07
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0100	UD
74-87-3	Chloromethane	10	0.0200	UD
156-59-2	cis-1,2-Dichloroethene	10	0.0488	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	UD
124-48-1	Dibromochloromethane	10	0.0100	UD
74-95-3	Dibromomethane	10	0.0100	UD
75-71-8	Dichlorodifluoromethane	10	0.0200	UD
60-29-7	Diethyl Ether	10	0.0100	UD
108-20-3	Di-isopropyl ether	10	0.0100	UD
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	UD
100-41-4	Ethylbenzene	10	0.0100	UD
87-68-3	Hexachlorobutadiene	10	0.0060	UD
67-72-1	Hexachloroethane	10	0.0100	UD
98-82-8	Isopropylbenzene	10	0.0100	UD
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	UD
75-09-2	Methylene Chloride	10	0.0400	UD
91-20-3	Naphthalene	10	0.0100	UD
104-51-8	n-Butylbenzene	10	0.0100	UD
103-65-1	n-Propylbenzene	10	0.0100	UD
135-98-8	sec-Butylbenzene	10	0.0100	UD
100-42-5	Styrene	10	0.0100	UD
98-06-6	tert-Butylbenzene	10	0.0100	UD
994-05-8	Tertiary-amyl methyl ether	10	0.0100	UD
127-18-4	Tetrachloroethene	10	0.0663	D
109-99-9	Tetrahydrofuran	10	0.0500	UD
108-88-3	Toluene	10	0.0100	UD
156-60-5	trans-1,2-Dichloroethene	10	0.0100	UD
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	UD
79-01-6	Trichloroethene	10	0.193	D
75-69-4	Trichlorofluoromethane	10	0.0100	UD
108-05-4	Vinyl Acetate	10	0.0500	UD
75-01-4	Vinyl Chloride	10	0.0100	UD
95-47-6	Xylene O	10	0.0100	UD
179601-23-1	Xylene P,M	10	0.0200	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0240	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB0S

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-09RE1	File ID:	M337573.D
Sampled:	12/02/09 12:20	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 14:07
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2687873	11.89	2896493	11.89	
Chlorobenzene-d5	1920767	17.18	1941357	17.17	
1,4-Dichlorobenzene-D4	675522	21.54	704355	21.54	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB01

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-10	File ID:	M337516.D
Sampled:	12/02/09 12:35	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 16:40
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0009	J

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB01

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-10	File ID:	M337516.D
Sampled:	12/02/09 12:35	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 16:40
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0004	J
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0003	J
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0004	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0234	94	70 - 130	
4-Bromofluorobenzene	0.02500	0.0233	93	70 - 130	
Dibromofluoromethane	0.02500	0.0223	89	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB01

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-10	File ID:	M337516.D
Sampled:	12/02/09 12:35	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 16:40
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2869952	11.89	3078478	11.9	
Chlorobenzene-d5	1981814	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	746783	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB02

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-11	File ID:	M337517.D
Sampled:	12/02/09 12:50	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 17:12
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0024	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB02

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-11	File ID:	M337517.D
Sampled:	12/02/09 12:50	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 17:12
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0002	J
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0002	J
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0003	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0236	94	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB02

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-11	File ID:	M337517.D
Sampled:	12/02/09 12:50	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 17:12
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2781065	11.9	3078478	11.9	
Chlorobenzene-d5	1921000	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	716526	21.55	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB03

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-12	File ID:	M337518.D
Sampled:	12/02/09 13:10	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 17:44
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB03

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-12	File ID:	M337518.D
Sampled:	12/02/09 13:10	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 17:44
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0004	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0239	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0236	95	70 - 130	
Dibromofluoromethane	0.02500	0.0226	90	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB03

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-12	File ID:	M337518.D
Sampled:	12/02/09 13:10	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 17:44
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2861406	11.9	3078478	11.9	
Chlorobenzene-d5	1936033	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	711012	21.55	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB04

Laboratory: ESS Laboratory | SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 0912038-13 | File ID: M337519.D

Sampled: 12/02/09 13:20 | Prepared: 12/04/09 08:00 | Analyzed: 12/04/09 18:15

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90410 | Sequence: BSL0039 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0138	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0081	
75-35-4	1,1-Dichloroethene	1	0.0004	J
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0009	J

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB04

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-13	File ID:	M337519.D
Sampled:	12/02/09 13:20	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 18:15
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0002	J
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0245	98	70 - 130	
4-Bromofluorobenzene	0.02500	0.0239	96	70 - 130	
Dibromofluoromethane	0.02500	0.0230	92	70 - 130	
Toluene-d8	0.02500	0.0237	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB04

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-13	File ID:	M337519.D
Sampled:	12/02/09 13:20	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 18:15
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2743993	11.89	3078478	11.9	
Chlorobenzene-d5	1920059	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	718288	21.54	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB06

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-14	File ID:	M337520.D
Sampled:	12/02/09 13:30	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 18:47
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	10	0.149	D
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0204	
75-35-4	1,1-Dichloroethene	1	0.0010	J
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB06

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-14	File ID:	M337520.D
Sampled:	12/02/09 13:30	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 18:47
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0004	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0236	94	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0222	89	70 - 130	
Toluene-d8	0.02500	0.0240	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB06

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-14	File ID:	M337520.D
Sampled:	12/02/09 13:30	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 18:47
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2935357	11.9	3078478	11.9	
Chlorobenzene-d5	1994452	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	743665	21.55	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB06

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	0912038-14RE1	File ID:	M337575.D
Sampled:	12/02/09 13:30	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 15:10
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	UD
71-55-6	1,1,1-Trichloroethane	10	0.149	D
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	UD
79-00-5	1,1,2-Trichloroethane	10	0.0100	UD
75-34-3	1,1-Dichloroethane	10	0.0226	D
75-35-4	1,1-Dichloroethene	10	0.0100	UD
563-58-6	1,1-Dichloropropene	10	0.0200	UD
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	UD
96-18-4	1,2,3-Trichloropropane	10	0.0100	UD
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	UD
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	UD
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	UD
106-93-4	1,2-Dibromoethane	10	0.0100	UD
95-50-1	1,2-Dichlorobenzene	10	0.0100	UD
107-06-2	1,2-Dichloroethane	10	0.0100	UD
78-87-5	1,2-Dichloropropane	10	0.0100	UD
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	UD
541-73-1	1,3-Dichlorobenzene	10	0.0100	UD
142-28-9	1,3-Dichloropropane	10	0.0100	UD
106-46-7	1,4-Dichlorobenzene	10	0.0100	UD
123-91-1	1,4-Dioxane - Screen	10	5.00	UD
544-10-5	1-Chlorohexane	10	0.0100	UD
594-20-7	2,2-Dichloropropane	10	0.0100	UD
78-93-3	2-Butanone	10	0.250	UD
95-49-8	2-Chlorotoluene	10	0.0100	UD
591-78-6	2-Hexanone	10	0.100	UD
106-43-4	4-Chlorotoluene	10	0.0100	UD
99-87-6	4-Isopropyltoluene	10	0.0100	UD
108-10-1	4-Methyl-2-Pentanone	10	0.250	UD
67-64-1	Acetone	10	0.250	UD
71-43-2	Benzene	10	0.0100	UD
108-86-1	Bromobenzene	10	0.0200	UD
74-97-5	Bromochloromethane	10	0.0100	UD
75-27-4	Bromodichloromethane	10	0.0060	UD
75-25-2	Bromoform	10	0.0100	UD
74-83-9	Bromomethane	10	0.0200	UD
75-15-0	Carbon Disulfide	10	0.0100	UD
56-23-5	Carbon Tetrachloride	10	0.0100	UD
108-90-7	Chlorobenzene	10	0.0100	UD
75-00-3	Chloroethane	10	0.0200	UD

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB06

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-14RE1	File ID:	M337575.D
Sampled:	12/02/09 13:30	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 15:10
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence: BSL0054		Calibration:	0911010	Instrument:	VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0011	JD
74-87-3	Chloromethane	10	0.0200	UD
156-59-2	cis-1,2-Dichloroethene	10	0.0100	UD
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	UD
124-48-1	Dibromochloromethane	10	0.0100	UD
74-95-3	Dibromomethane	10	0.0100	UD
75-71-8	Dichlorodifluoromethane	10	0.0200	UD
60-29-7	Diethyl Ether	10	0.0100	UD
108-20-3	Di-isopropyl ether	10	0.0100	UD
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	UD
100-41-4	Ethylbenzene	10	0.0100	UD
87-68-3	Hexachlorobutadiene	10	0.0060	UD
67-72-1	Hexachloroethane	10	0.0100	UD
98-82-8	Isopropylbenzene	10	0.0100	UD
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	UD
75-09-2	Methylene Chloride	10	0.0400	UD
91-20-3	Naphthalene	10	0.0100	UD
104-51-8	n-Butylbenzene	10	0.0100	UD
103-65-1	n-Propylbenzene	10	0.0100	UD
135-98-8	sec-Butylbenzene	10	0.0100	UD
100-42-5	Styrene	10	0.0100	UD
98-06-6	tert-Butylbenzene	10	0.0100	UD
994-05-8	Tertiary-amyl methyl ether	10	0.0100	UD
127-18-4	Tetrachloroethene	10	0.0100	UD
109-99-9	Tetrahydrofuran	10	0.0500	UD
108-88-3	Toluene	10	0.0100	UD
156-60-5	trans-1,2-Dichloroethene	10	0.0100	UD
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	UD
79-01-6	Trichloroethene	10	0.0100	UD
75-69-4	Trichlorofluoromethane	10	0.0100	UD
108-05-4	Vinyl Acetate	10	0.0500	UD
75-01-4	Vinyl Chloride	10	0.0100	UD
95-47-6	Xylene O	10	0.0100	UD
179601-23-1	Xylene P,M	10	0.0200	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0235	94	70 - 130	
4-Bromofluorobenzene	0.02500	0.0234	93	70 - 130	
Dibromofluoromethane	0.02500	0.0224	89	70 - 130	
Toluene-d8	0.02500	0.0235	94	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDB06

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	0912038-14RE1	File ID:	M337575.D
Sampled:	12/02/09 13:30	Prepared:	12/08/09 08:00	Analyzed:	12/08/09 15:10
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010	Instrument:	VOA MS3

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2777640	11.89	2896493	11.89	
Chlorobenzene-d5	1947891	17.17	1941357	17.17	
1,4-Dichlorobenzene-D4	705388	21.54	704355	21.54	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDBTRIP

Laboratory: ESS Laboratory | SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Aqueous | Laboratory ID: 0912038-15 | File ID: M337521.D

Sampled: 12/01/09 00:00 | Prepared: 12/04/09 08:00 | Analyzed: 12/04/09 19:18

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90410 | Sequence: BSL0039 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0383	
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0003	J
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDBTRIP

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	0912038-15	File ID:	M337521.D
Sampled:	12/01/09 00:00	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 19:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0012	J
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0005	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0242	97	70 - 130	
4-Bromofluorobenzene	0.02500	0.0239	96	70 - 130	
Dibromofluoromethane	0.02500	0.0228	91	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

PWPDBTRIP

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	0912038-15	File ID:	M337521.D
Sampled:	12/01/09 00:00	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 19:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2792424	11.89	3078478	11.9	
Chlorobenzene-d5	1948255	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	747526	21.56	733564	21.55	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

TRIP

Laboratory: ESS Laboratory | SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Aqueous | Laboratory ID: 0912038-16 | File ID: M337510.D

Sampled: 12/01/09 00:00 | Prepared: 12/04/09 08:00 | Analyzed: 12/04/09 13:30

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: BL90410 | Sequence: BSL0039 | Calibration: 0911010 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0010	U
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

TRIP

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	0912038-16	File ID:	M337510.D
Sampled:	12/01/09 00:00	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 13:30
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0010	U
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	1	0.0005	U
79-01-6	Trichloroethene	1	0.0010	U
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0010	U
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0238	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0230	92	70 - 130	
Dibromofluoromethane	0.02500	0.0223	89	70 - 130	
Toluene-d8	0.02500	0.0240	96	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

TRIP

Laboratory:	ESS Laboratory		SDG:	0912038	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Aqueous	Laboratory ID:	0912038-16	File ID:	M337510.D
Sampled:	12/01/09 00:00	Prepared:	12/04/09 08:00	Analyzed:	12/04/09 13:30
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010	Instrument:	VOA MS3

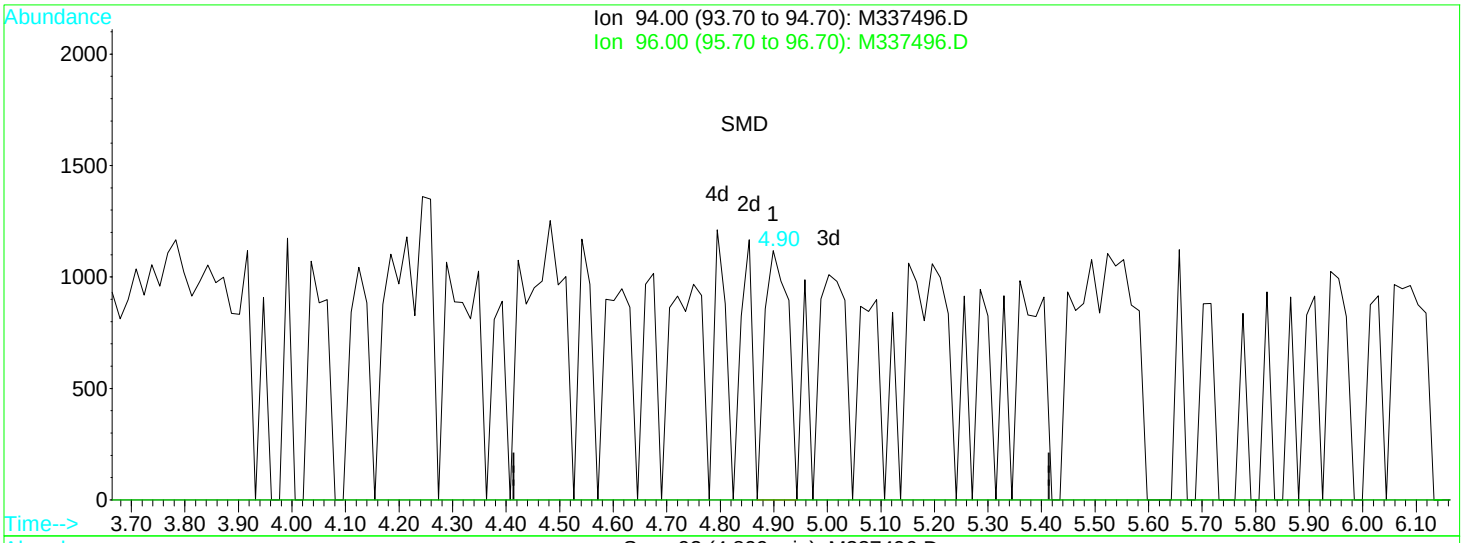
INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2998847	11.9	3078478	11.9	
Chlorobenzene-d5	2018441	17.18	2003916	17.18	
1,4-Dichlorobenzene-D4	725047	21.55	733564	21.55	

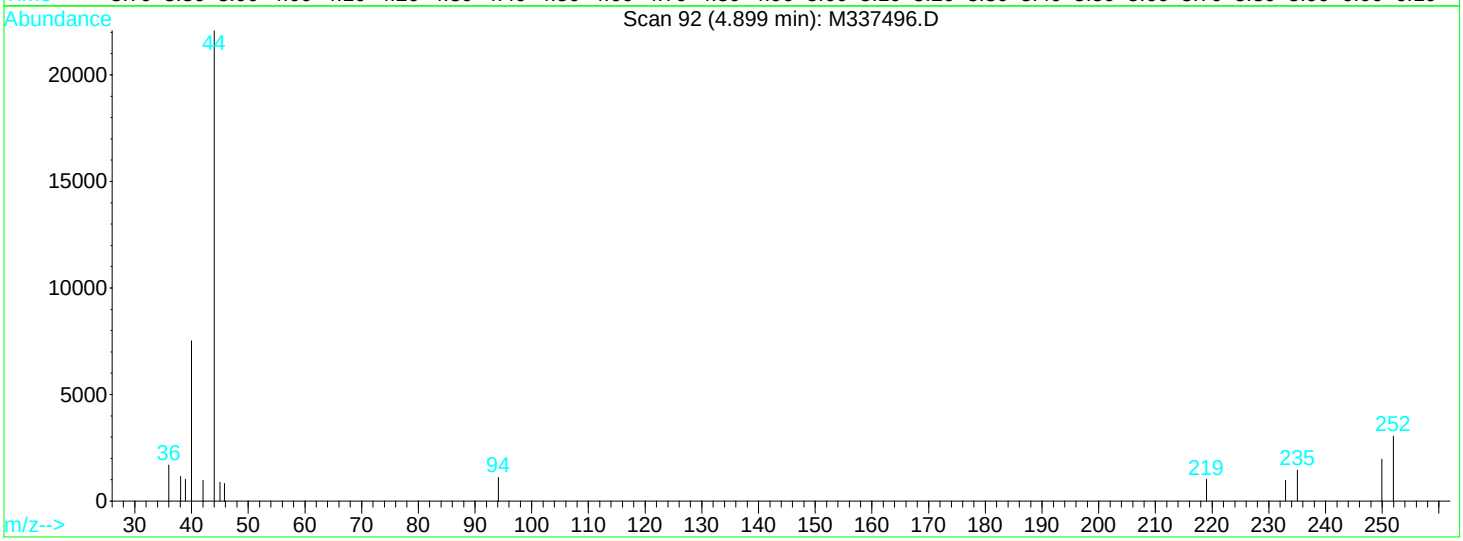
* Values outside of QC limits

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 18:59 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(5) Bromomethane

4.90min 0.20ug/l

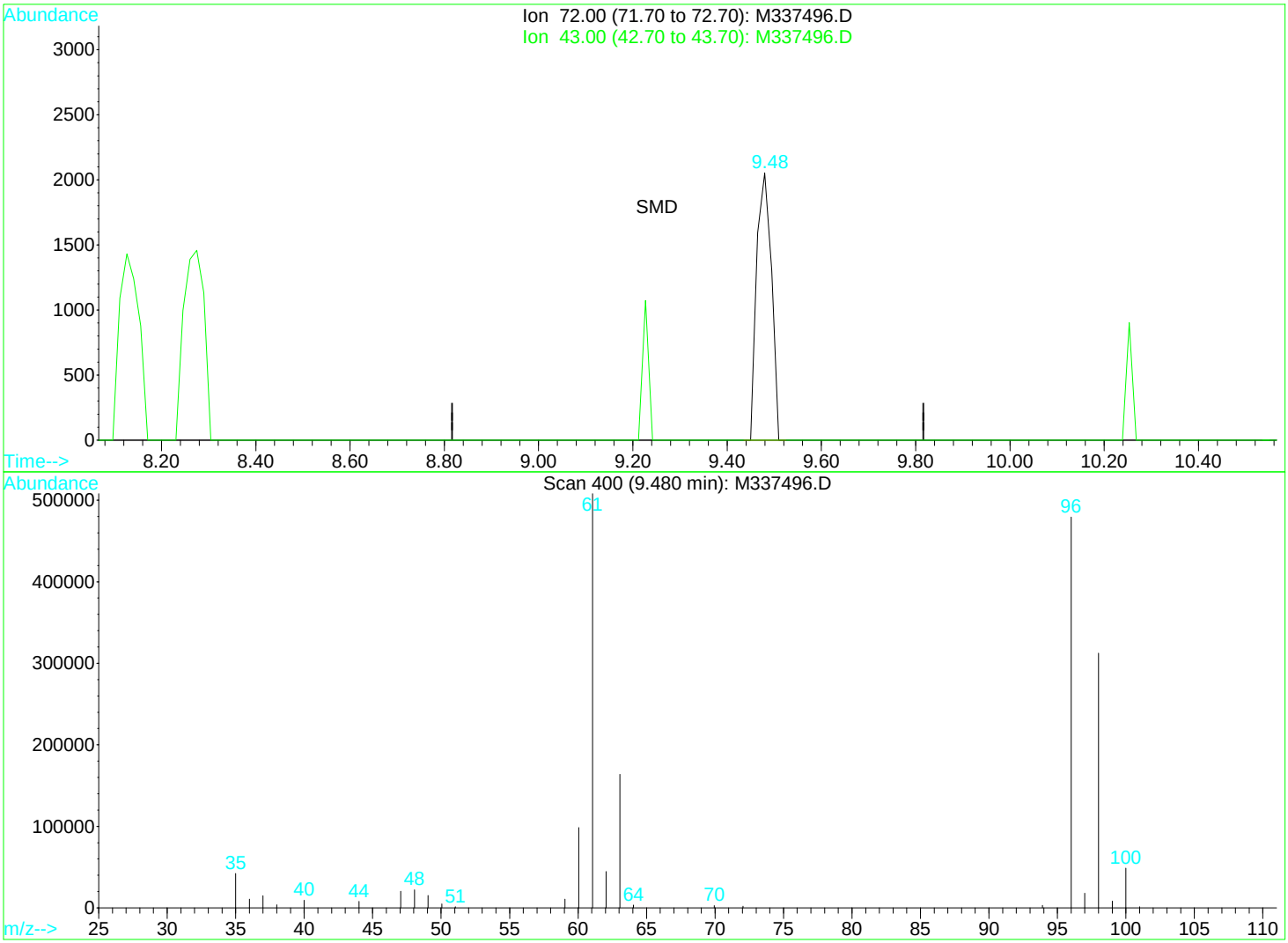
response 3438

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337496.D

(24) 2-Butanone

9.48min 3.28ug/l

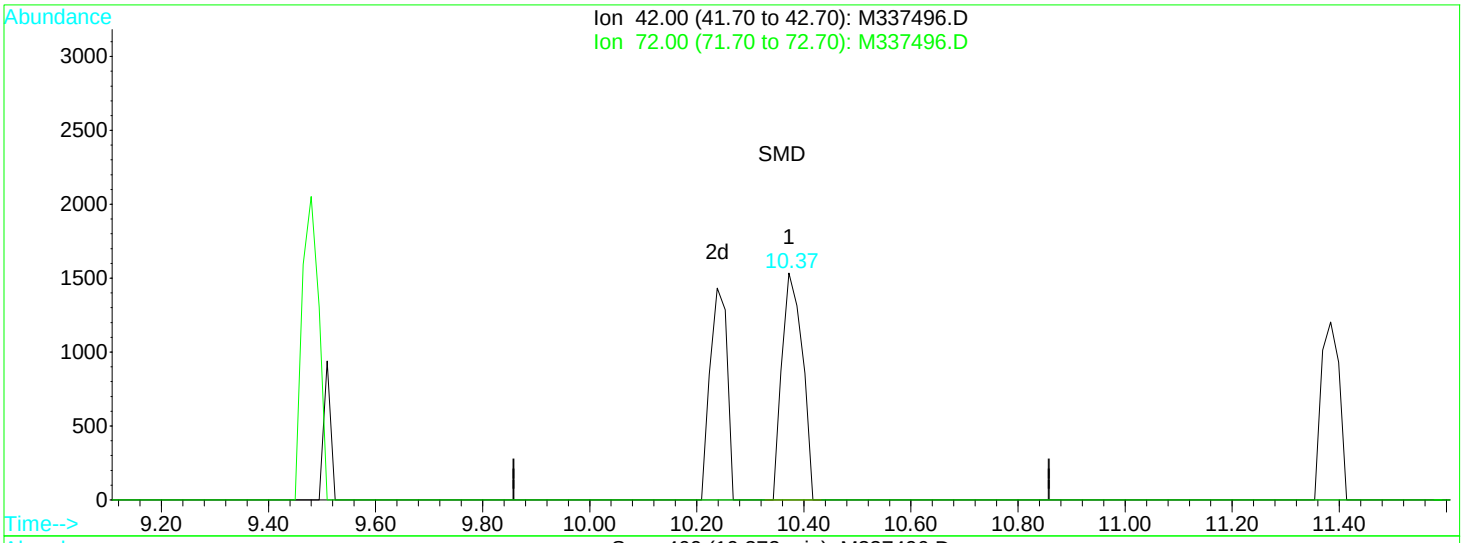
response 4420

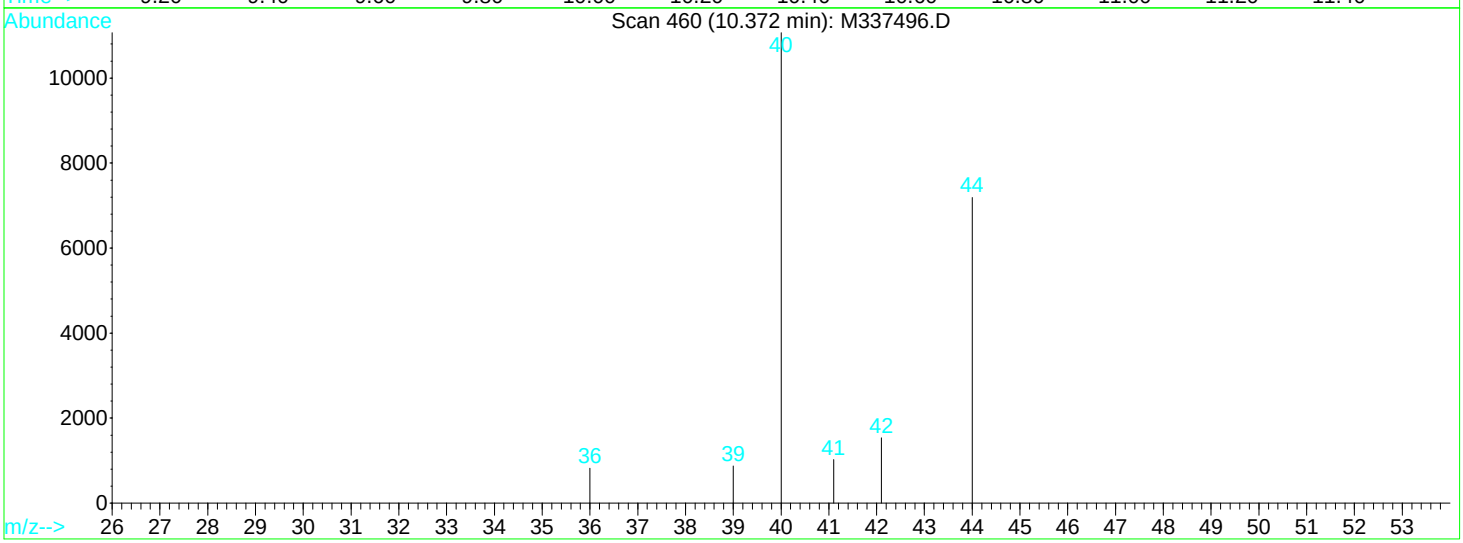
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(32) Tetrahydrofuran

10.37min 0.92ug/l

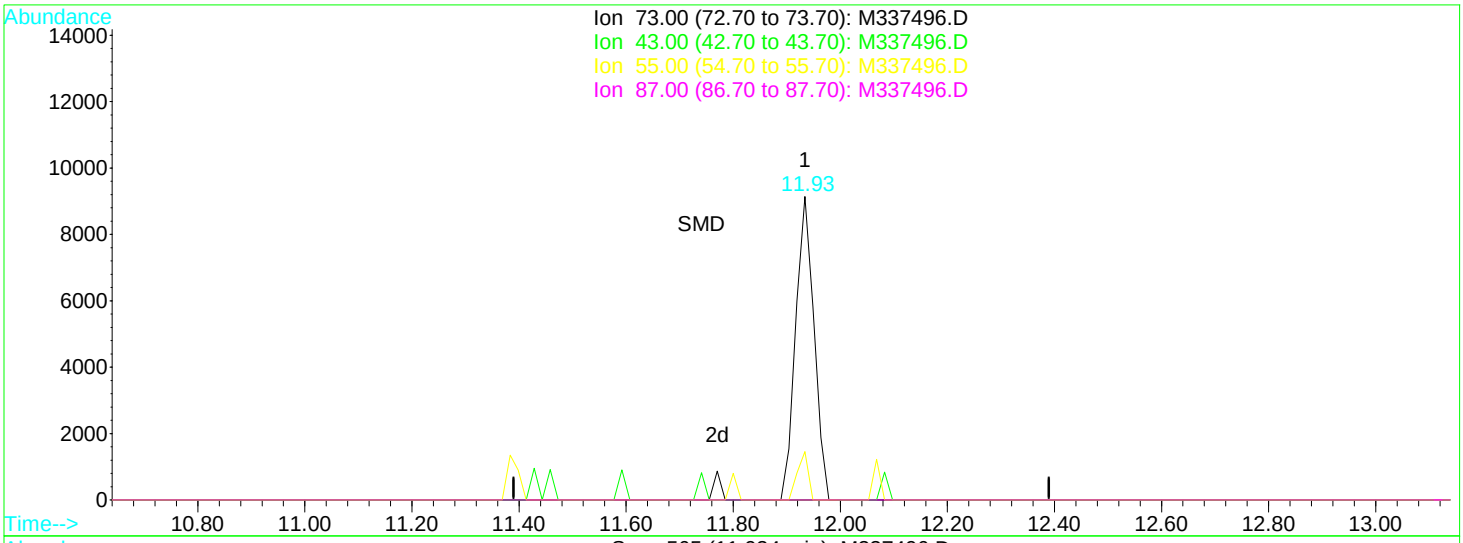
response 4085

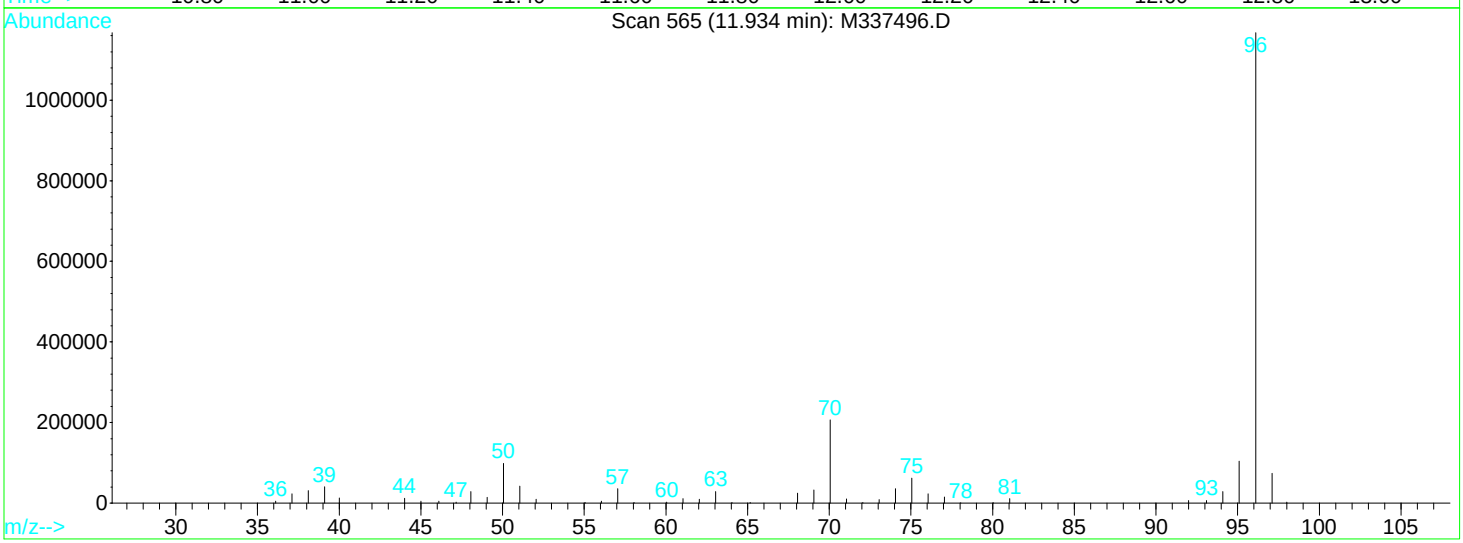
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(43) Tertiary-amyl methyl ether

11.93min 0.49ug/l

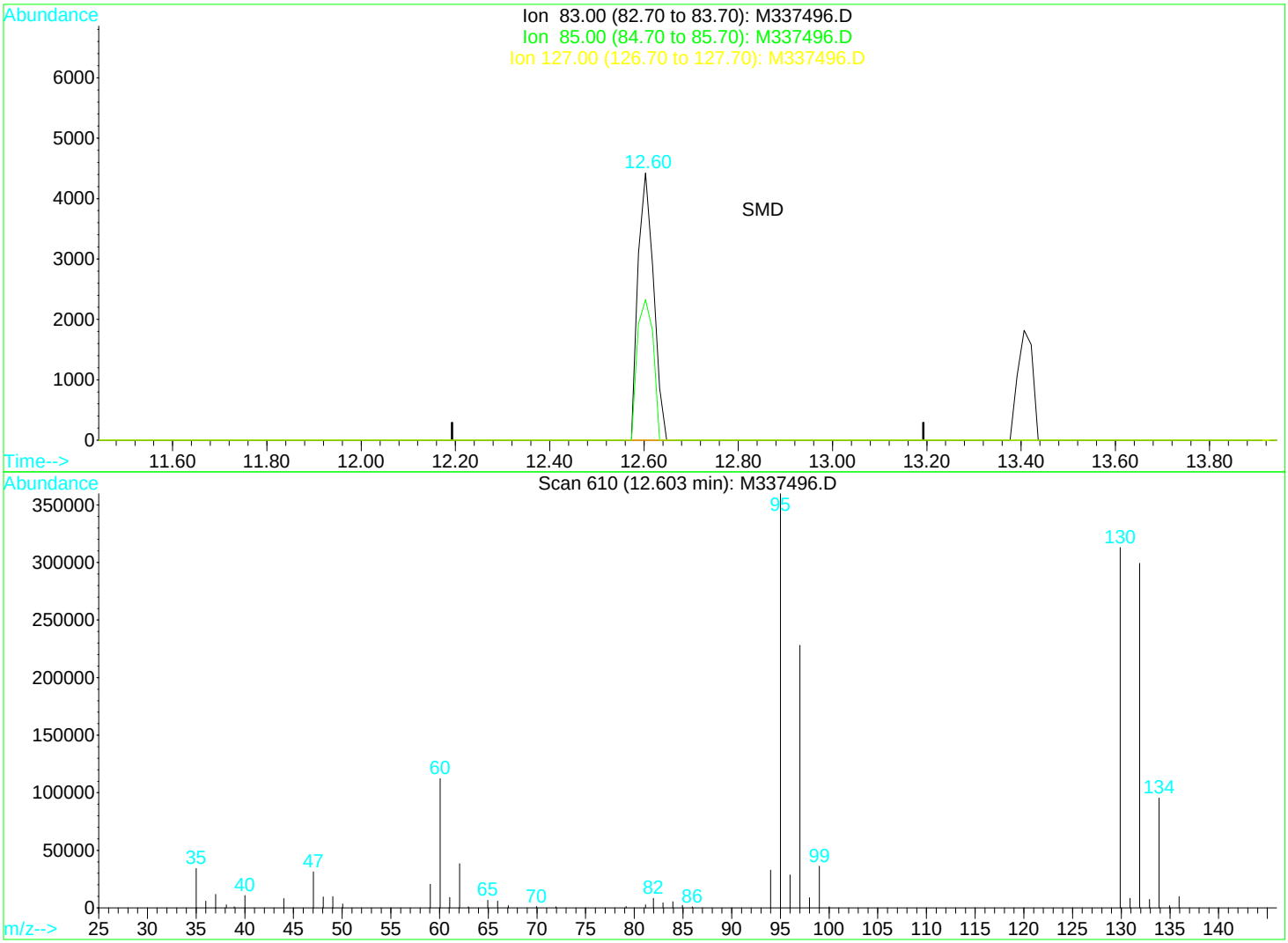
response 21761

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	15.90
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337496.D

(48) Bromodichloromethane

12.60min 0.32ug/l

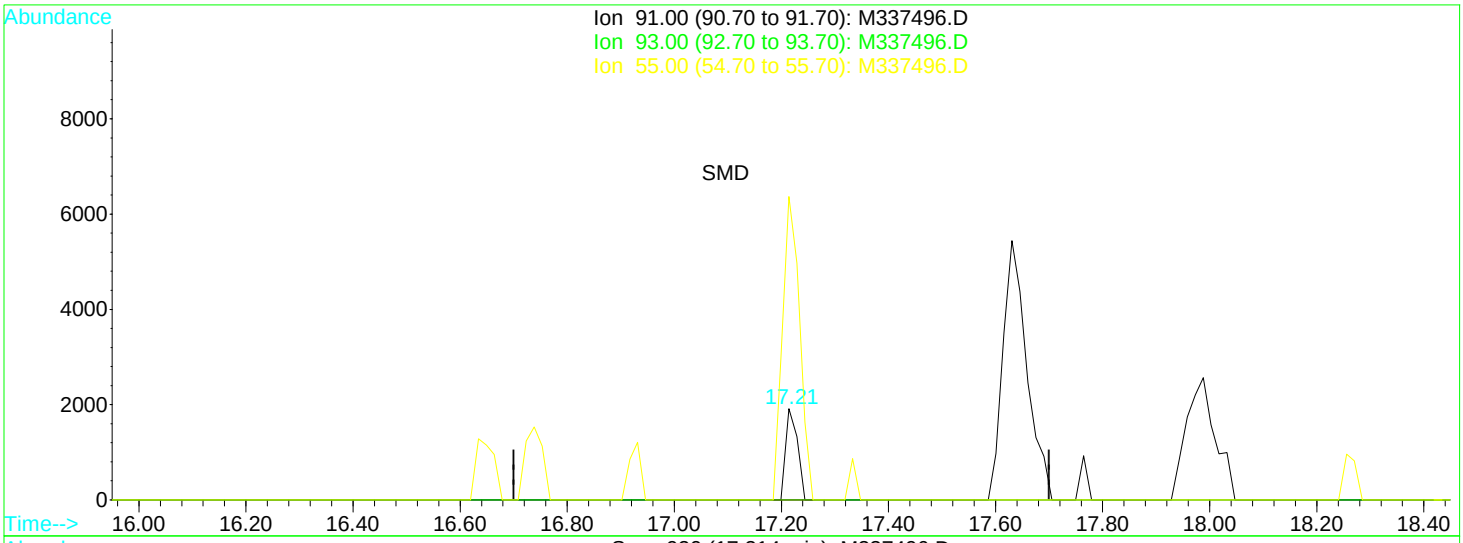
response 10066

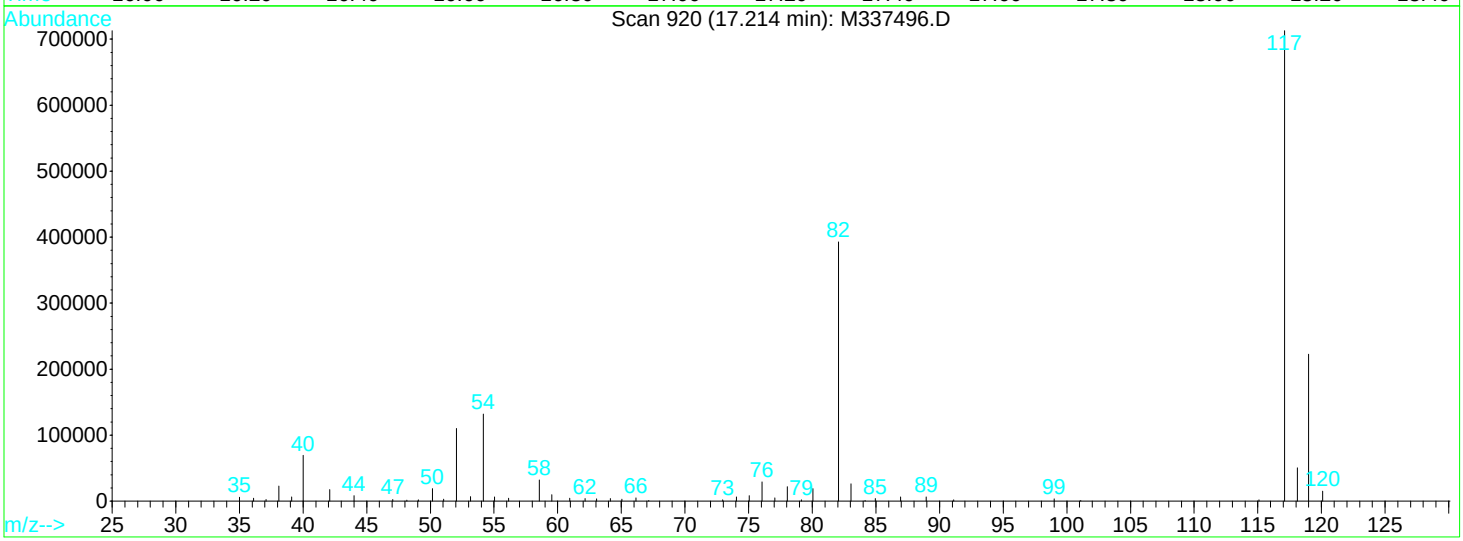
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	52.67
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(66) 1-Chlorohexane

17.21min 0.11ug/l

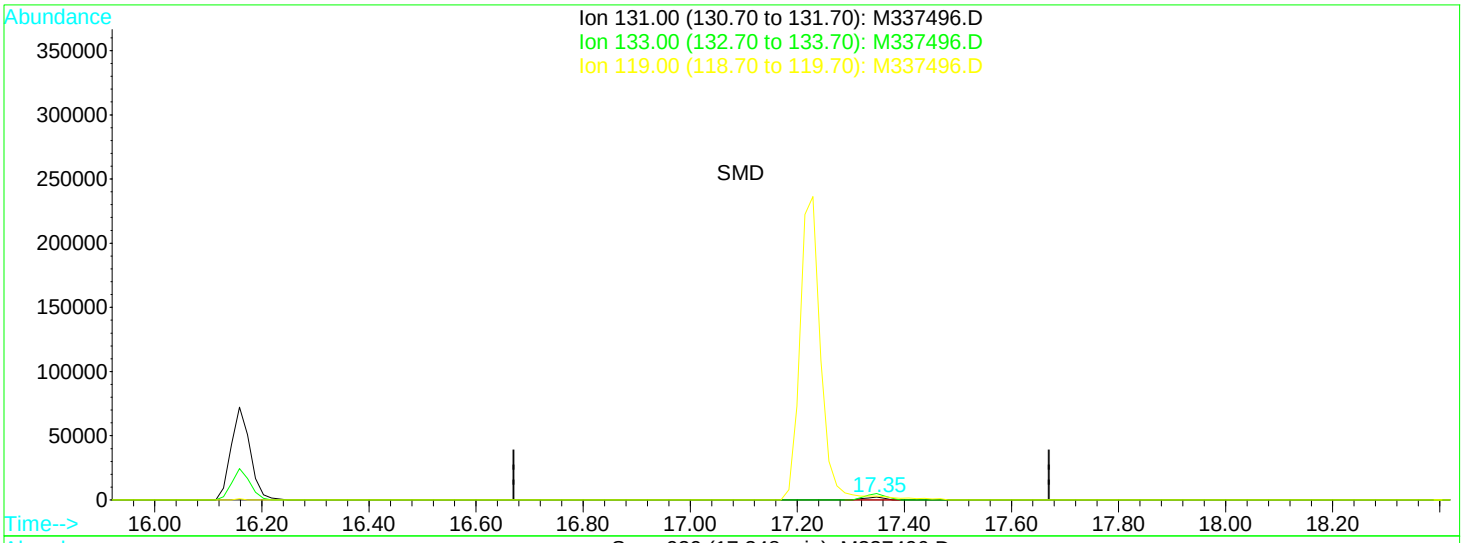
response 2896

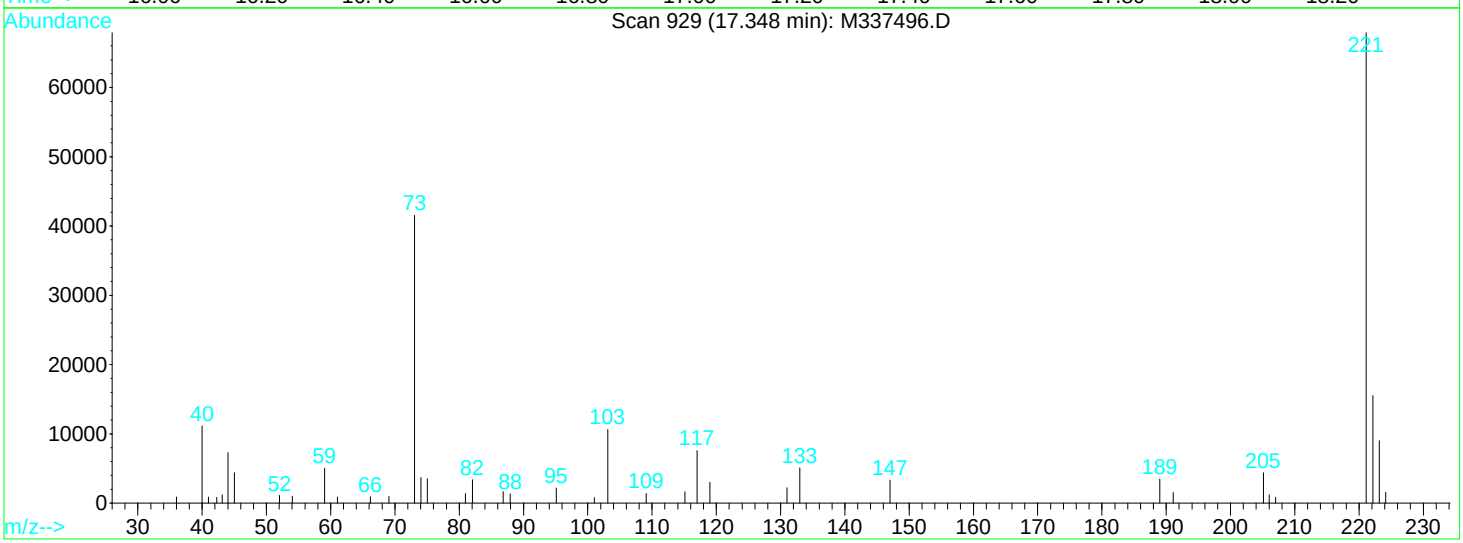
Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	332.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(68) 1,1,1,2-Tetrachloroethane

17.35min 0.22ug/l

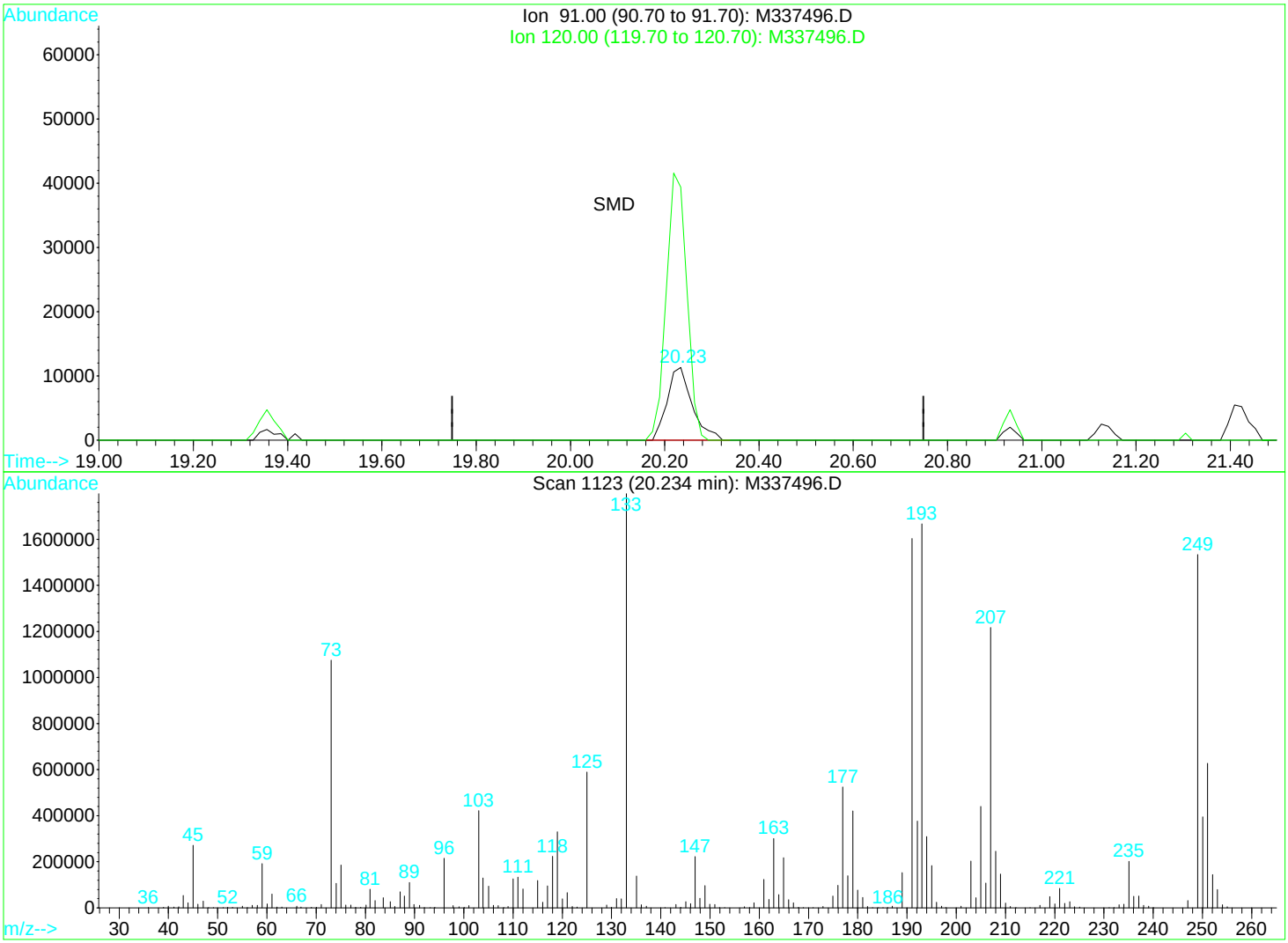
response 5235

Ion	Exp%	Act%
131.00	100	100
133.00	94.60	227.26#
119.00	79.00	133.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337496.D

(82) n-Propylbenzene

20.23min 0.41ug/l

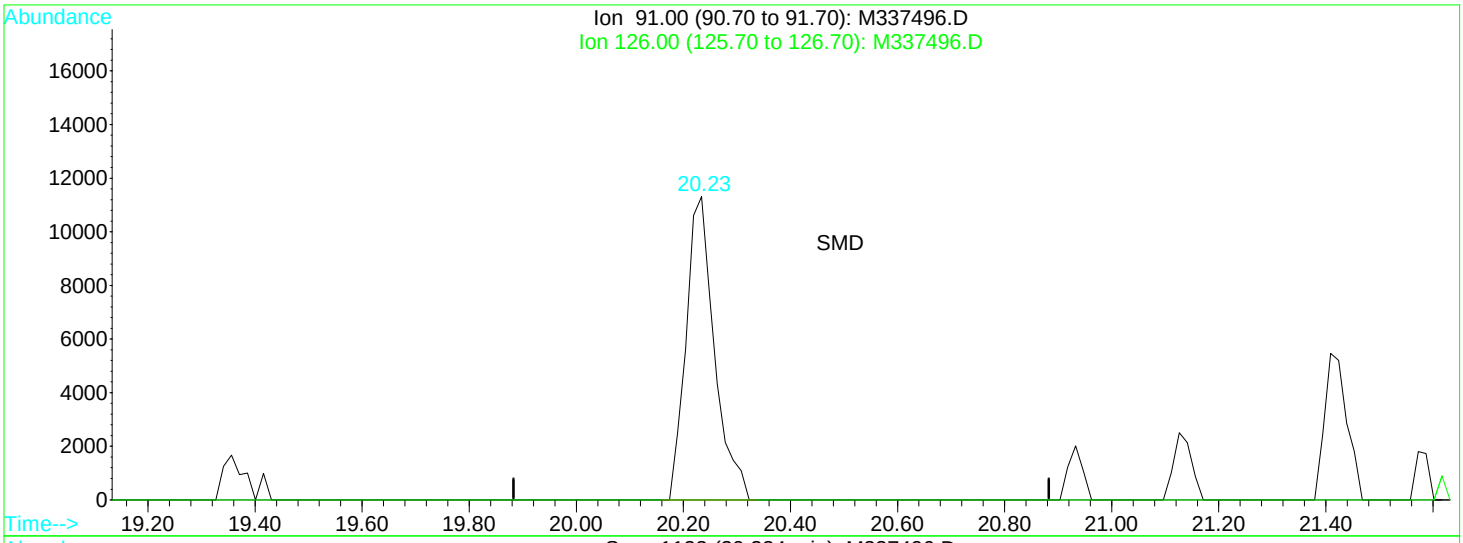
response 41820

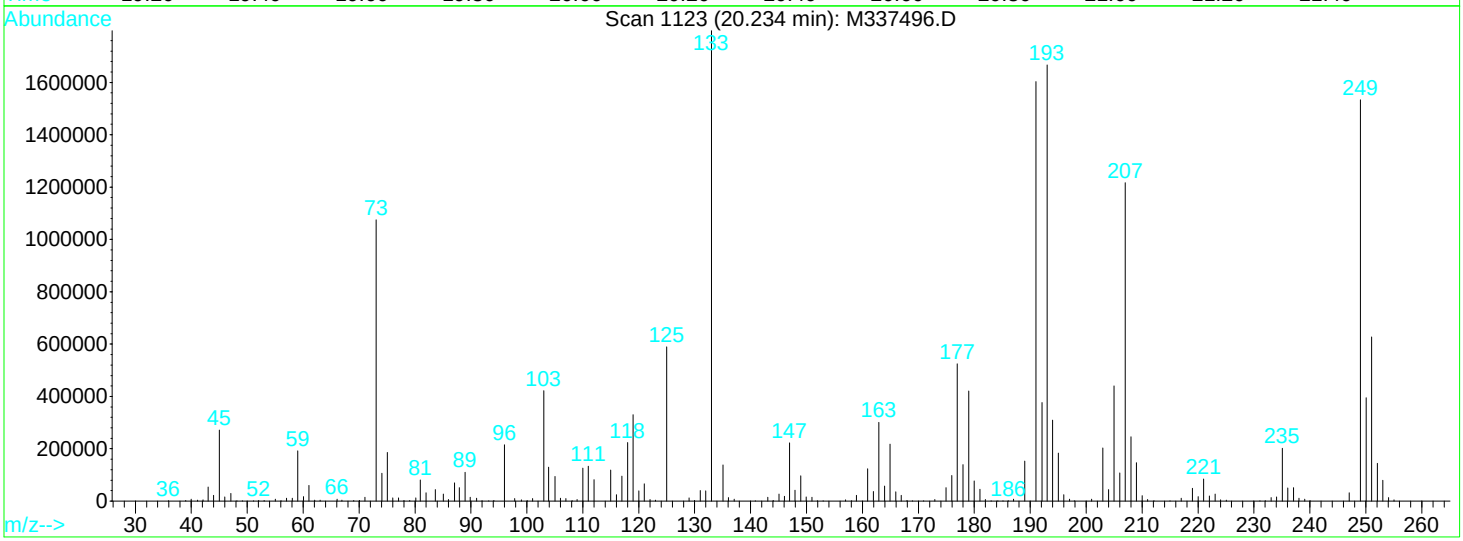
Ion	Exp%	Act%
91.00	100	100
120.00	20.10	348.12#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(83) 2-Chlorotoluene

20.23min 0.57ug/l

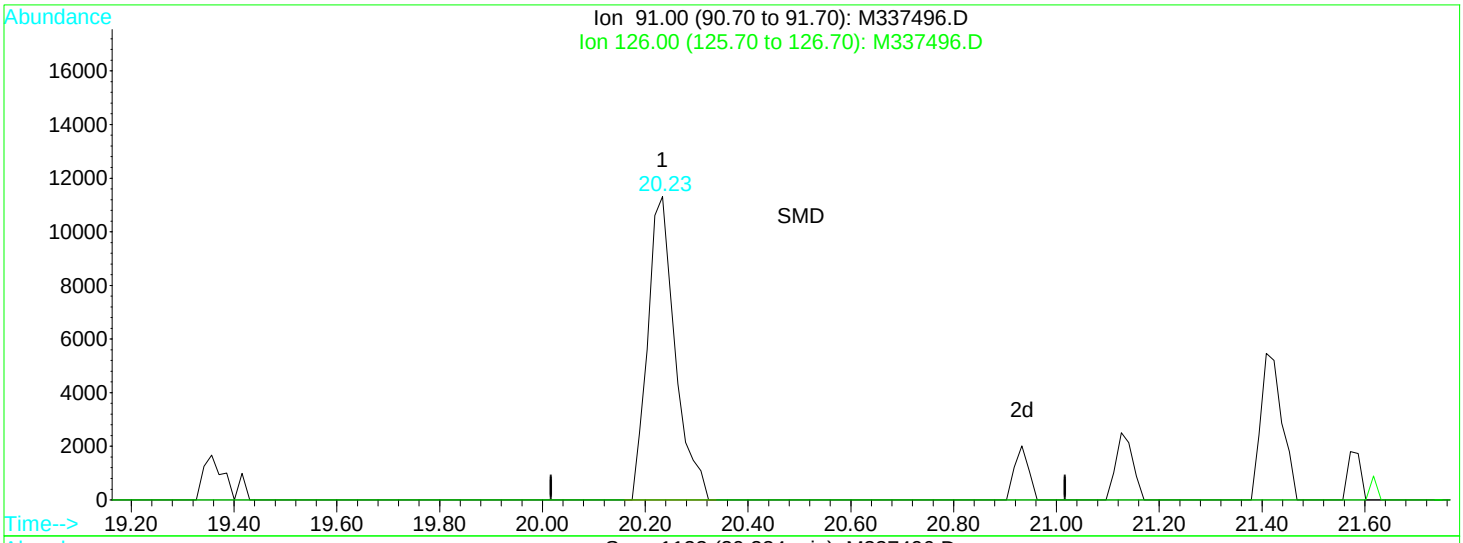
response 41820

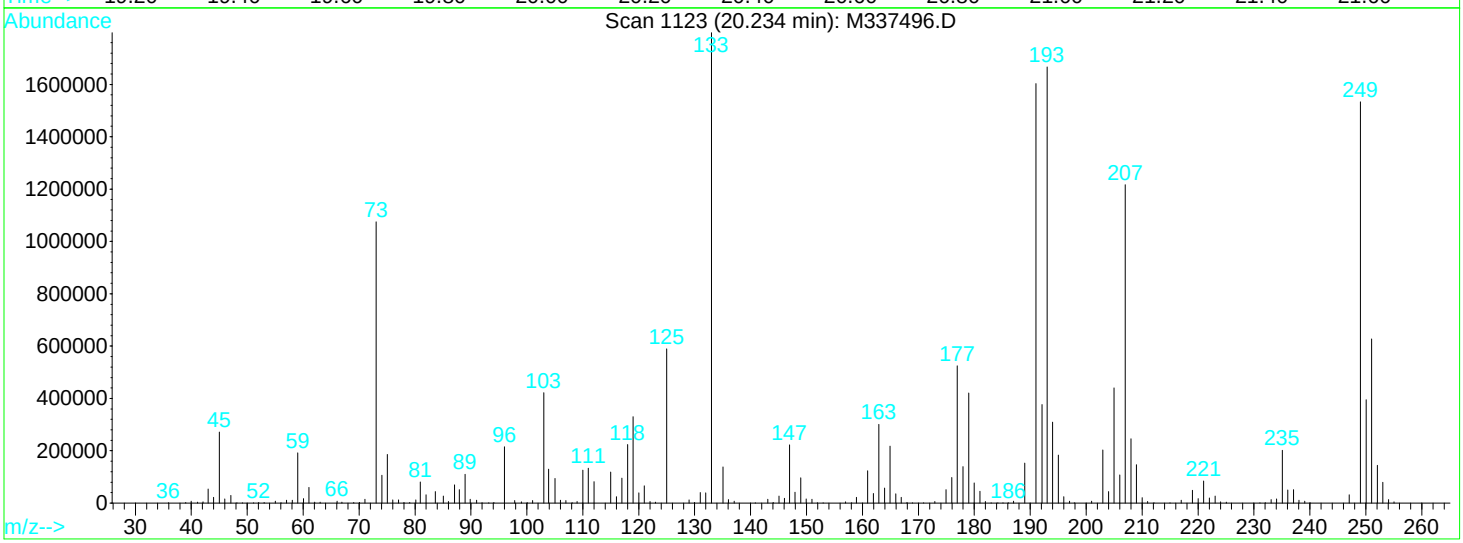
Ion	Exp%	Act%
91.00	100	100
126.00	31.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(84) 4-Chlorotoluene

20.23min 0.55ug/l

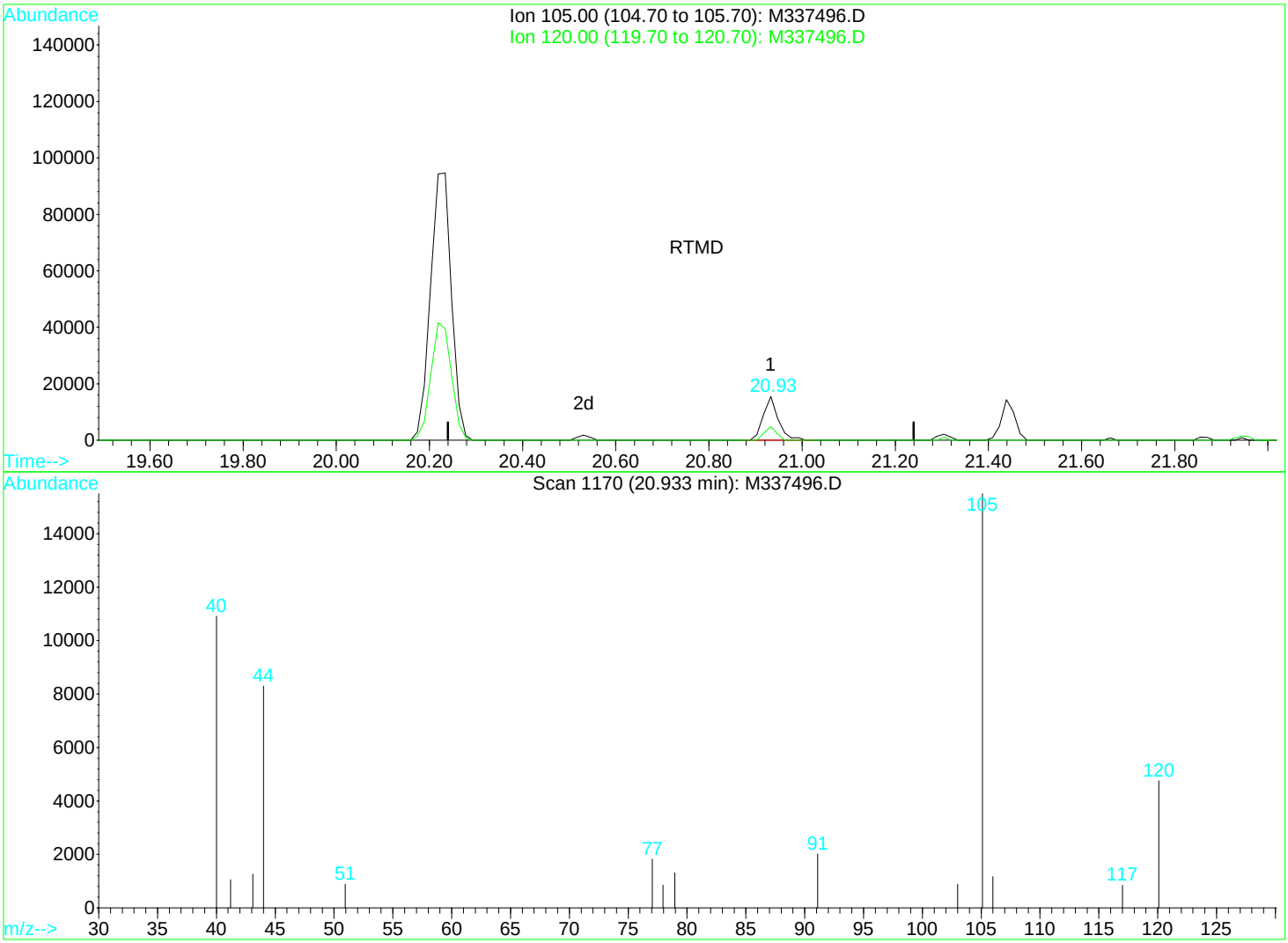
response 41820

Ion	Exp%	Act%
91.00	100	100
126.00	30.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337496.D

(85) 1,3,5-Trimethylbenzene

20.93min 0.48ug/l

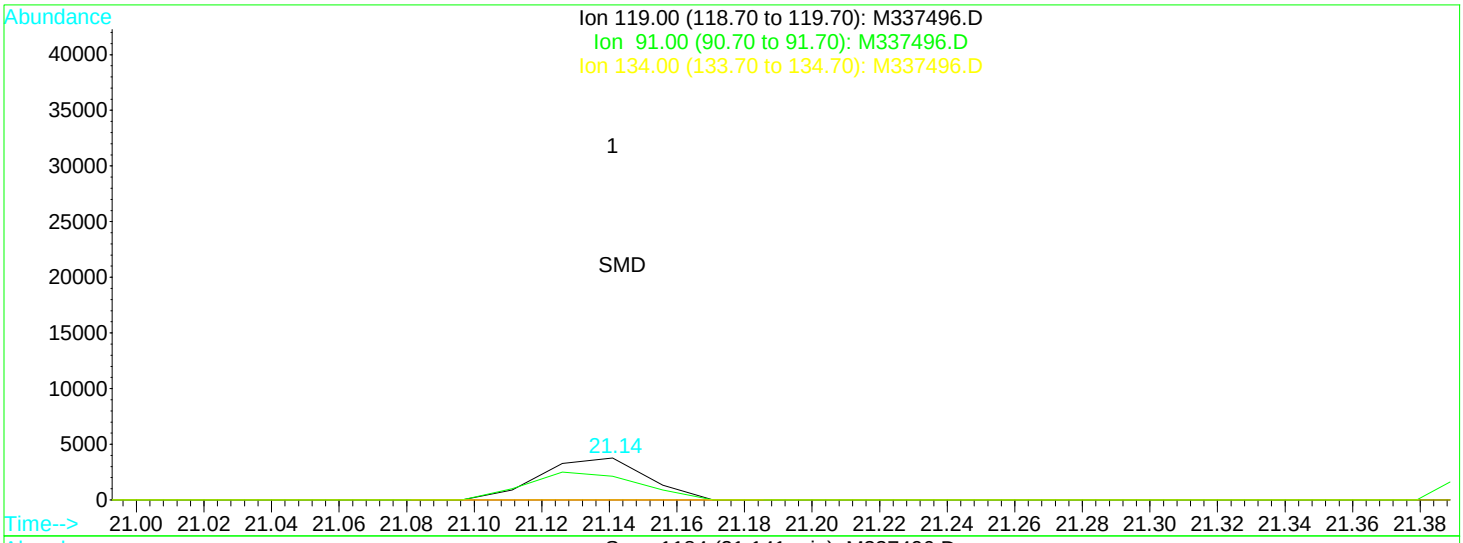
response 34642

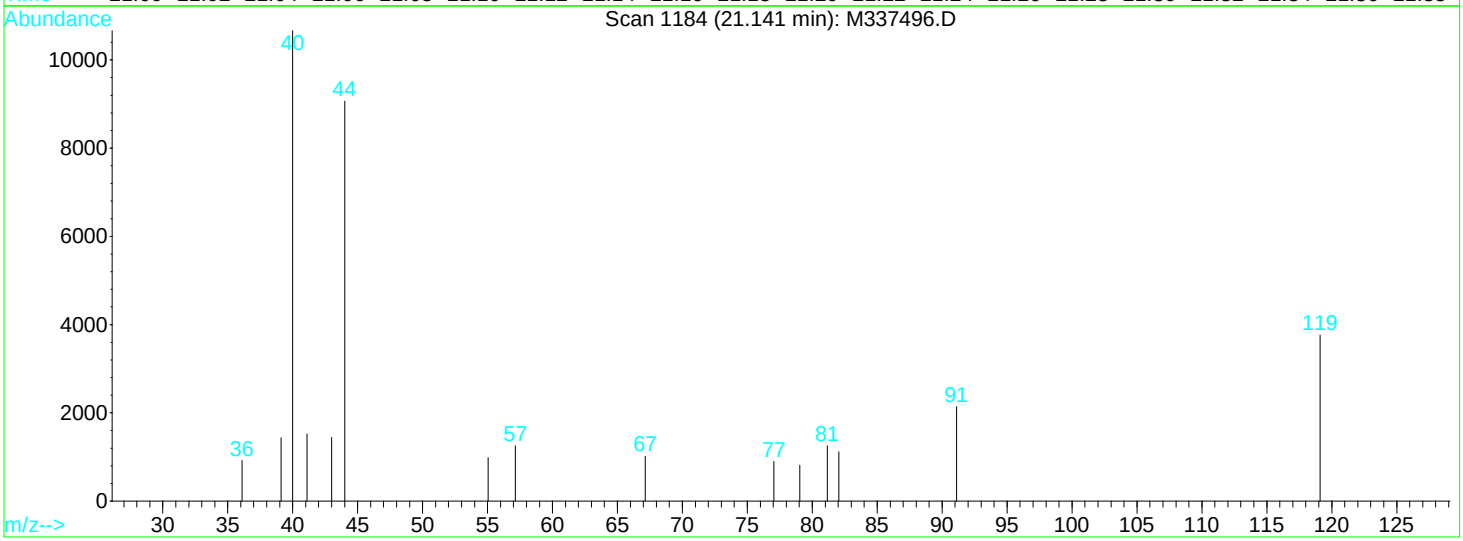
Ion	Exp%	Act%
105.00	100	100
120.00	45.50	30.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:33 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(87) tert-Butylbenzene

21.14min 0.16ug/l

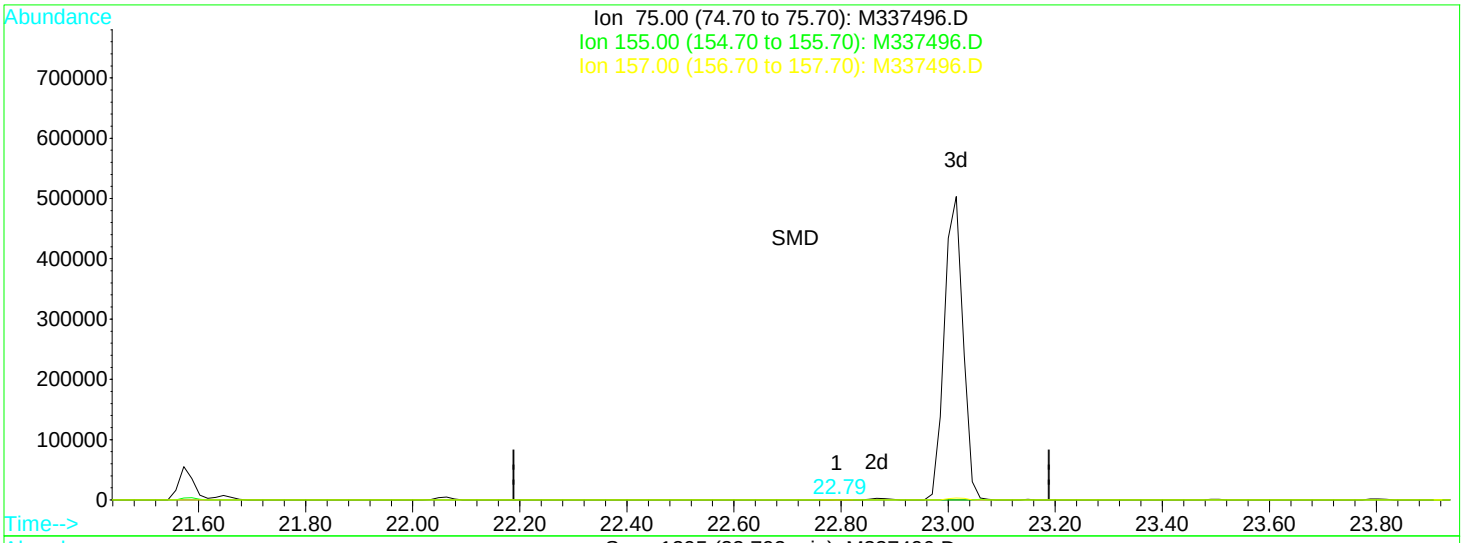
response 8275

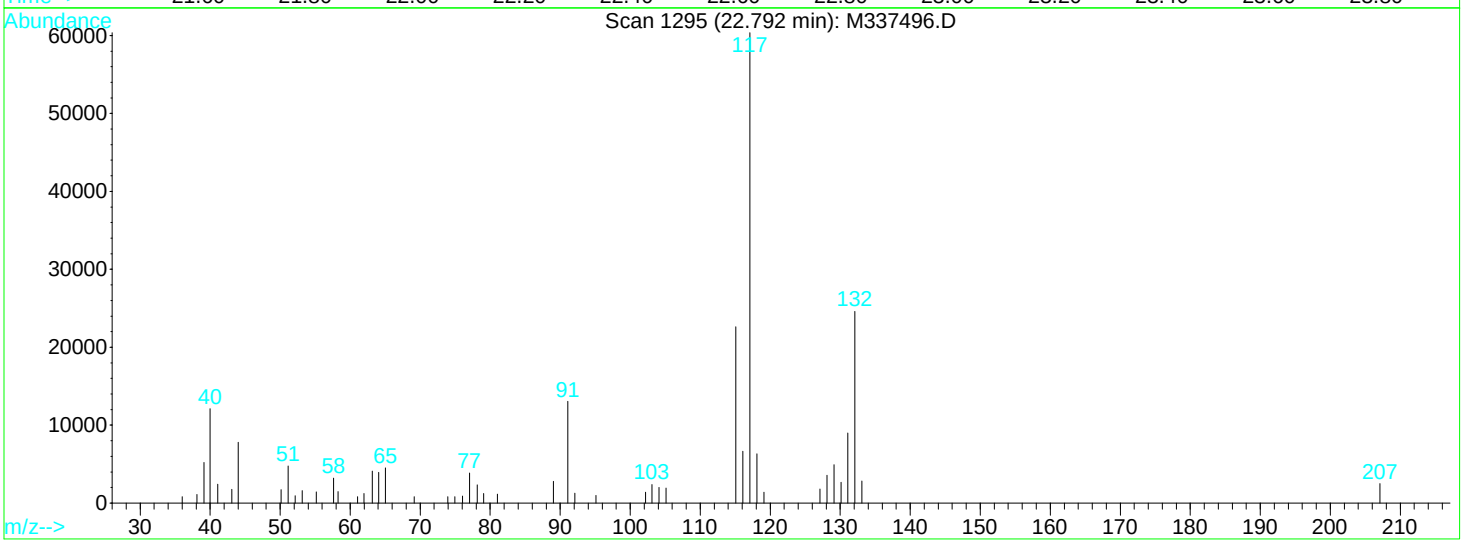
Ion	Exp%	Act%
119.00	100	100
91.00	62.70	56.82
134.00	21.80	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:33 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337496.D

(95) 1,2-Dibromo-3-Chloropropane

22.79min 0.28ug/l

response 737

Ion	Exp%	Act%
75.00	100	100
155.00	83.00	0.00#
157.00	101.70	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:33 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

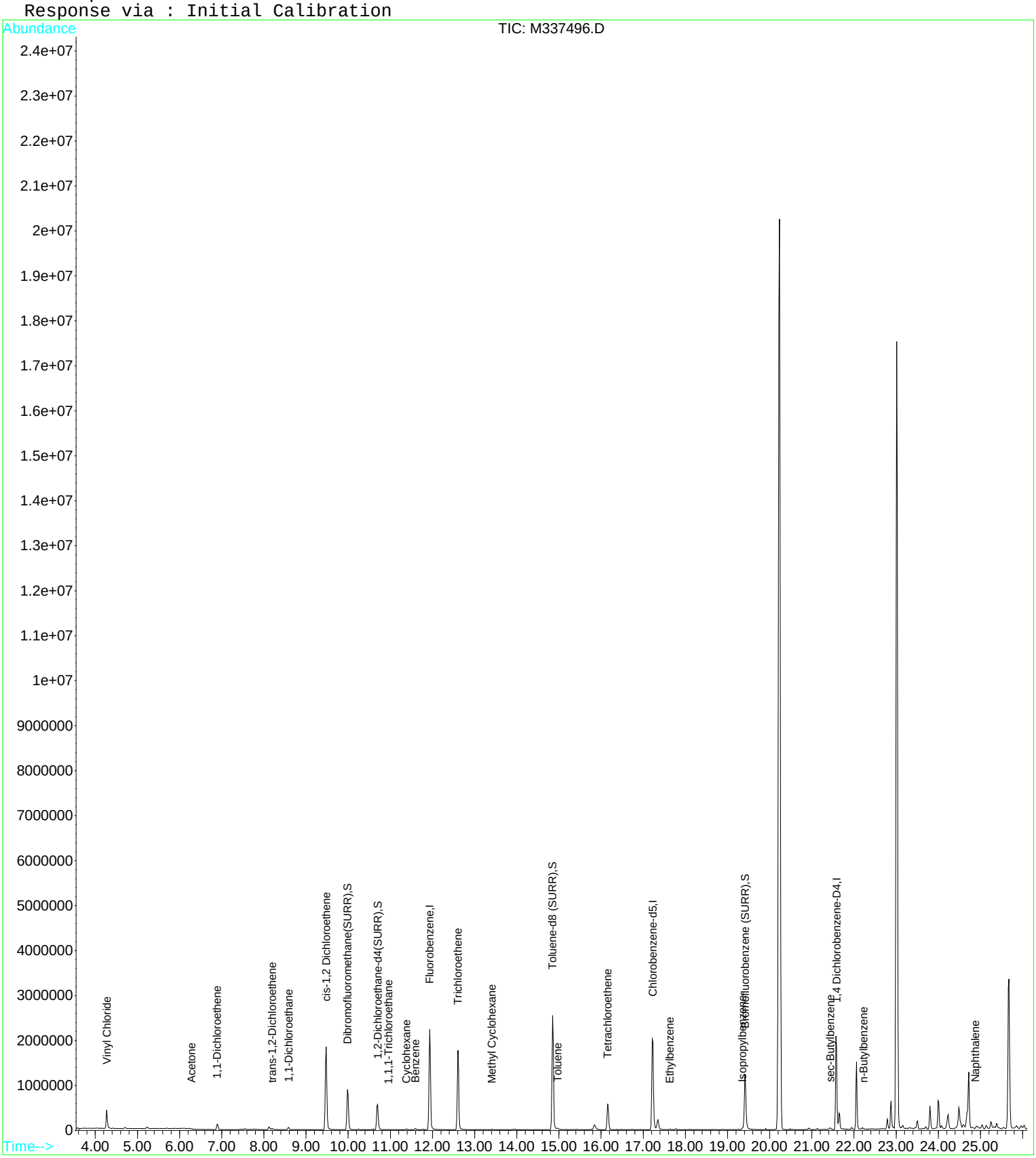
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.93	96	2842173	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.23	117	2027269	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.59	152	792826	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.99	111	787786	22.44	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.76%			
41) 1,2-Dichloroethane-d4(SURR	10.70	65	457708	23.78	ug/l	-0.02
Spiked Amount 25.000			Recovery = 95.12%			
59) Toluene-d8 (SURR)	14.85	98	2466765	23.60	ug/l	-0.03
Spiked Amount 25.000			Recovery = 94.40%			
75) Bromofluorobenzene (SURR)	19.42	95	865360	24.12	ug/l	-0.02
Spiked Amount 25.000			Recovery = 96.48%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.27	62	492299	20.32	ug/l	96
10) Acetone	6.28	58	741	0.63	ug/l #	3
16) 1,1-Dichloroethene	6.89	96	68450	2.58	ug/l	89
20) trans-1,2-Dichloroethene	8.20	96	11944	0.40	ug/l	91
21) 1,1-Dichloroethane	8.59	63	64725	1.44	ug/l	92
27) cis-1,2 Dichloroethene	9.48	96	1176935	34.21	ug/l	98
36) 1,1,1-Trichloroethane	10.95	97	3412	0.11	ug/l #	39
38) Cyclohexane	11.38	56	9133	0.31	ug/l #	75
40) Benzene	11.59	78	33617	0.32	ug/l	100
44) Trichloroethene	12.60	95	868059	29.31	ug/l	95
52) Methyl Cyclohexane	13.41	83	3988	0.17	ug/l	85
57) Toluene	14.97	92	17119	0.25	ug/l	95
63) Tetrachloroethene	16.16	164	197311	10.44	ug/l	98
69) Ethylbenzene	17.63	91	16936	0.15	ug/l	86
79) Isopropylbenzene	19.36	105	53317	0.57	ug/l	94
89) sec-Butylbenzene	21.44	105	29157	0.35	ug/l	100
93) n-Butylbenzene	22.23	91	15575	0.26	ug/l	86
100) Naphthalene	24.87	128	17578	0.44	ug/l	100

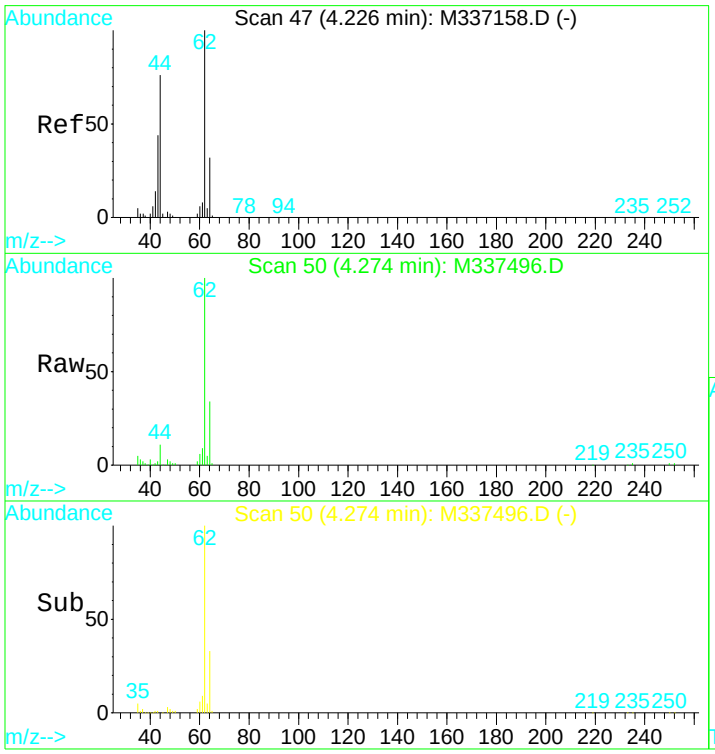
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337496.D Vial: 20
Acq On : 3 Dec 2009 6:30 pm Operator: MD
Sample : 0912038-01 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:33 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

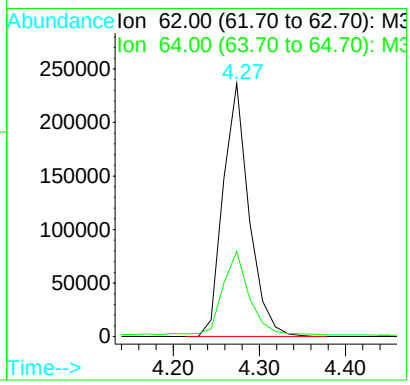


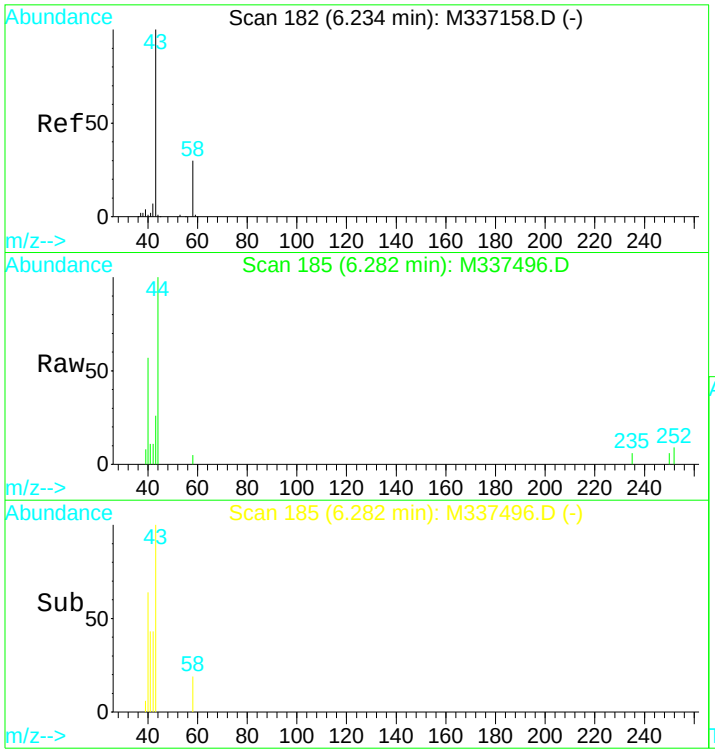


#4
Vinyl Chloride
Concen: 20.32 ug/l
RT: 4.27 min Scan# 50
Delta R.T. -0.00 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 62 Resp: 492299

Ion	Ratio	Lower	Upper
62	100		
64	33.8	1.8	61.8

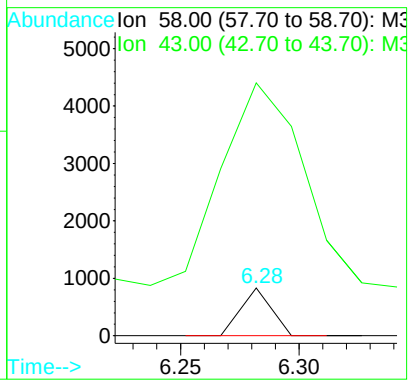


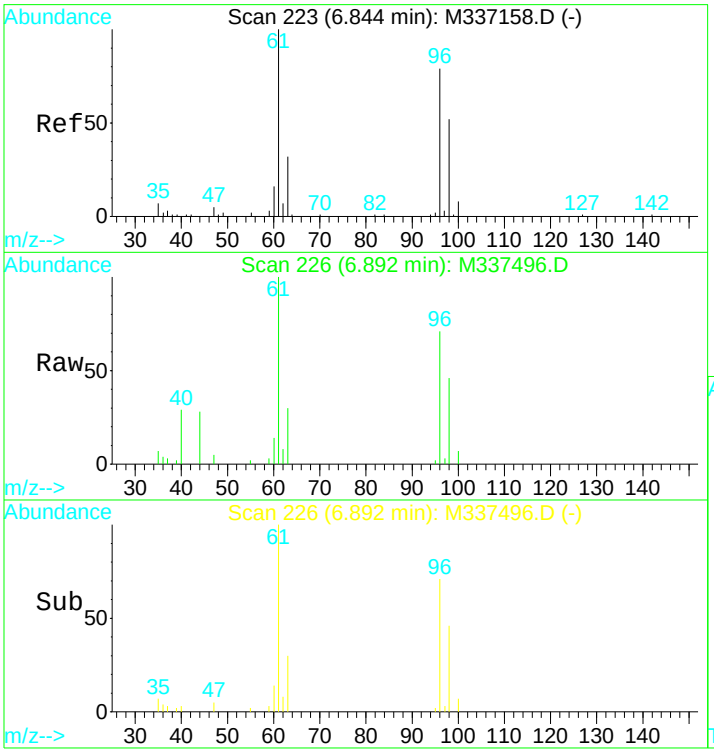


#10
Acetone
Concen: 0.63 ug/l
RT: 6.28 min Scan# 185
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 58 Resp: 741

Ion	Ratio	Lower	Upper
58	100		
43	529.8	298.2	358.2#

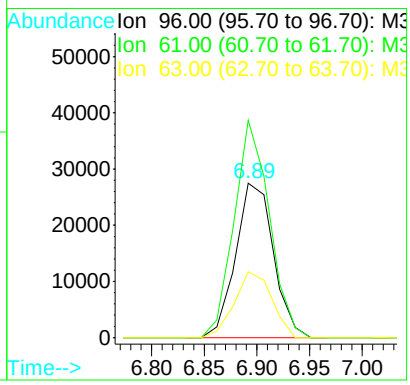


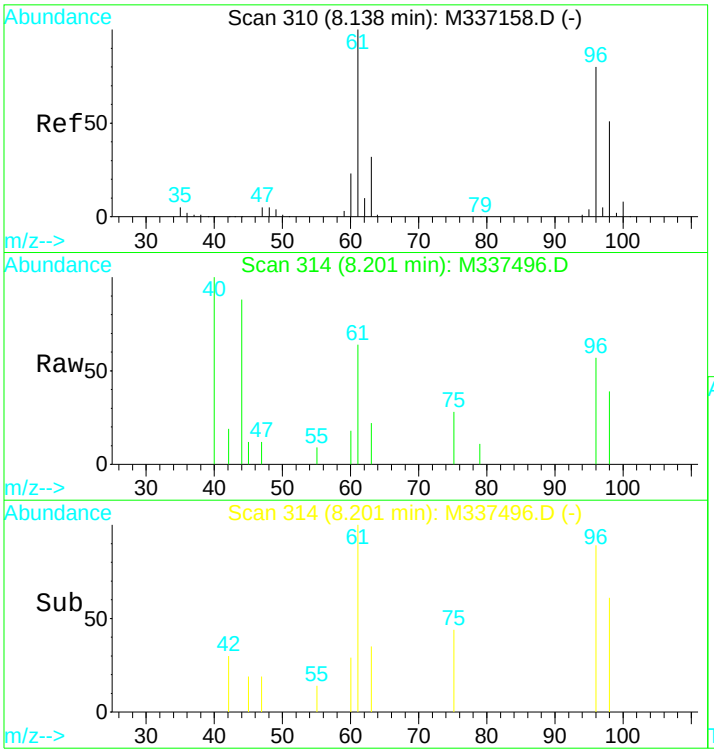


#16
1,1-Dichloroethene
Concen: 2.58 ug/l
RT: 6.89 min Scan# 226
Delta R.T. -0.03 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 96 Resp: 68450

Ion	Ratio	Lower	Upper
96	100		
61	141.0	96.1	156.1
63	42.7	10.0	70.0

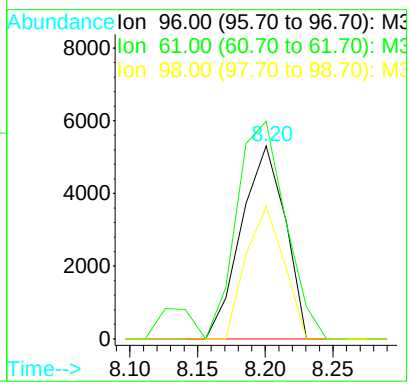


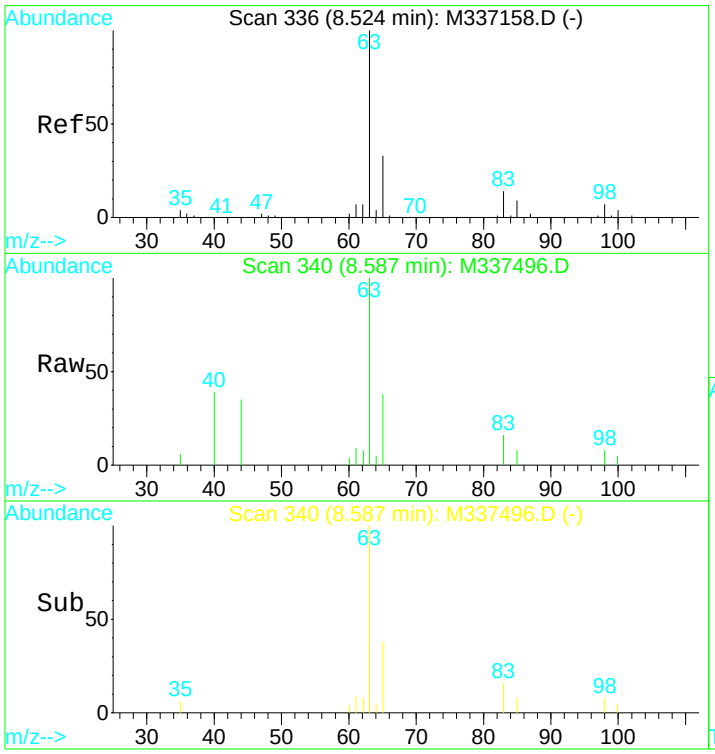


#20
trans-1,2-Dichloroethene
Concen: 0.40 ug/l
RT: 8.20 min Scan# 314
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 96 Resp: 11944

Ion	Ratio	Lower	Upper
96	100		
61	112.8	95.0	155.0
98	68.6	33.4	93.4

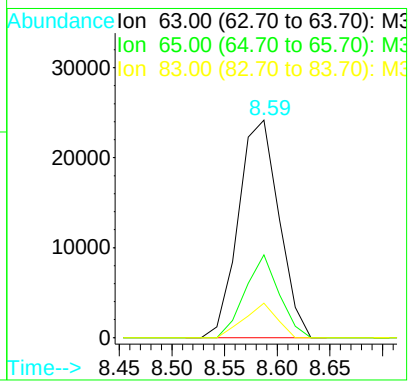


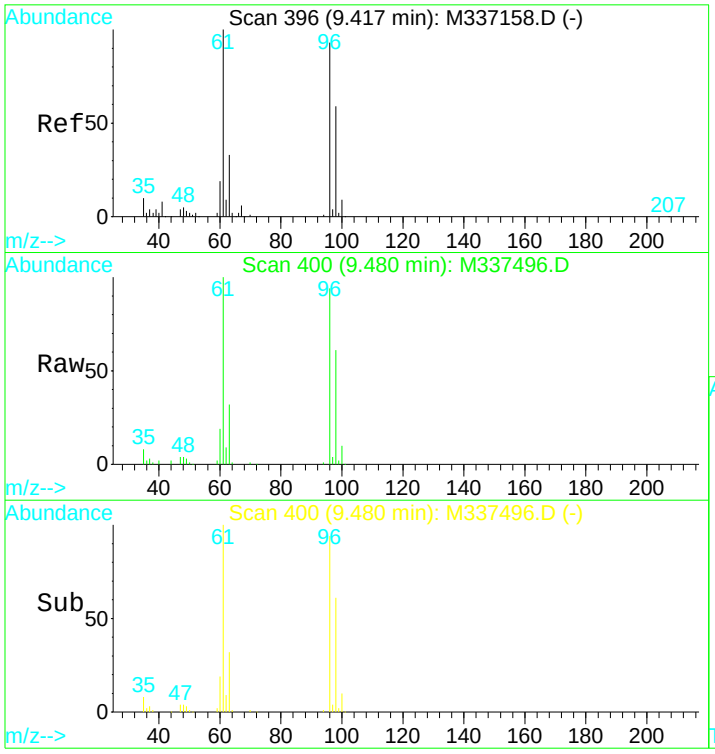


#21
1,1-Dichloroethane
Concen: 1.44 ug/l
RT: 8.59 min Scan# 340
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 63 Resp: 64725

Ion	Ratio	Lower	Upper
63	100		
65	38.1	2.9	62.9
83	15.9	0.0	44.2

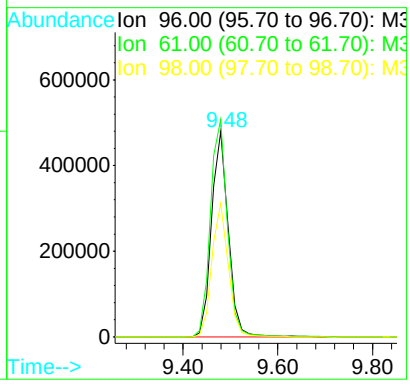


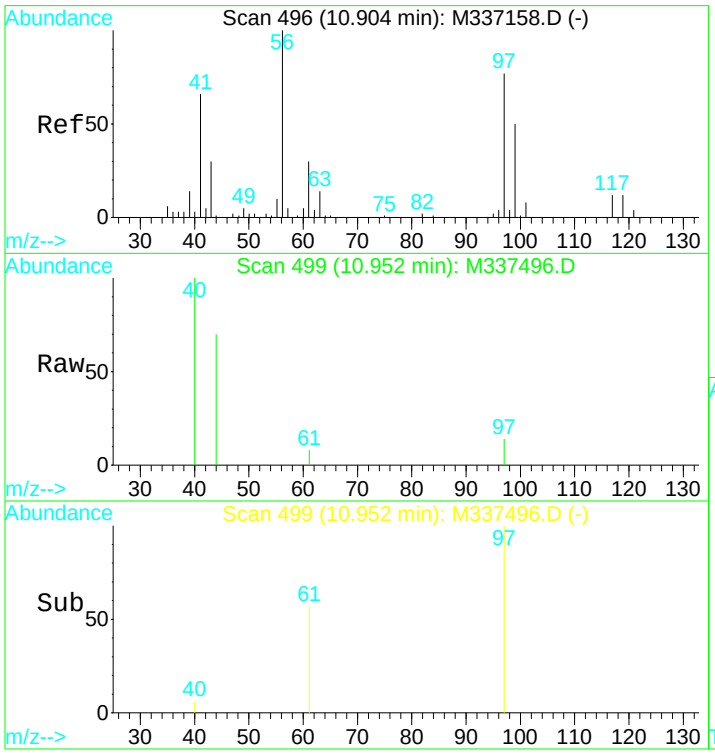


#27
cis-1,2 Dichloroethene
Concen: 34.21 ug/l
RT: 9.48 min Scan# 400
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 96 Resp: 1176935

Ion	Ratio	Lower	Upper
96	100		
61	106.0	77.5	137.5
98	65.2	33.9	93.9

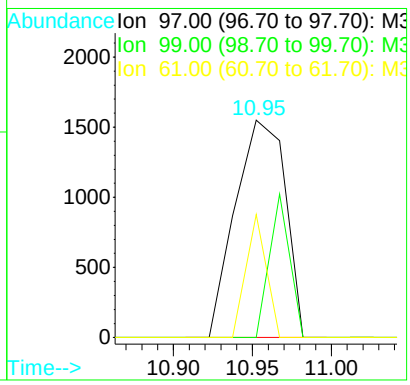


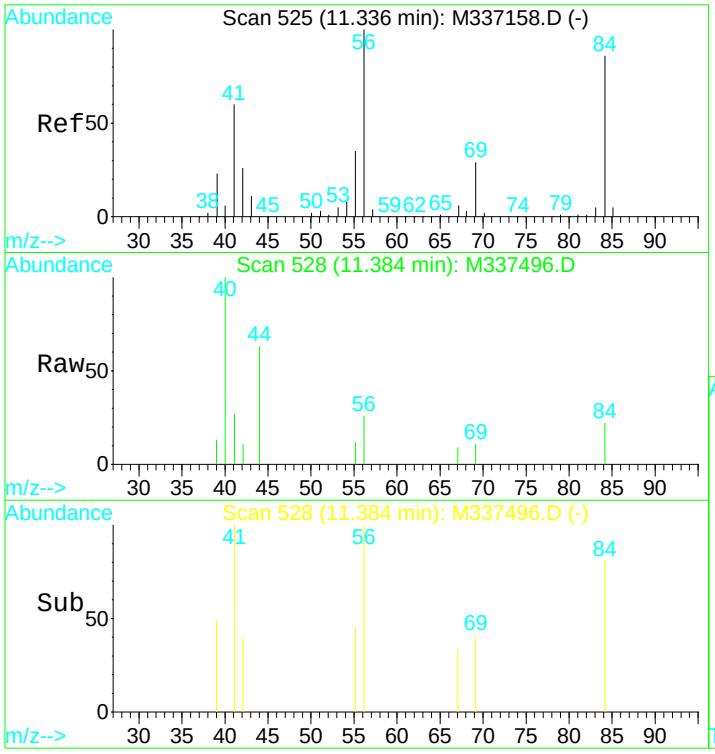


#36
1,1,1-Trichloroethane
Concen: 0.11 ug/l
RT: 10.95 min Scan# 499
Delta R.T. -0.03 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 97 Resp: 3412

Ion	Ratio	Lower	Upper
97	100		
99	0.0	34.9	94.9#
61	56.6	9.8	69.8

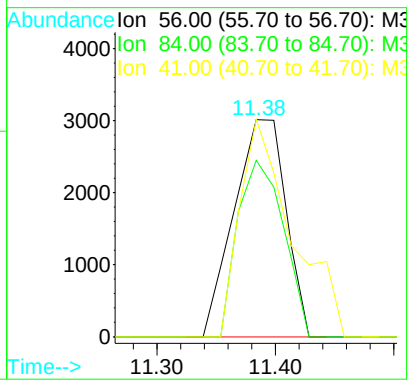


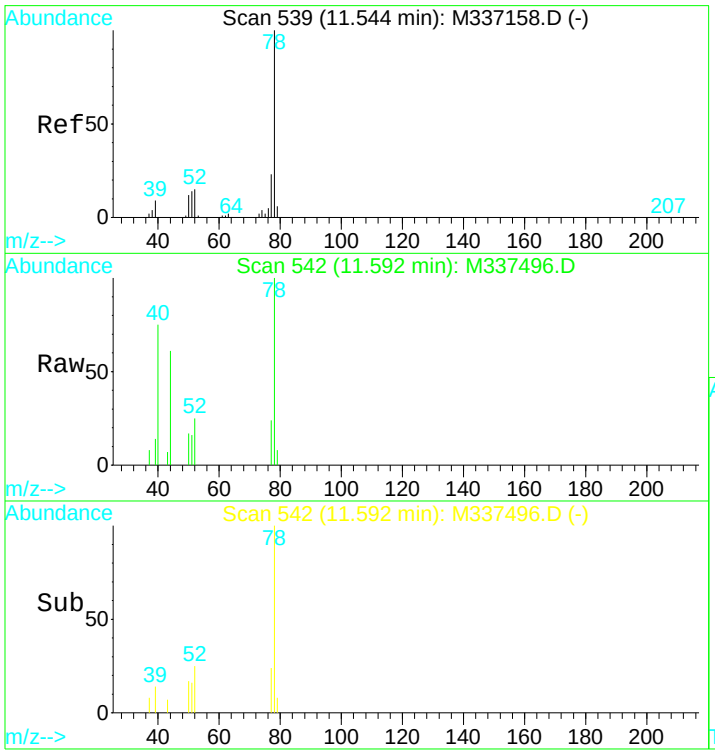


#38
Cyclohexane
Concen: 0.31 ug/l
RT: 11.38 min Scan# 528
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 56 Resp: 9133

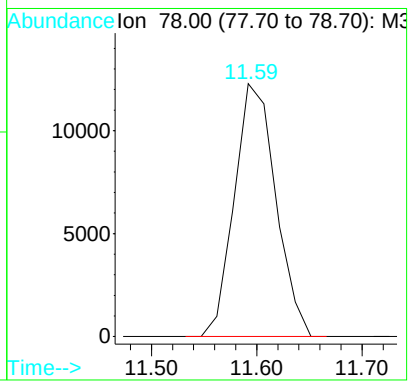
Ion	Ratio	Lower	Upper
56	100		
84	81.3	55.5	115.5
41	100.2	30.1	90.1#

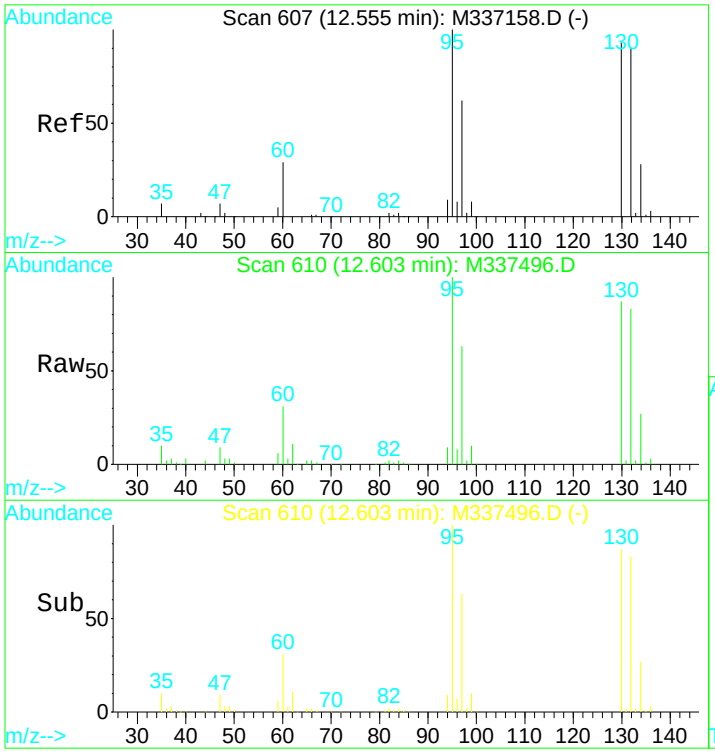




#40
Benzene
Concen: 0.32 ug/l
RT: 11.59 min Scan# 542
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 78 Resp: 33617

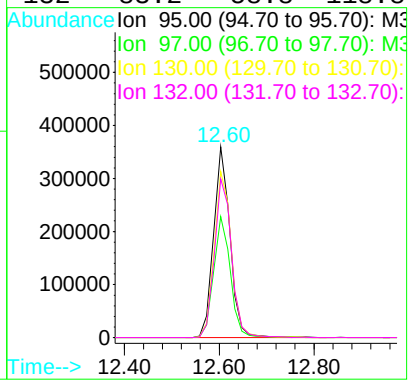


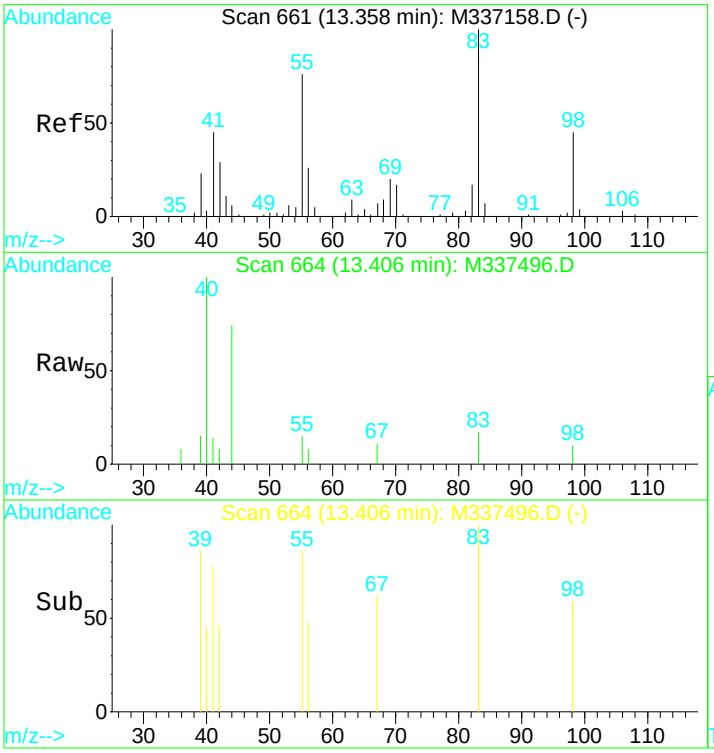


#44
Trichloroethene
Concen: 29.31 ug/l
RT: 12.60 min Scan# 610
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 95 Resp: 868059

Ion	Ratio	Lower	Upper
95	100		
97	63.4	35.0	95.0
130	87.0	62.7	122.7
132	83.2	58.8	118.8

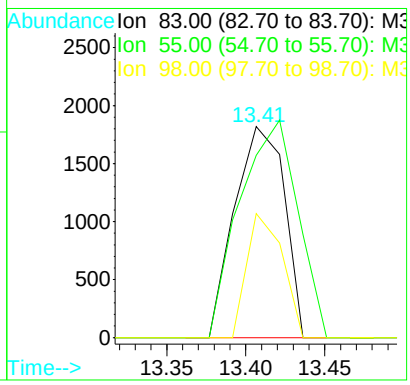


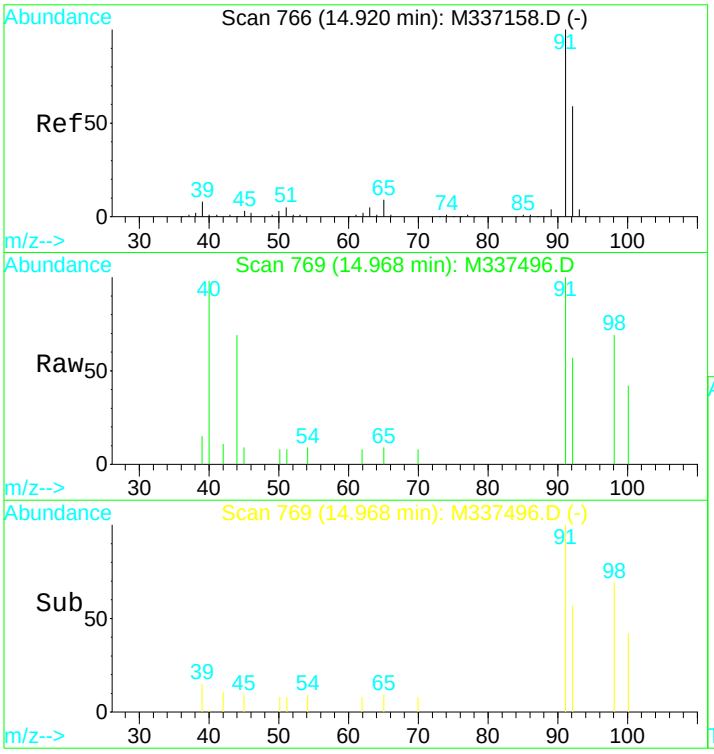


#52
Methyl Cyclohexane
Concen: 0.17 ug/l
RT: 13.41 min Scan# 664
Delta R.T. -0.03 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 83 Resp: 3988

Ion	Ratio	Lower	Upper
83	100		
55	86.4	46.4	106.4
98	58.8	15.4	75.4

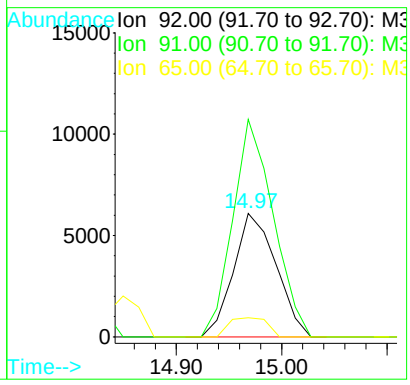


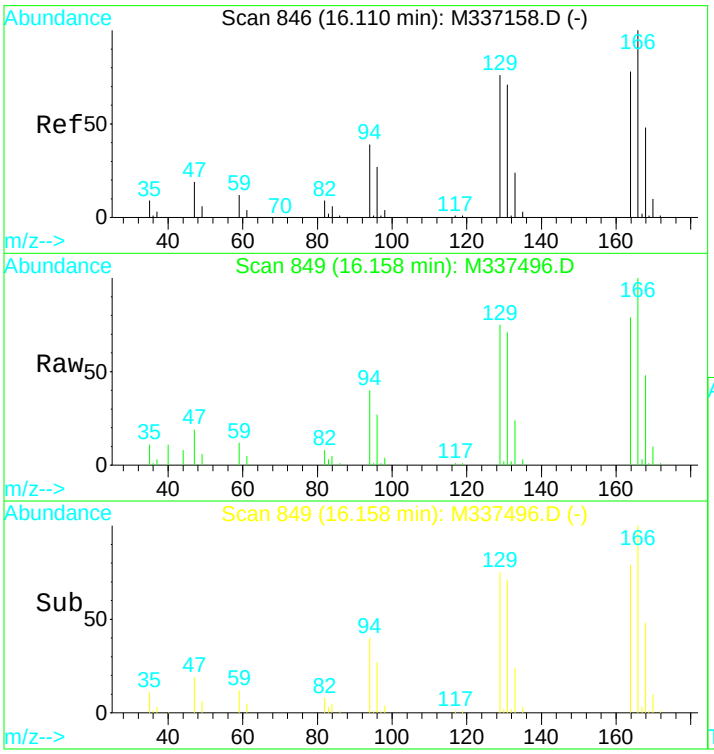


#57
Toluene
Concen: 0.25 ug/l
RT: 14.97 min Scan# 769
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 92 Resp: 17119

Ion	Ratio	Lower	Upper
92	100		
91	176.0	139.1	199.1
65	15.4	0.0	44.5

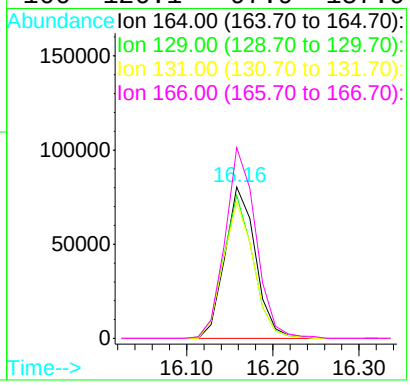


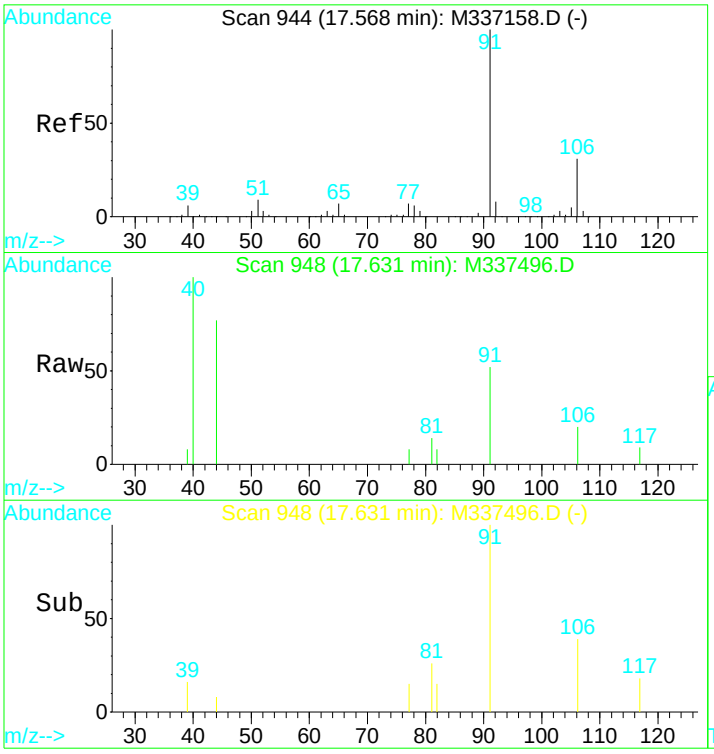


#63
Tetrachloroethene
Concen: 10.44 ug/l
RT: 16.16 min Scan# 849
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion:164 Resp: 197311

Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.7	126.7
131	89.9	61.4	121.4
166	126.1	97.9	157.9

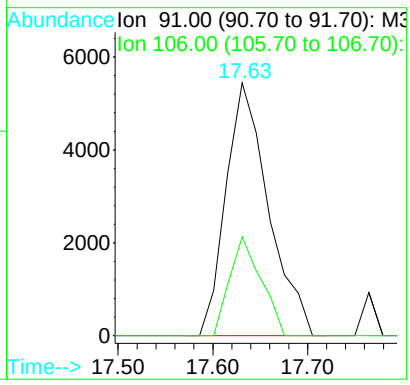


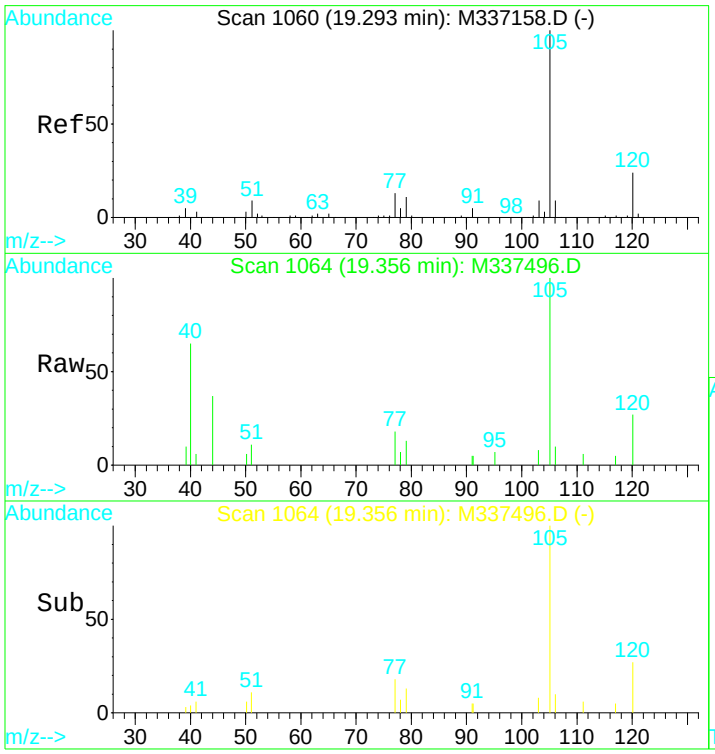


#69
Ethylbenzene
Concen: 0.15 ug/l
RT: 17.63 min Scan# 948
Delta R.T. -0.00 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 91 Resp: 16936

Ion	Ratio	Lower	Upper
91	100		
106	39.2	1.4	61.4

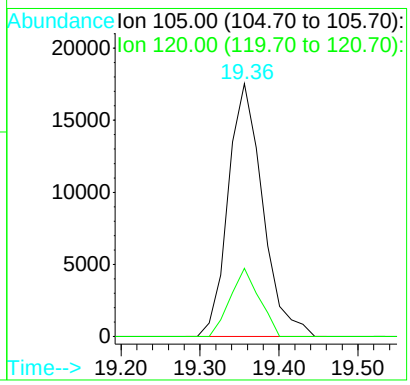


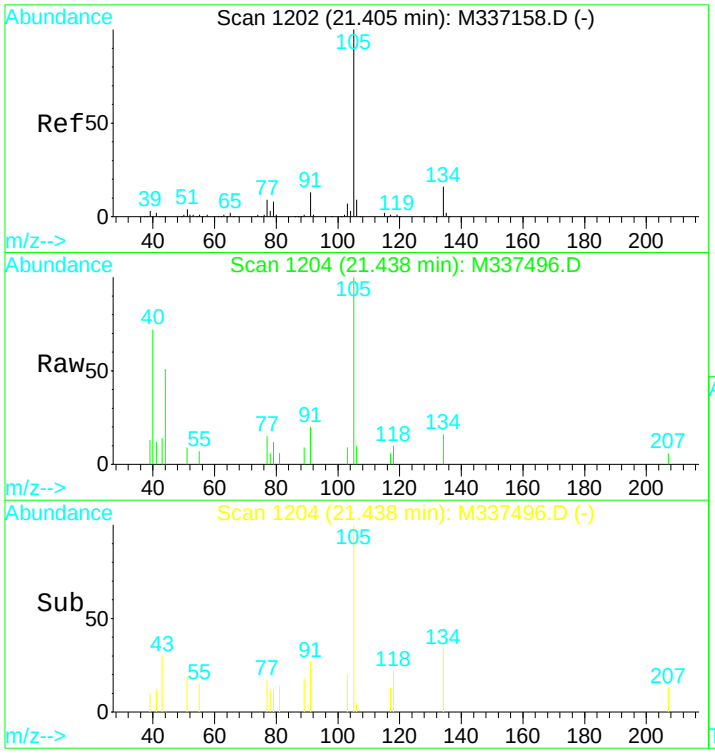


#79
Isopropylbenzene
Concen: 0.57 ug/l
RT: 19.36 min Scan# 1064
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion:105 Resp: 53317

Ion	Ratio	Lower	Upper
105	100		
120	27.0	0.0	54.0

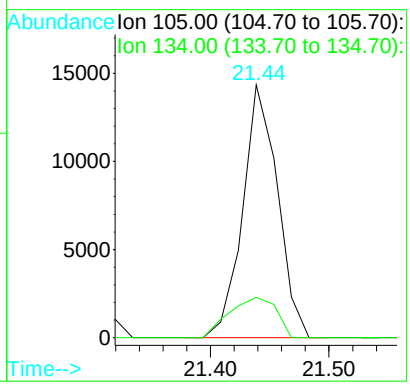


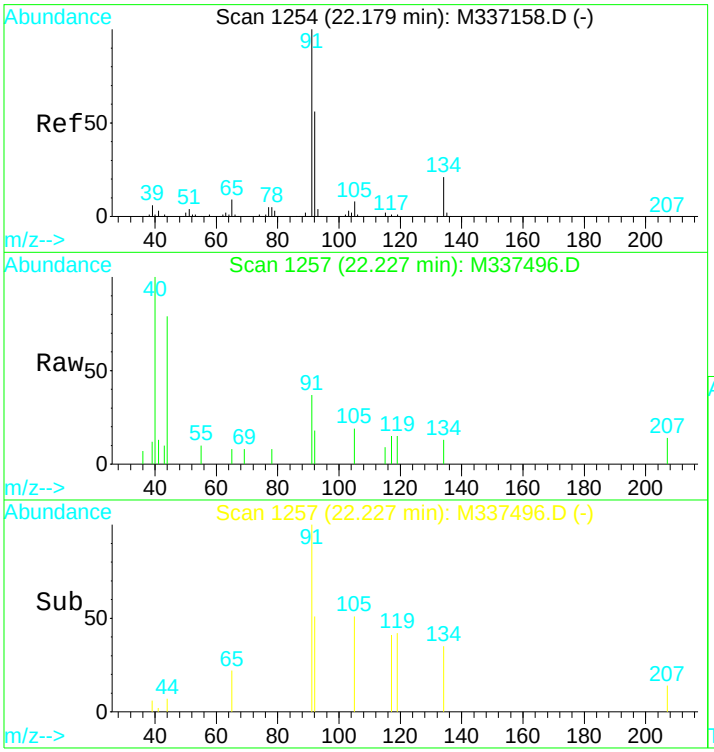


#89
sec-Butylbenzene
Concen: 0.35 ug/l
RT: 21.44 min Scan# 1204
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion:105 Resp: 29157

Ion	Ratio	Lower	Upper
105	100		
134	15.9	0.0	45.8

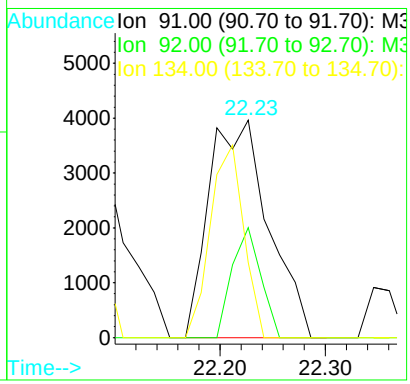


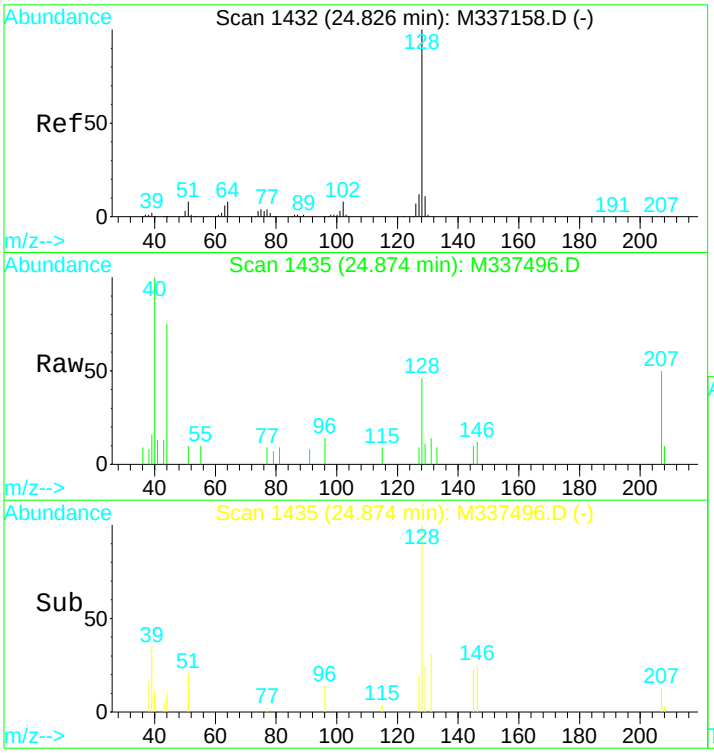


#93
n-Butylbenzene
Concen: 0.26 ug/l
RT: 22.23 min Scan# 1257
Delta R.T. -0.00 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

Tgt Ion: 91 Resp: 15575

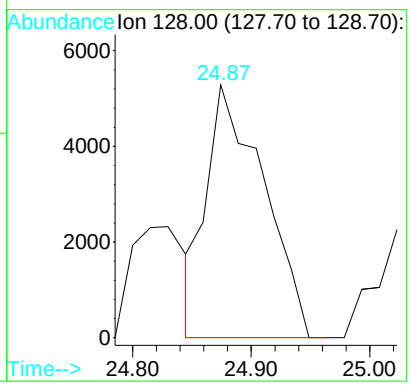
Ion	Ratio	Lower	Upper
91	100		
92	50.6	26.3	86.3
134	34.6	0.0	50.6





#100
Naphthalene
Concen: 0.44 ug/l
RT: 24.87 min Scan# 1435
Delta R.T. -0.02 min
Lab File: M337496.D
Acq: 3 Dec 2009 6:30 pm

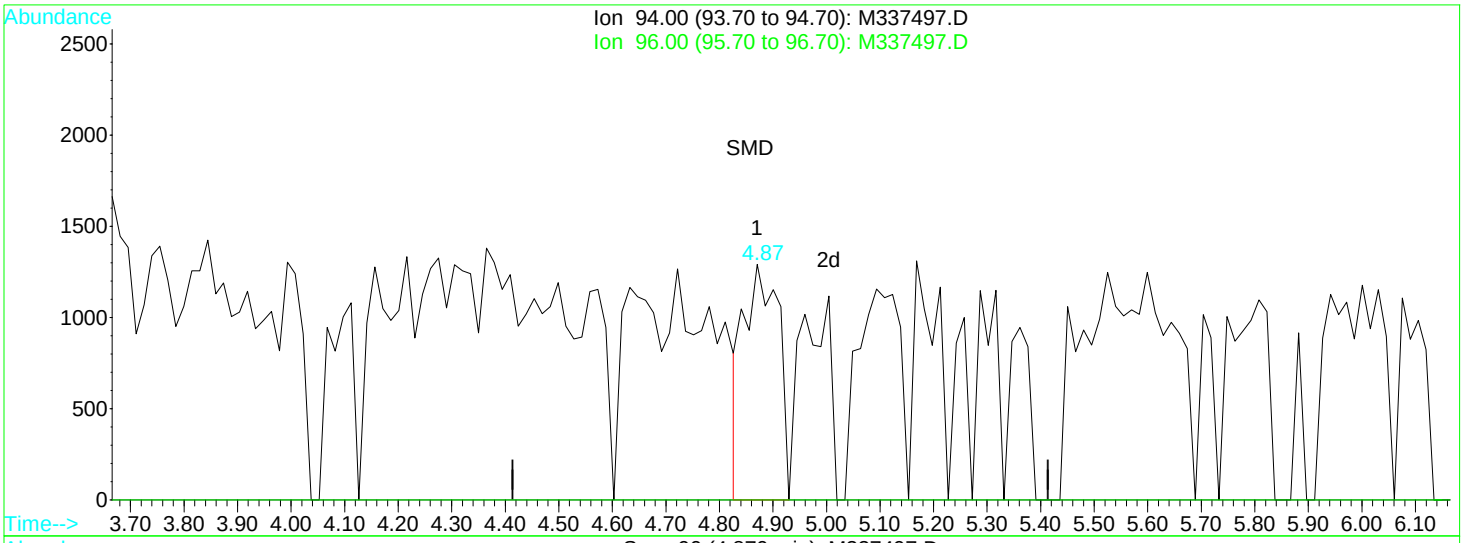
Tgt Ion:128 Resp: 17578

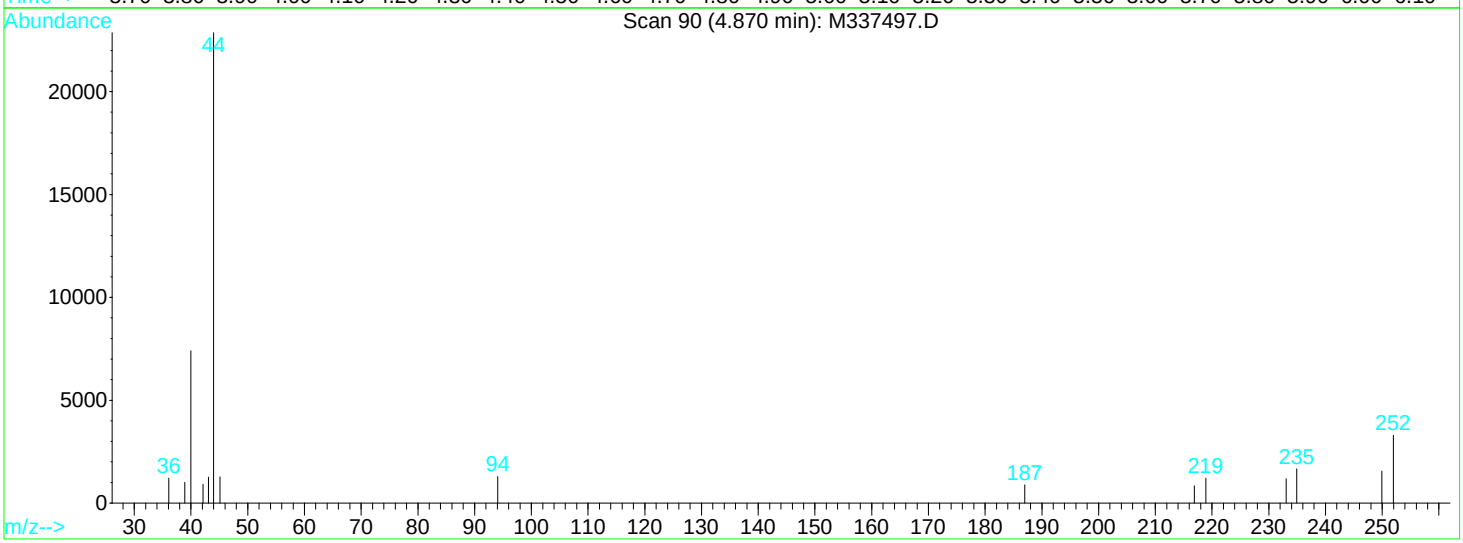


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 19:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(5) Bromomethane

4.87min 0.34ug/l

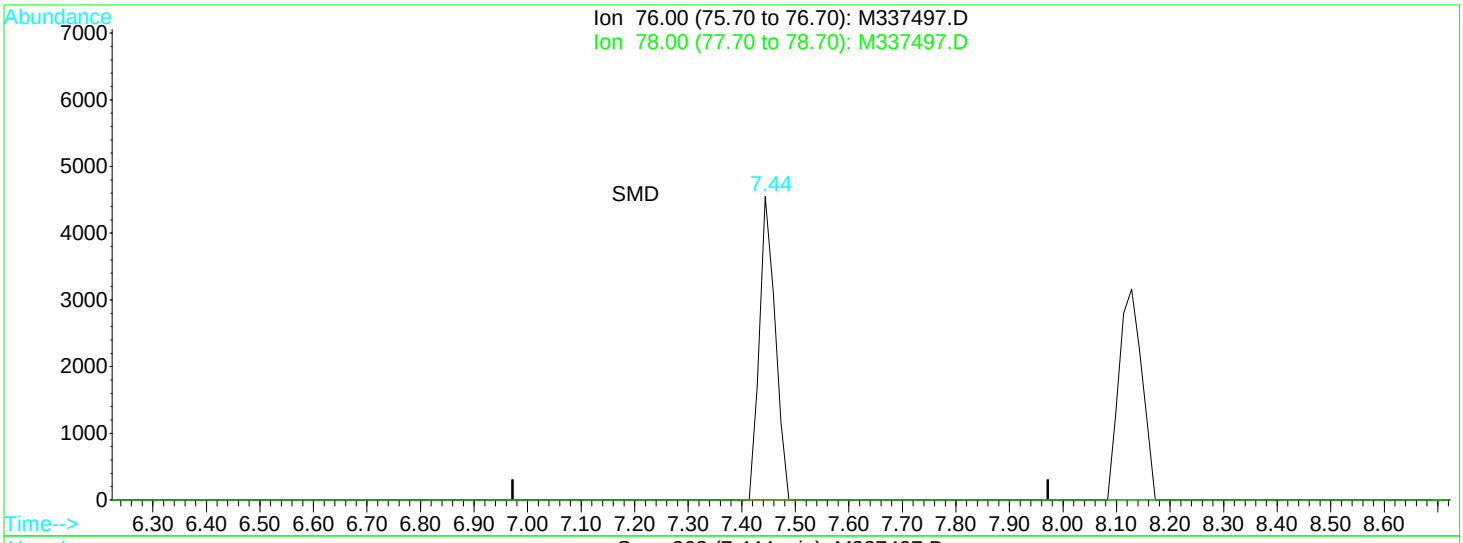
response 5840

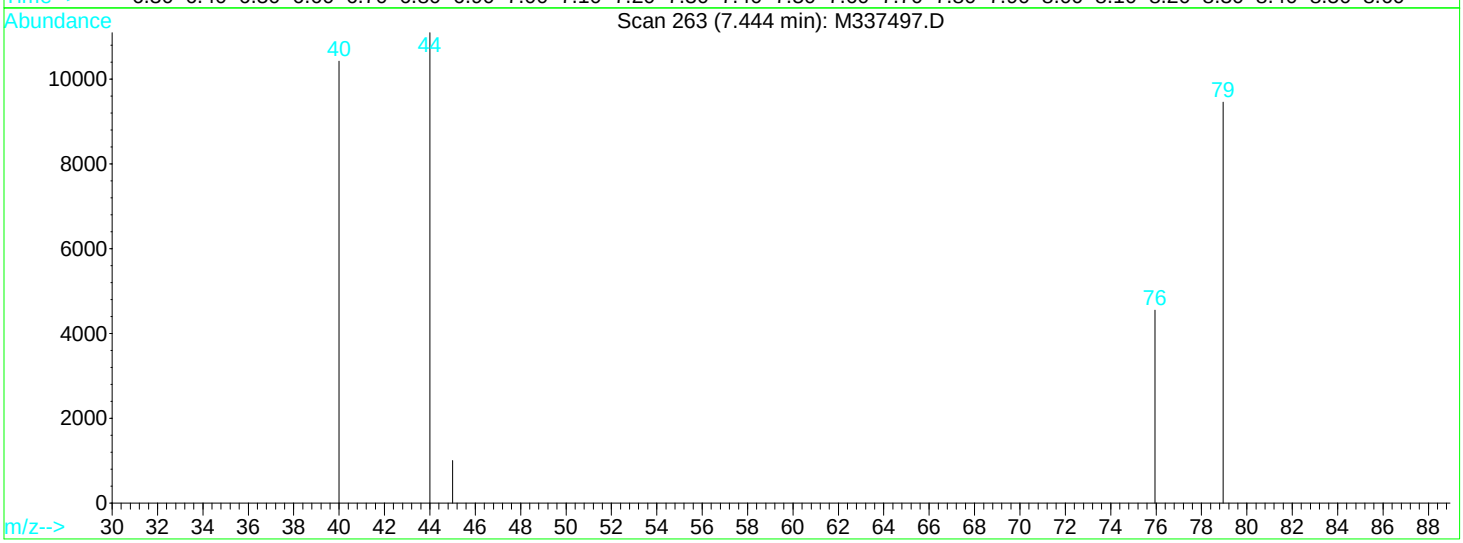
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(15) Carbon Disulfide

7.44min 0.10ug/l

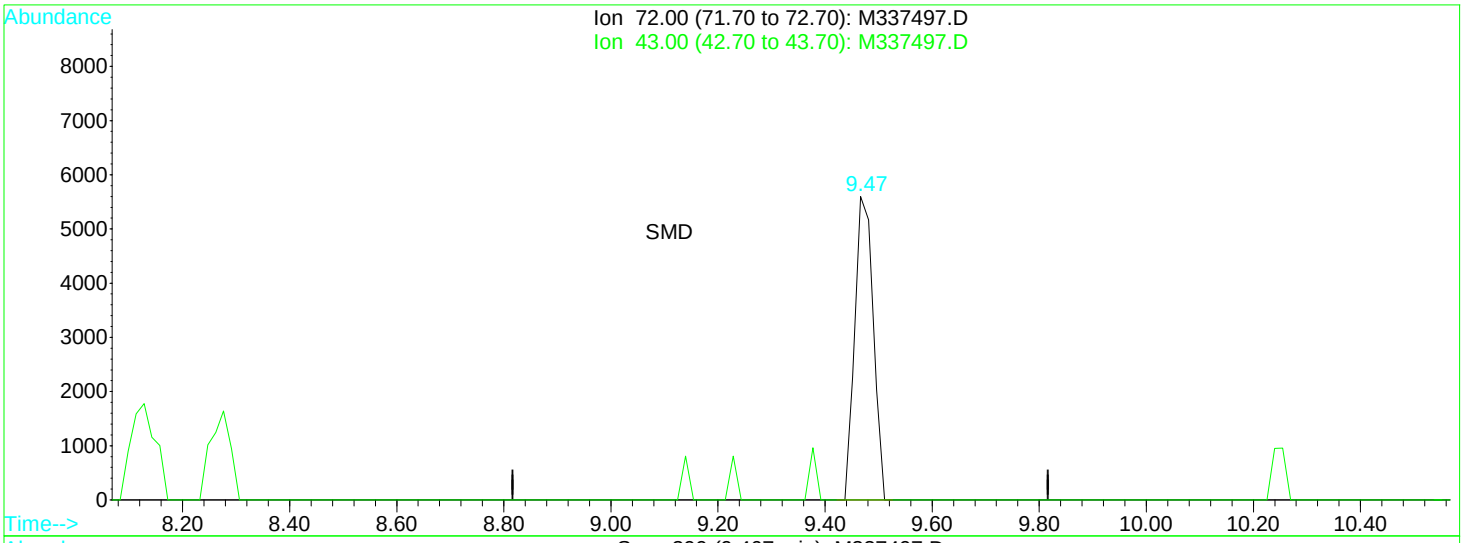
response 9423

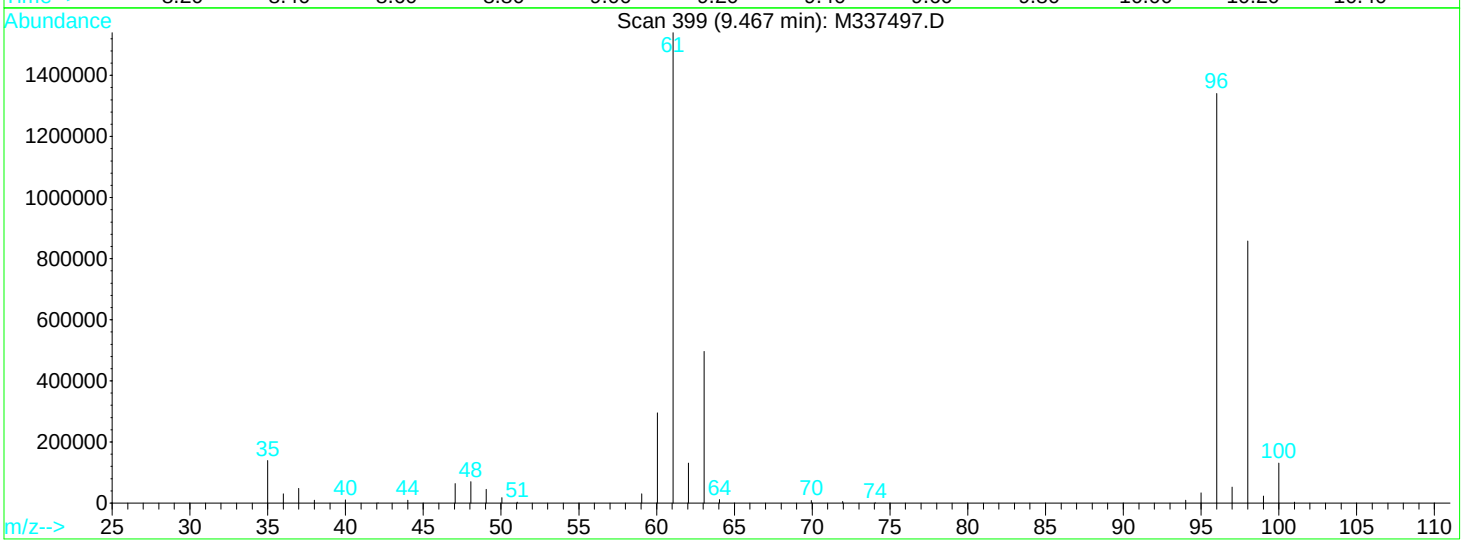
Ion	Exp%	Act%
76.00	100	100
78.00	9.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(24) 2-Butanone

9.47min 9.94ug/l

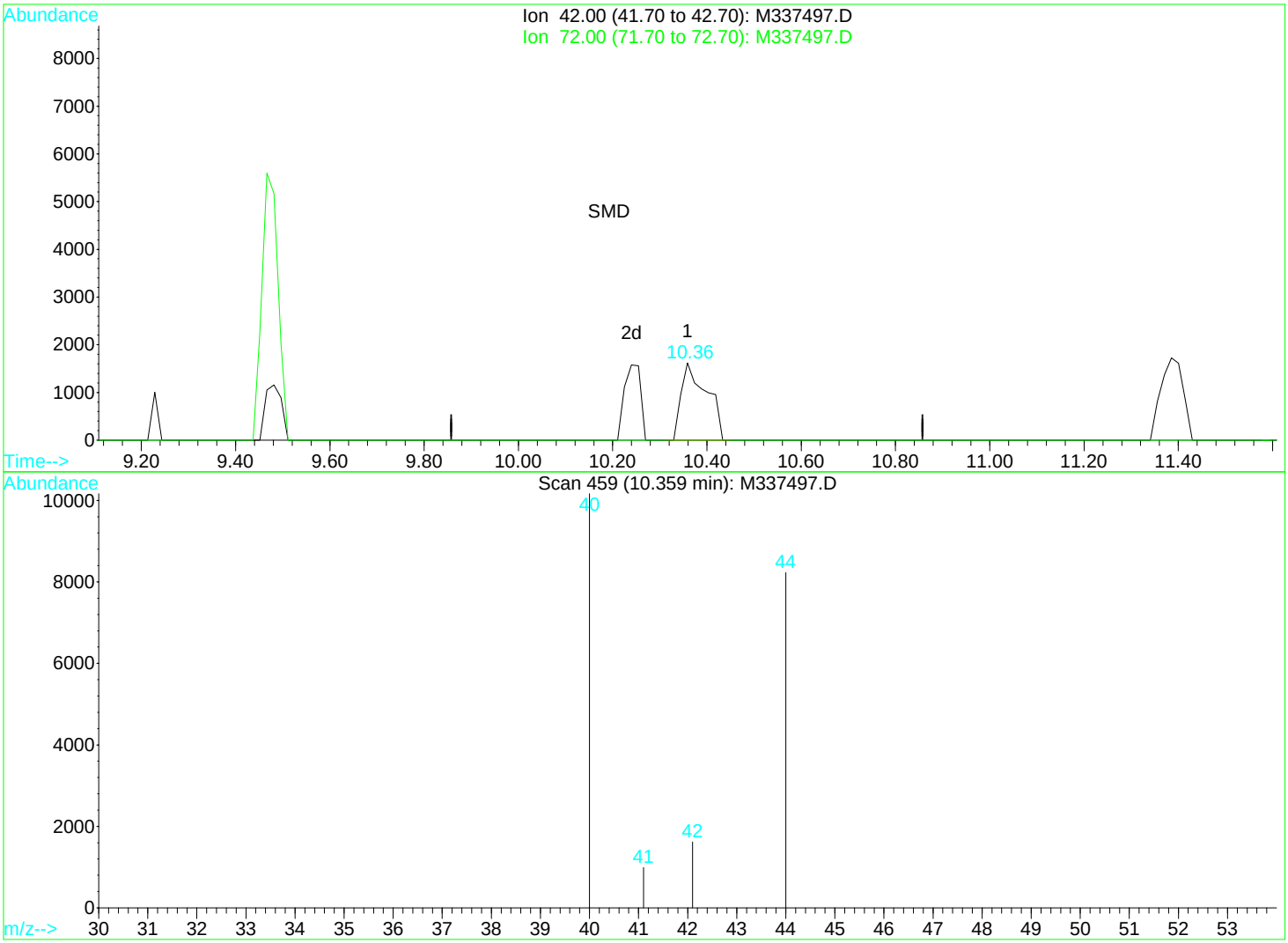
response 13439

Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337497.D

(32) Tetrahydrofuran

10.36min 1.37ug/l

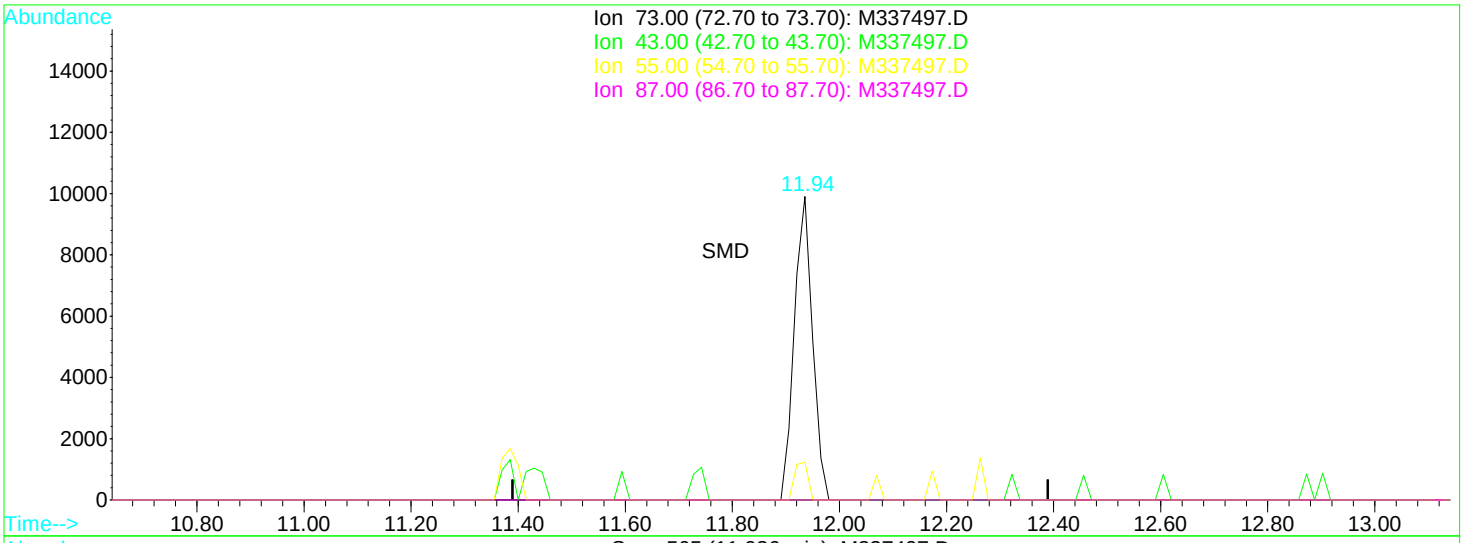
response 6072

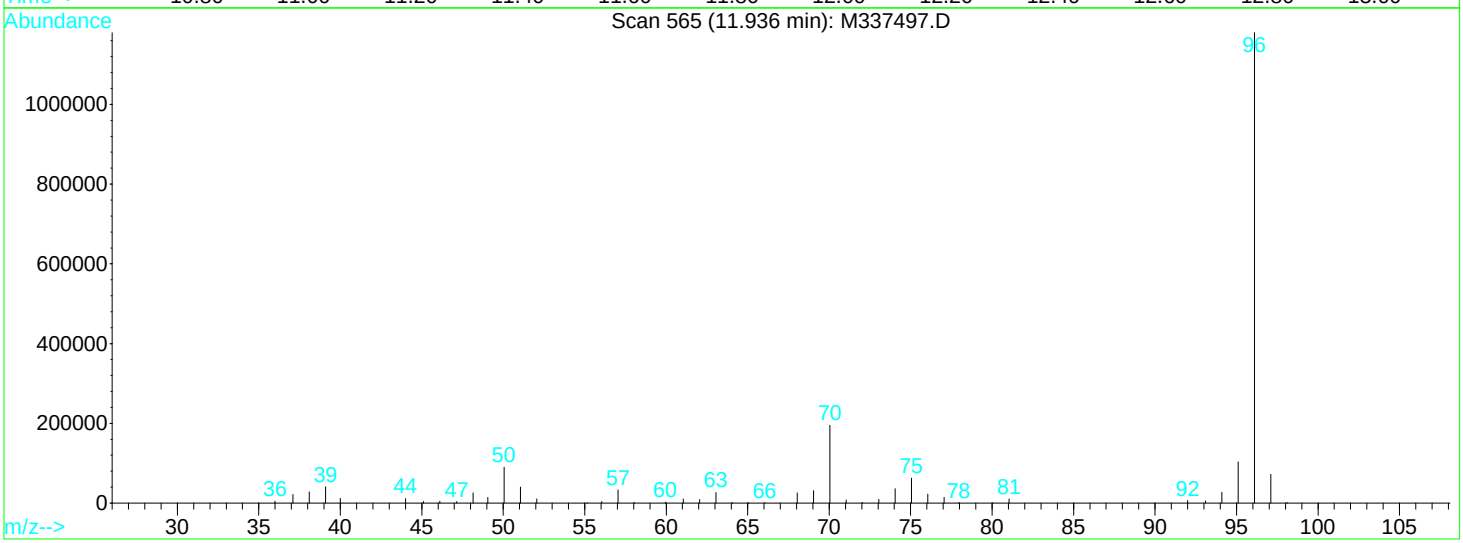
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(43) Tertiary-amyl methyl ether

11.94min 0.53ug/l

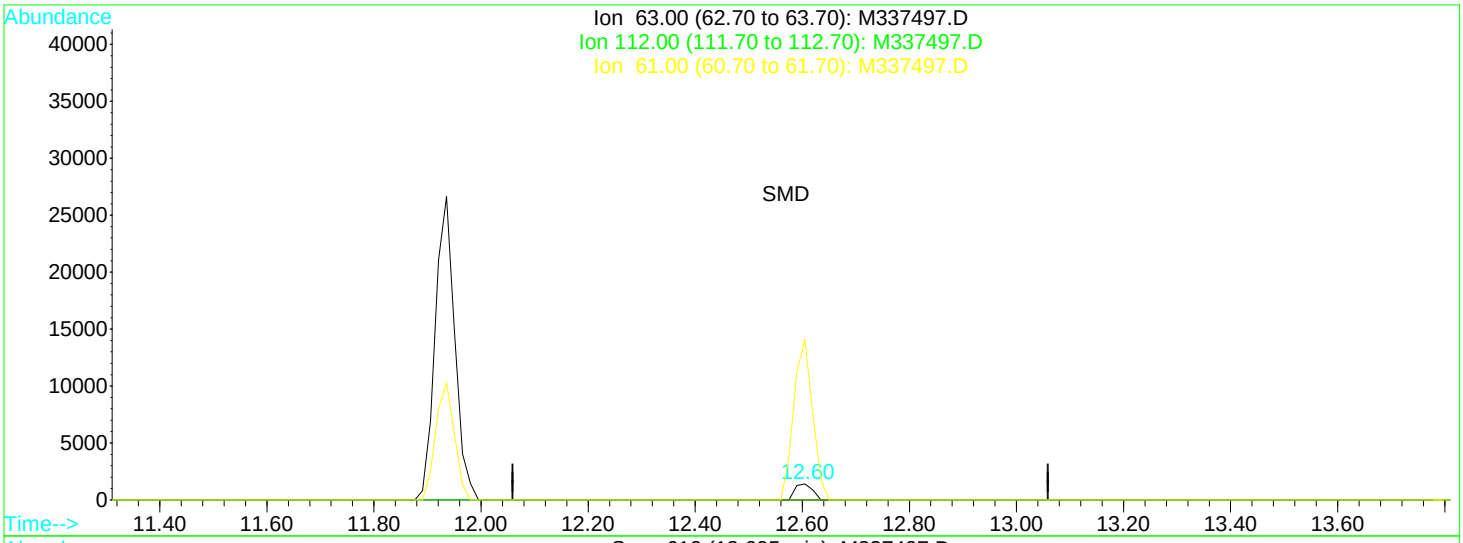
response 23296

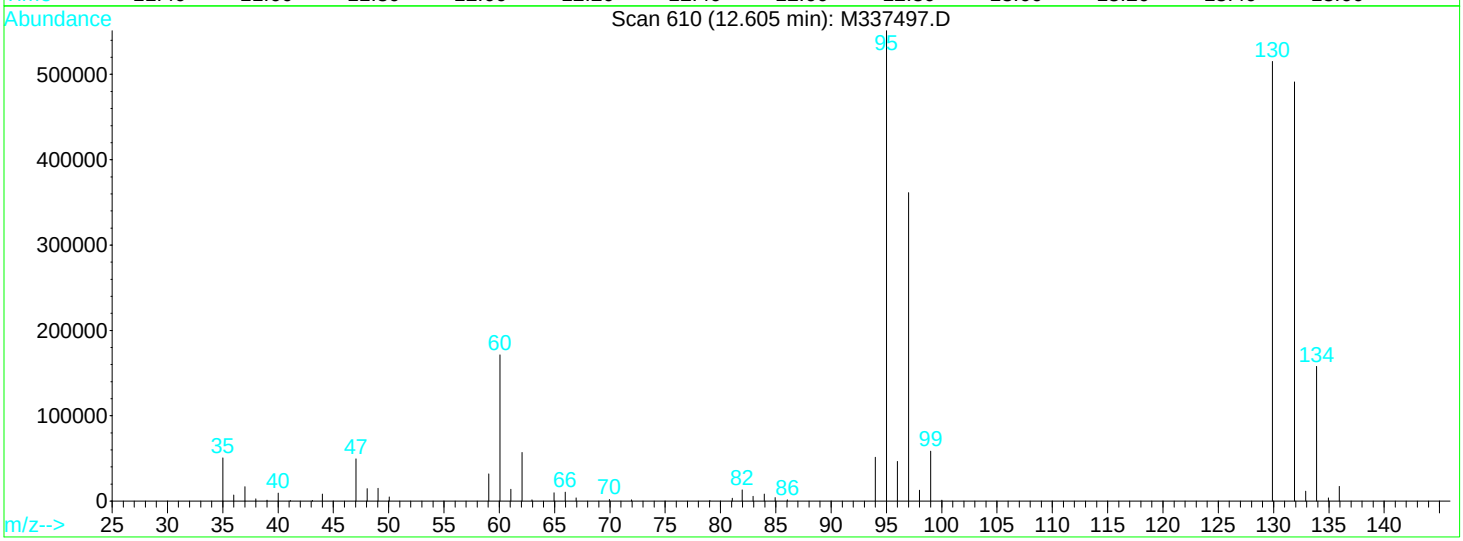
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	12.47
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(45) 1,2-Dichloropropane

12.60min 0.12ug/l

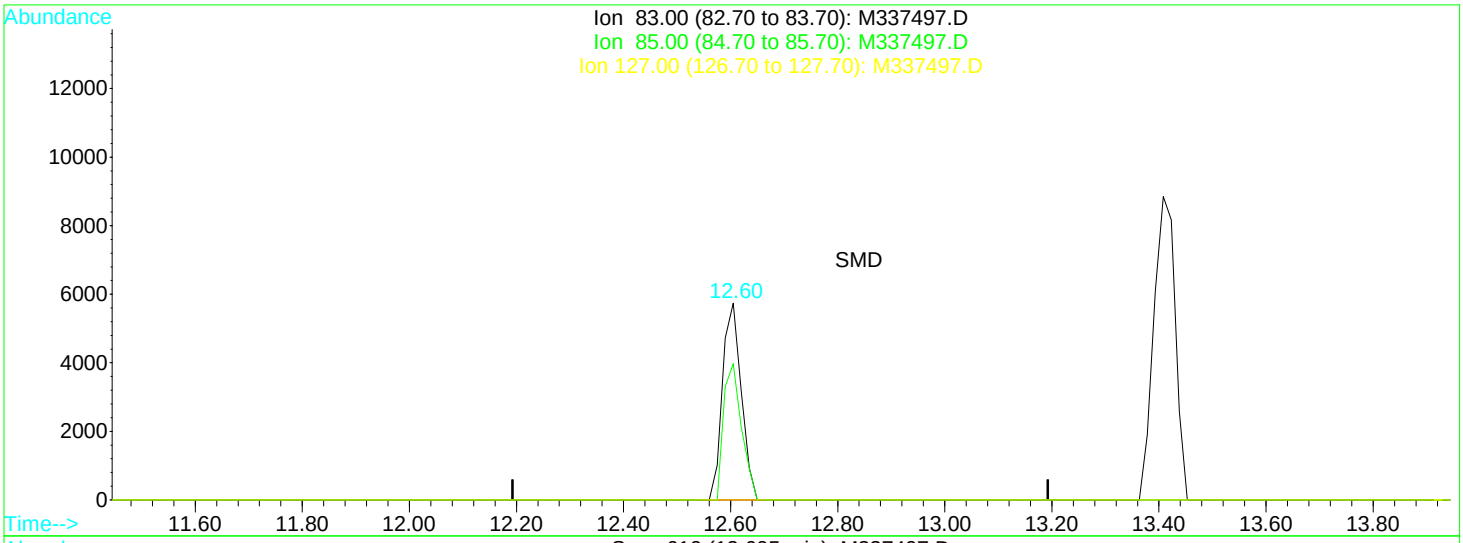
response 3172

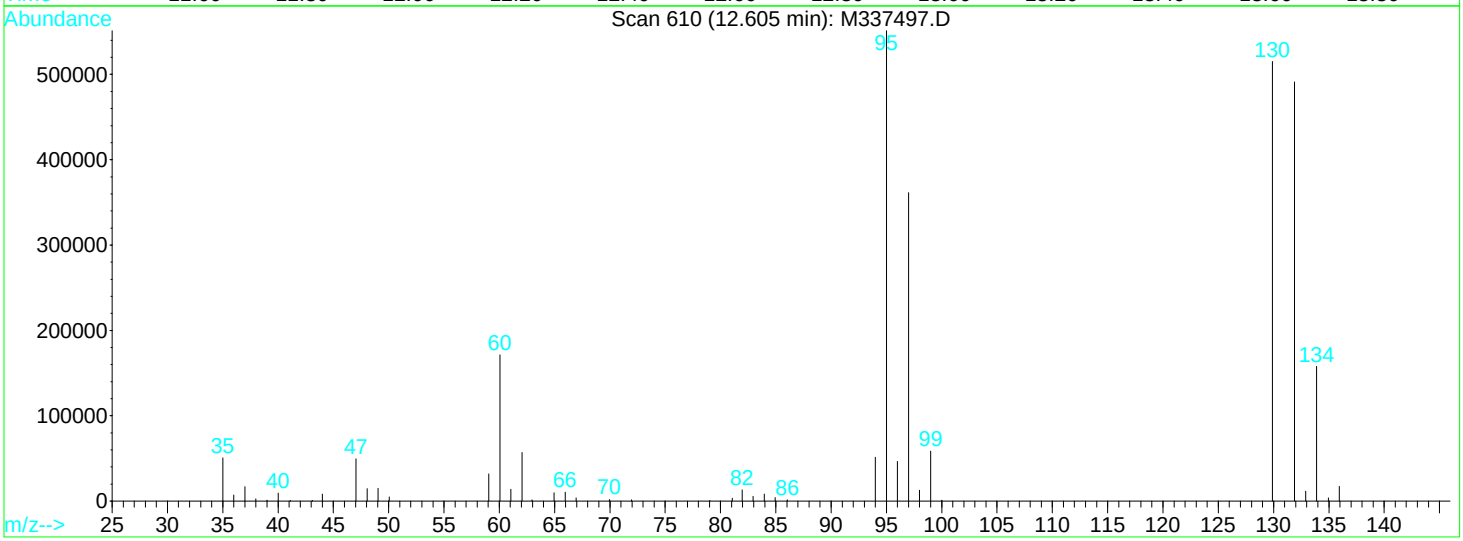
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1001.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(48) Bromodichloromethane

12.60min 0.44ug/l

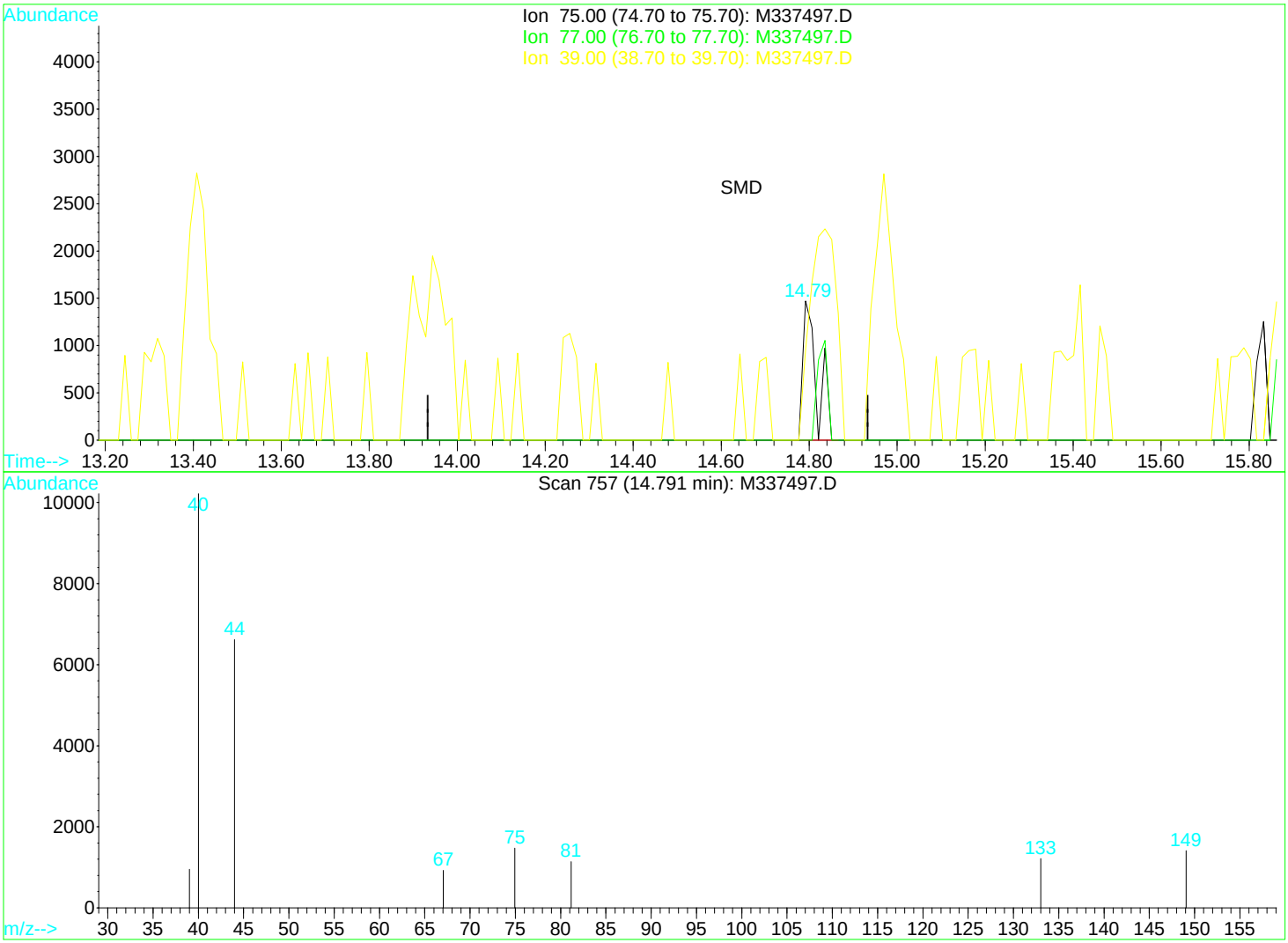
response 13924

Ion	Exp%	Act%
83.00	100	100
85.00	64.00	69.25
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337497.D

(55) trans-1,3-Dichloropropene

14.79min 0.13ug/l

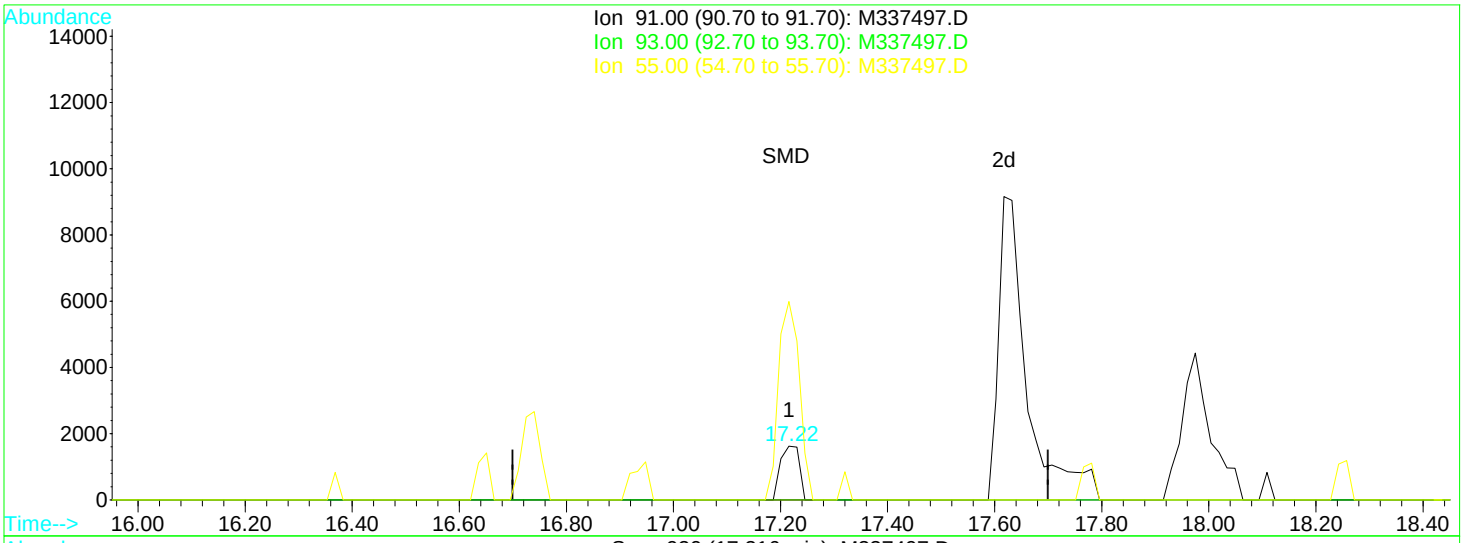
response 3243

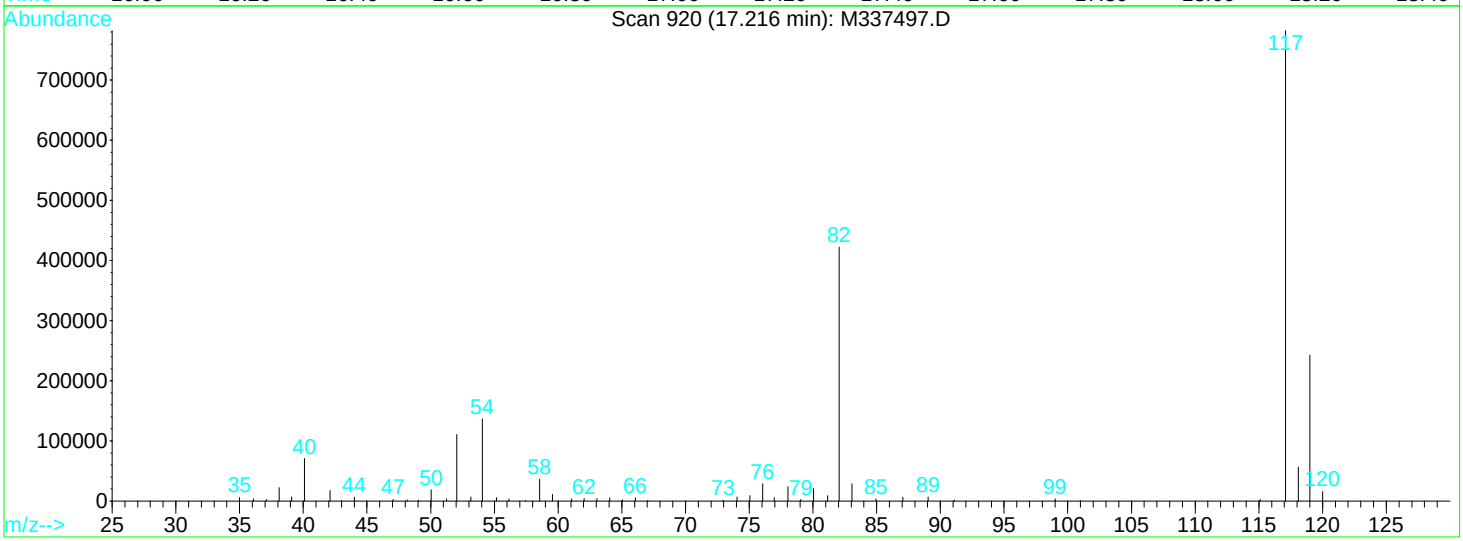
Ion	Exp%	Act%
75.00	100	100
77.00	33.00	0.00#
39.00	46.50	64.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:34 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(66) 1-Chlorohexane

17.22min 0.15ug/l

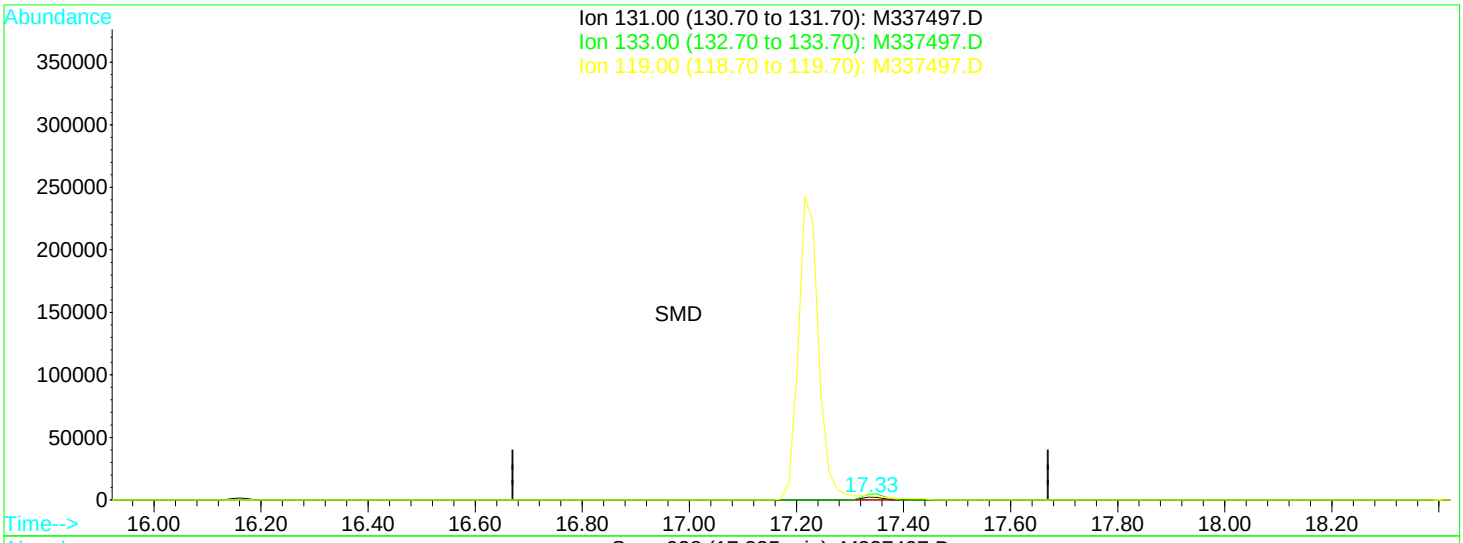
response 3988

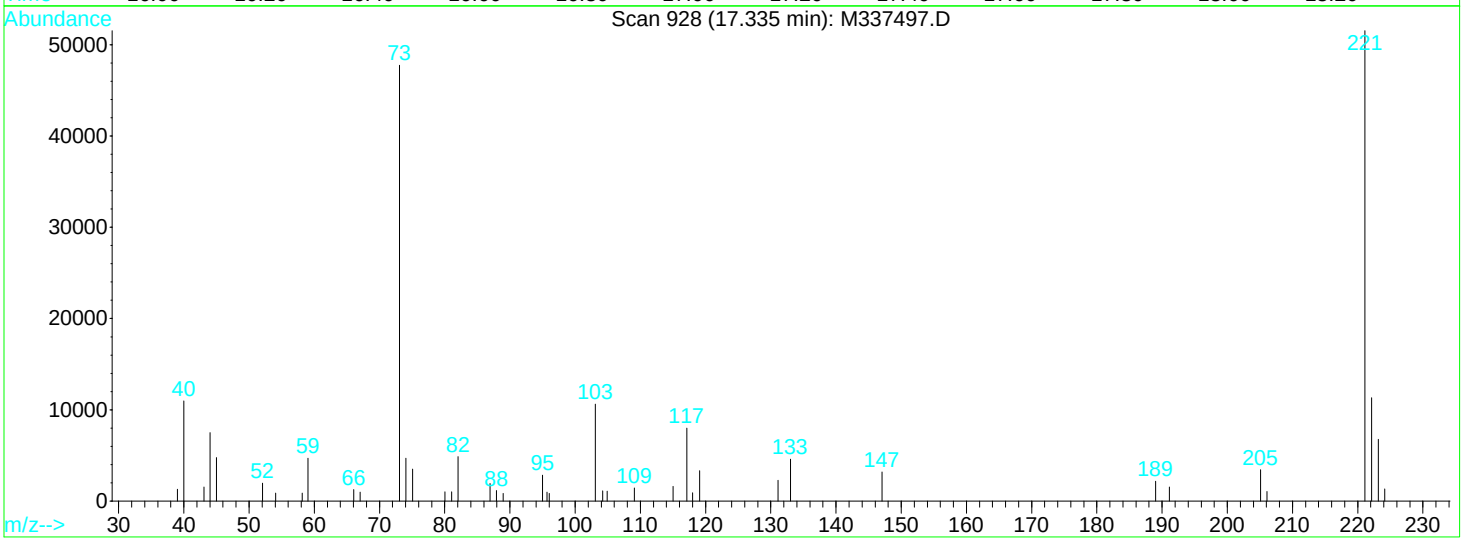
Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	368.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(68) 1,1,1,2-Tetrachloroethane

17.33min 0.23ug/l

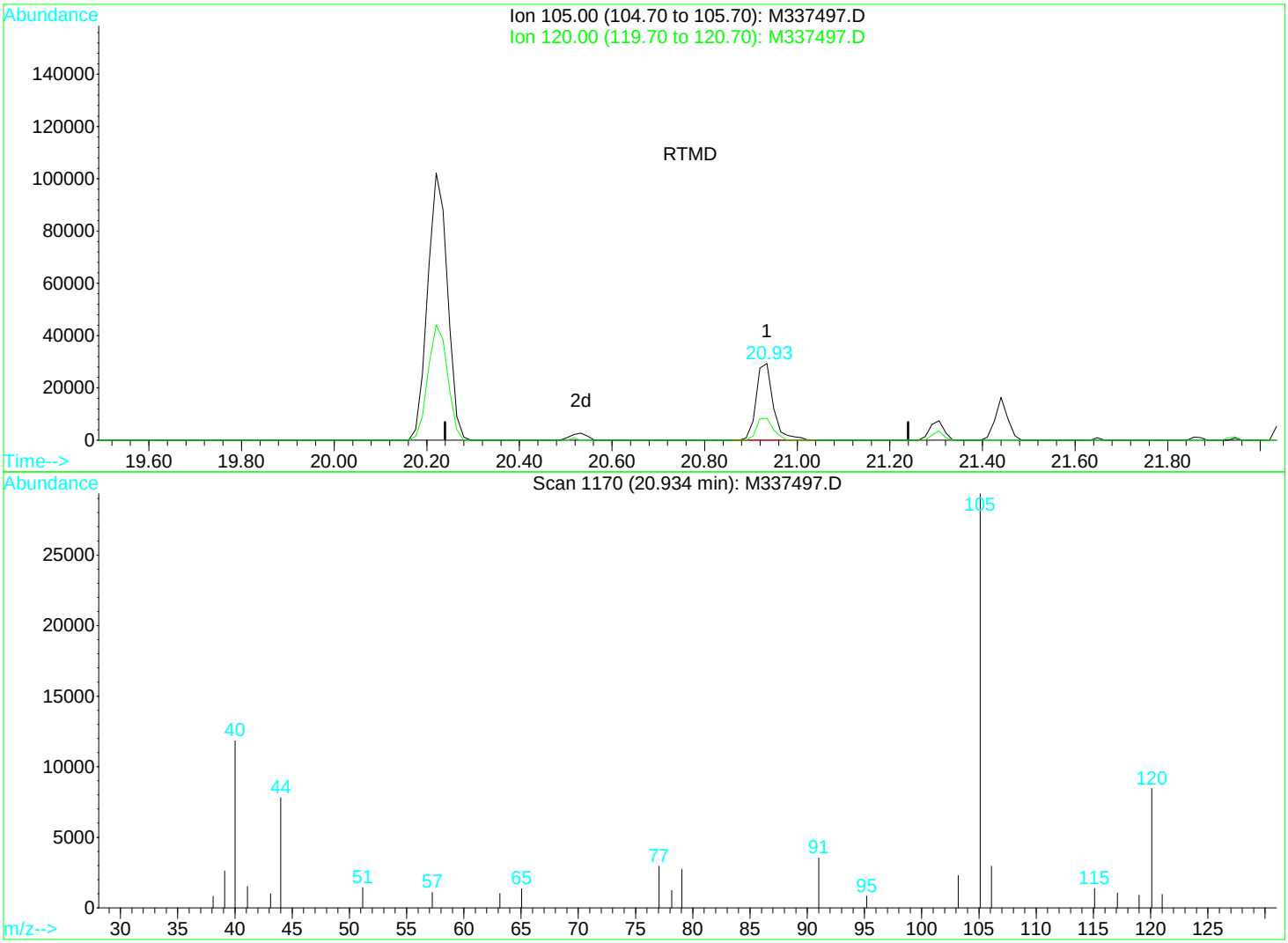
response 5596

Ion	Exp%	Act%
131.00	100	100
133.00	94.60	201.14#
119.00	79.00	145.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337497.D

(85) 1,3,5-Trimethylbenzene

20.93min 1.03ug/l

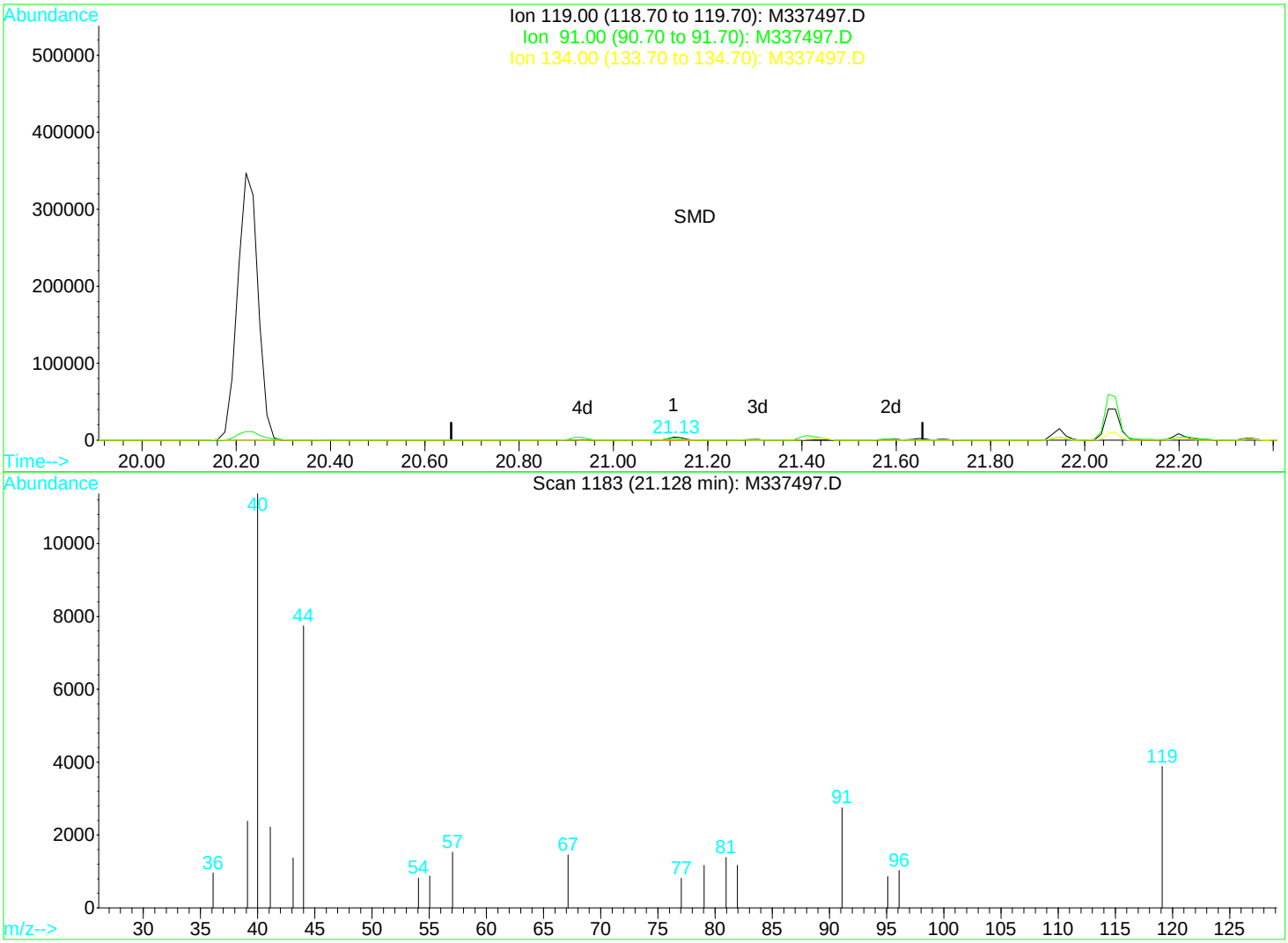
response 75532

Ion	Exp%	Act%
105.00	100	100
120.00	45.50	28.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337497.D

(87) tert-Butylbenzene

21.13min 0.16ug/l

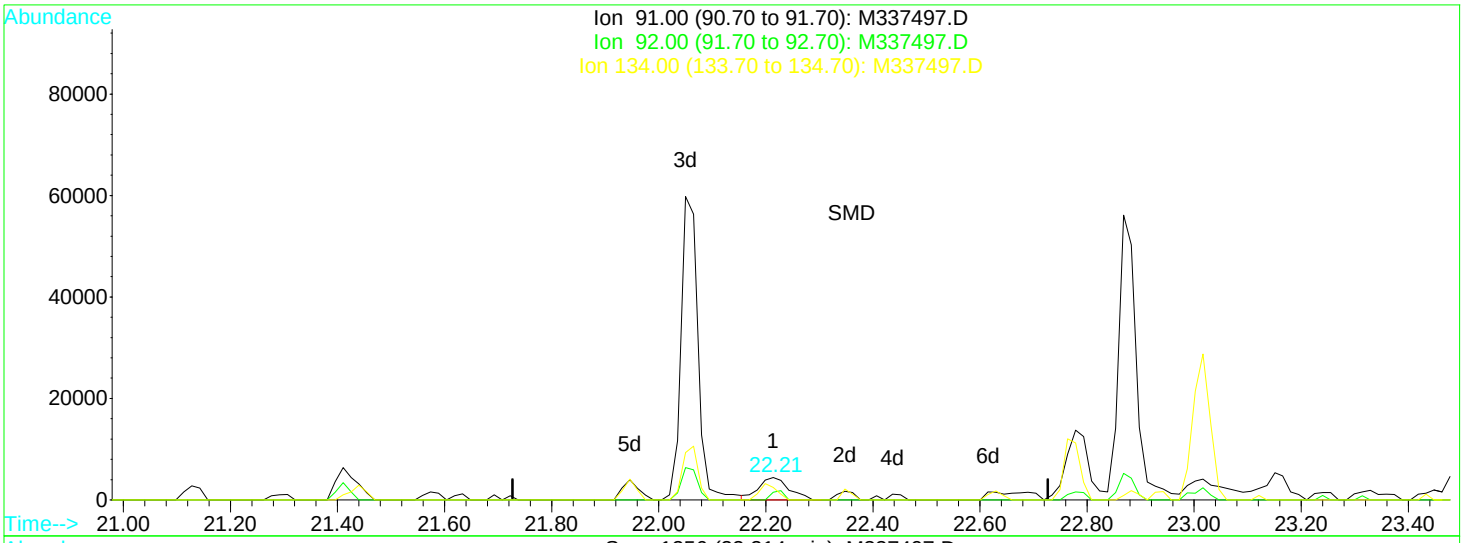
response 8575

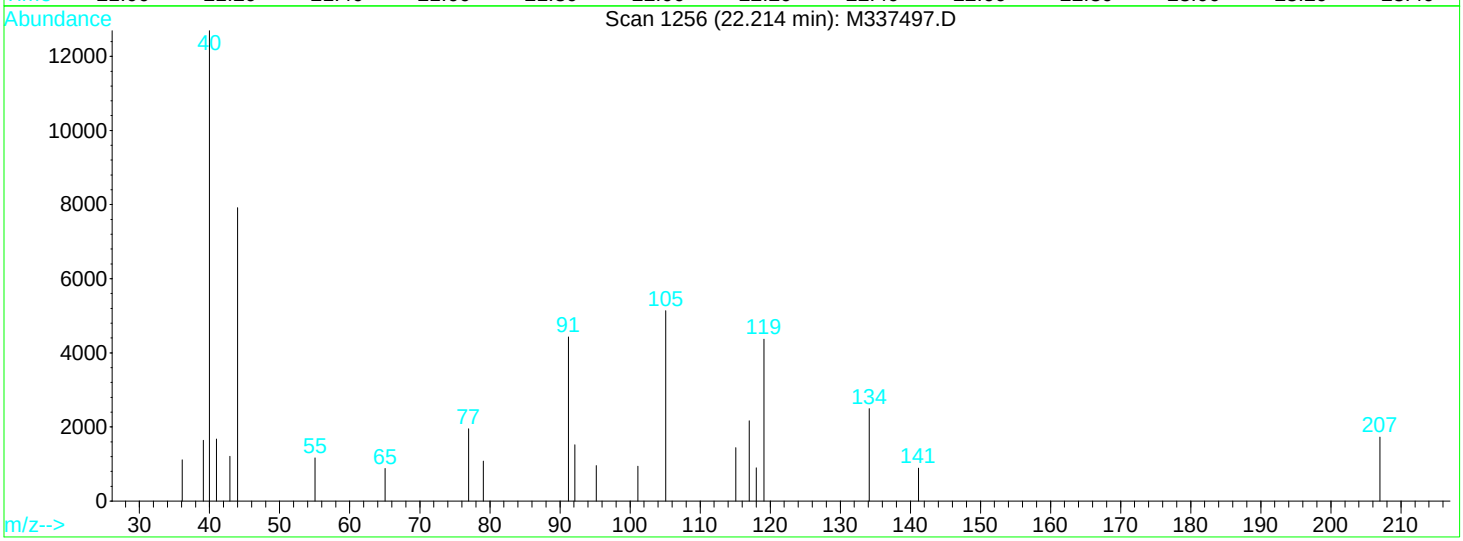
Ion	Exp%	Act%
119.00	100	100
91.00	62.70	70.79
134.00	21.80	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(93) n-Butylbenzene

22.21min 0.29ug/l

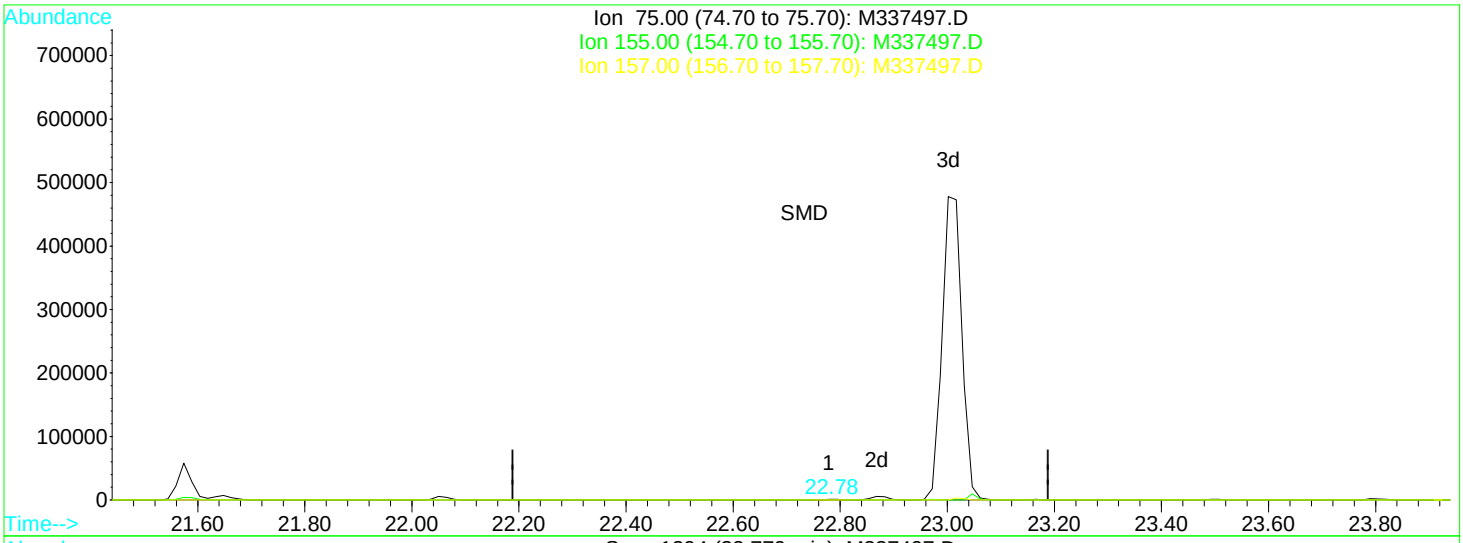
response 17378

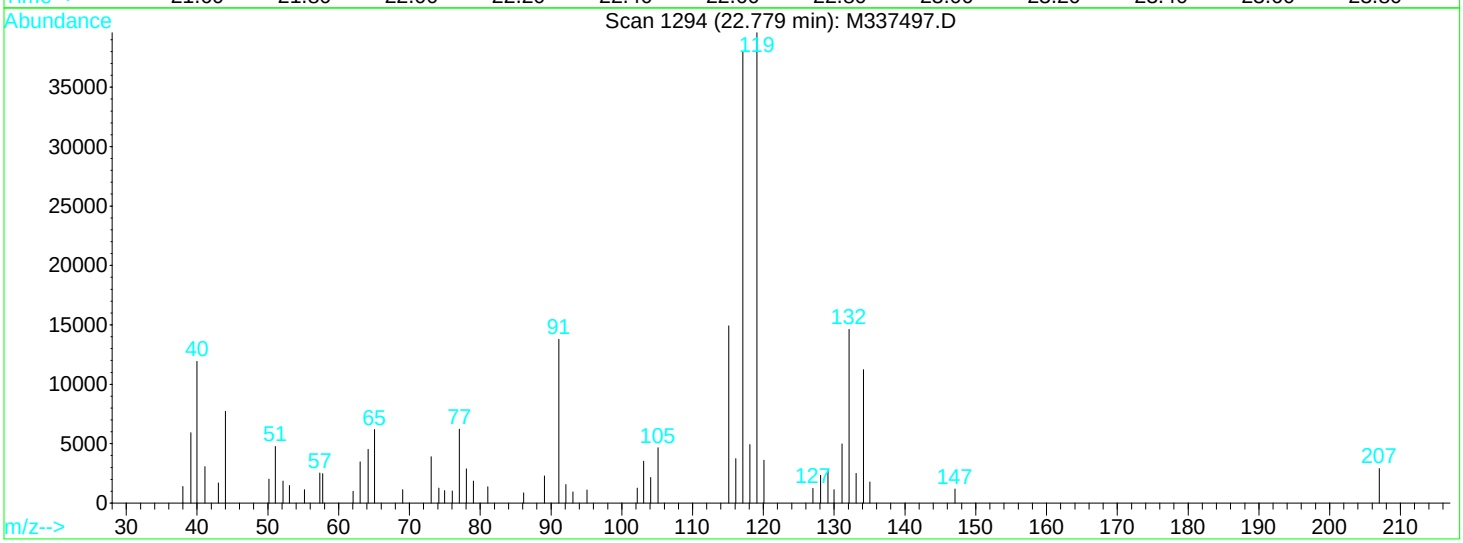
Ion	Exp%	Act%
91.00	100	100
92.00	56.30	34.23
134.00	20.60	56.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337497.D

(95) 1,2-Dibromo-3-Chloropropane

22.78min 0.63ug/l

response 1699

Ion	Exp%	Act%
75.00	100	100
155.00	83.00	0.00#
157.00	101.70	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:35 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

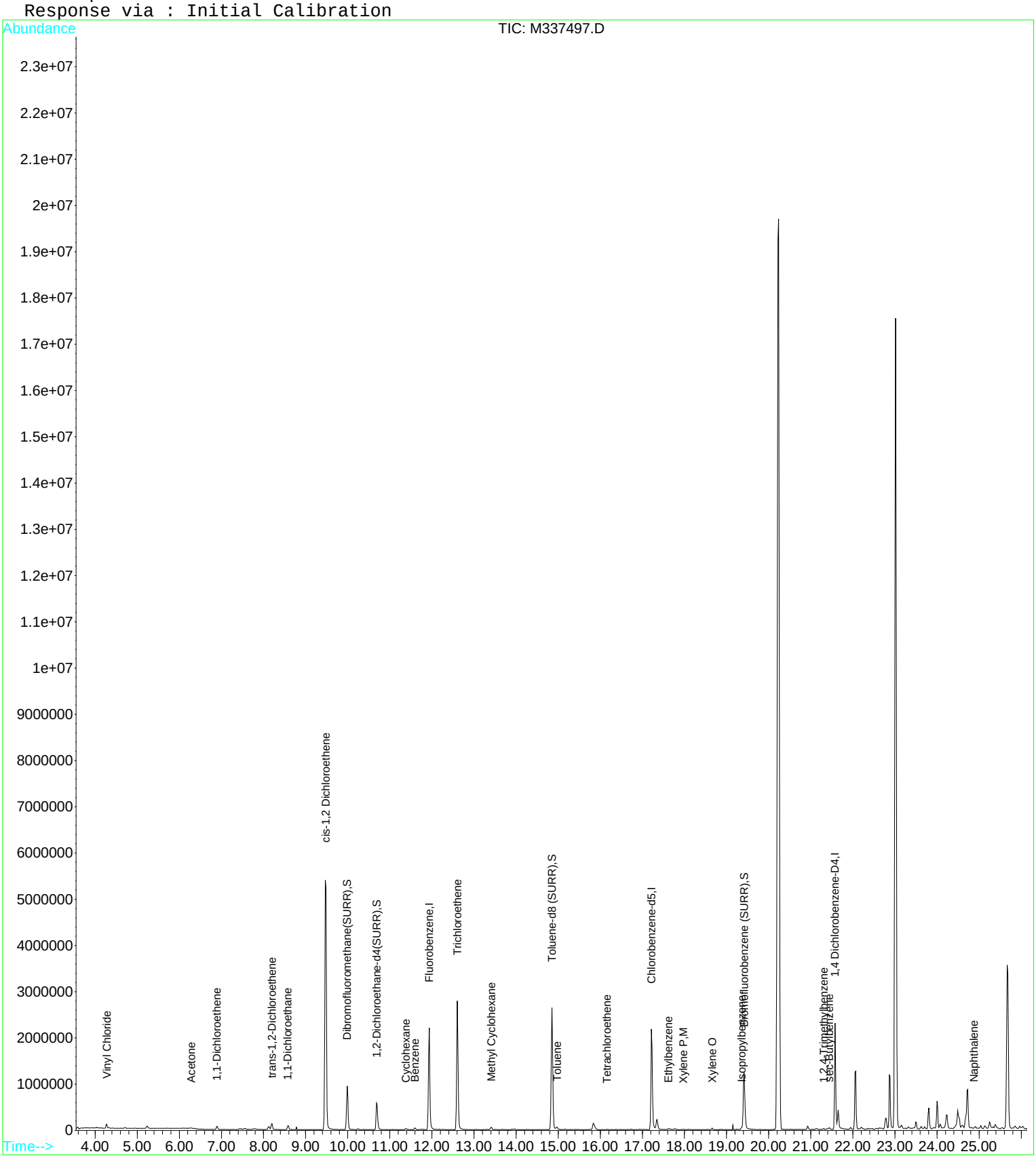
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.94	96	2852302	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.22	117	2038705	25.00	ug/l	-0.03
76) 1,4 Dichlorobenzene-D4	21.57	152	804914	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.99	111	781319	22.17	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.68%			
41) 1,2-Dichloroethane-d4(SURR	10.69	65	452655	23.44	ug/l	-0.03
Spiked Amount 25.000			Recovery = 93.76%			
59) Toluene-d8 (SURR)	14.85	98	2493249	23.72	ug/l	-0.03
Spiked Amount 25.000			Recovery = 94.88%			
75) Bromofluorobenzene (SURR)	19.42	95	863693	23.94	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.76%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.28	62	94647	3.89	ug/l	87
10) Acetone	6.28	58	811	0.69	ug/l #	50
16) 1,1-Dichloroethene	6.89	96	36089	1.35	ug/l	93
20) trans-1,2-Dichloroethene	8.20	96	71349	2.41	ug/l	92
21) 1,1-Dichloroethane	8.57	63	109449	2.43	ug/l	98
27) cis-1,2 Dichloroethene	9.48	96	3659855	106.02	ug/l	95
38) Cyclohexane	11.39	56	15340	0.52	ug/l	98
40) Benzene	11.59	78	46352	0.44	ug/l	100
44) Trichloroethene	12.60	95	1345019	45.25	ug/l	99
52) Methyl Cyclohexane	13.41	83	24633	1.06	ug/l	92
57) Toluene	14.97	92	30467	0.44	ug/l	93
63) Tetrachloroethene	16.16	164	3099	0.16	ug/l	89
69) Ethylbenzene	17.62	91	33694	0.30	ug/l	86
70) Xylene P,M	17.97	106	7218	0.16	ug/l	88
71) Xylene O	18.66	106	7057	0.16	ug/l	87
79) Isopropylbenzene	19.36	105	52591	0.56	ug/l	91
88) 1,2,4-Trimethylbenzene	21.31	105	15821	0.20	ug/l	94
89) sec-Butylbenzene	21.44	105	30885	0.36	ug/l	96
100) Naphthalene	24.88	128	13827	0.34	ug/l	100

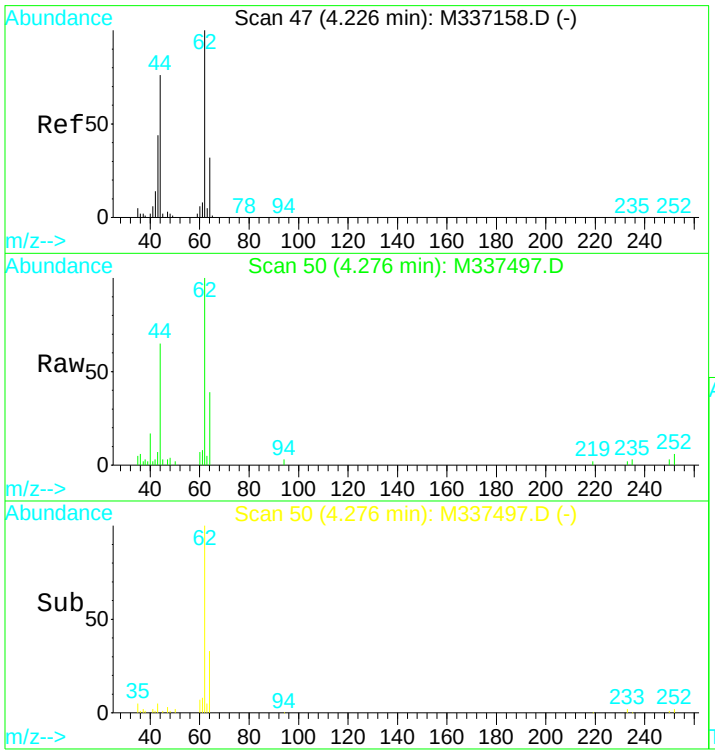
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337497.D Vial: 21
Acq On : 3 Dec 2009 7:02 pm Operator: MD
Sample : 0912038-02 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:35 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

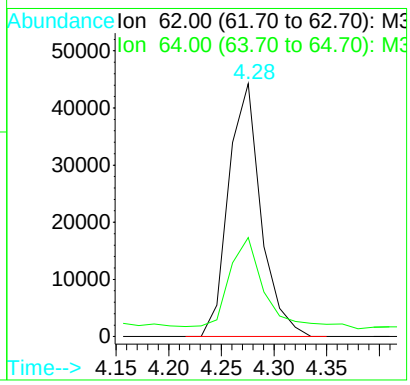


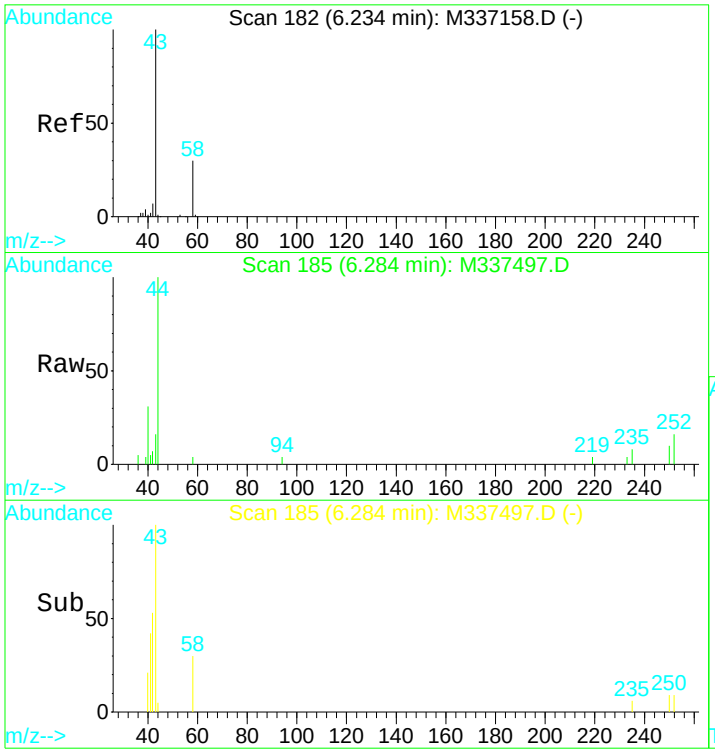


#4
Vinyl Chloride
Concen: 3.89 ug/l
RT: 4.28 min Scan# 50
Delta R.T. 0.00 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 62 Resp: 94647

Ion	Ratio	Lower	Upper
62	100		
64	39.1	1.8	61.8

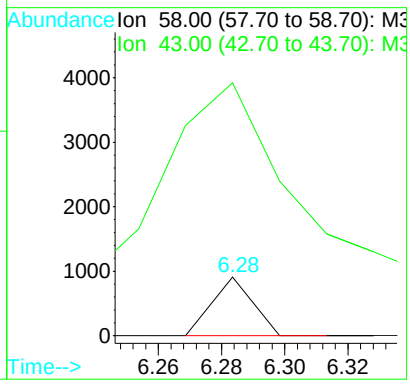


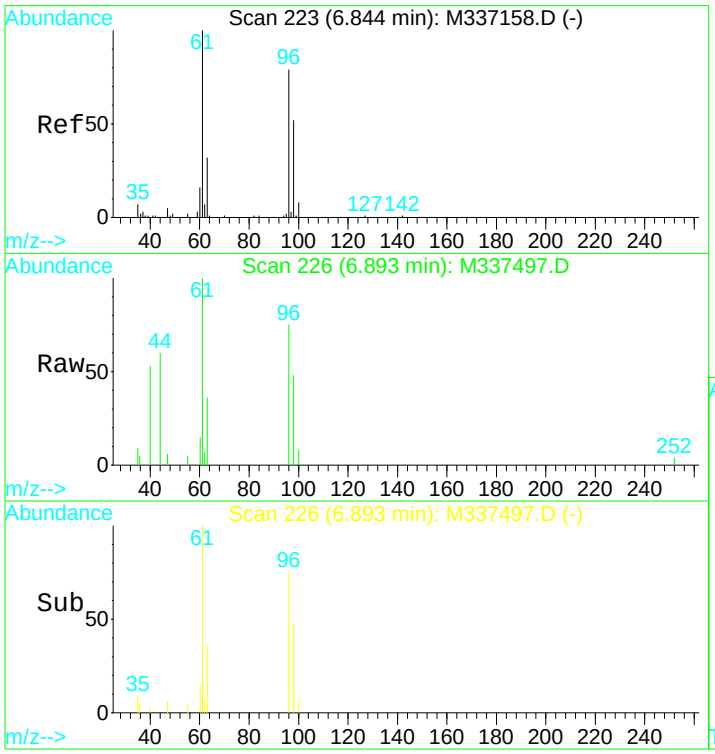


#10
Acetone
Concen: 0.69 ug/l
RT: 6.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 58 Resp: 811

Ion	Ratio	Lower	Upper
58	100		
43	431.2	298.2	358.2#

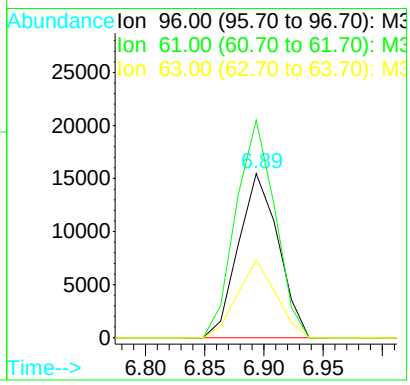


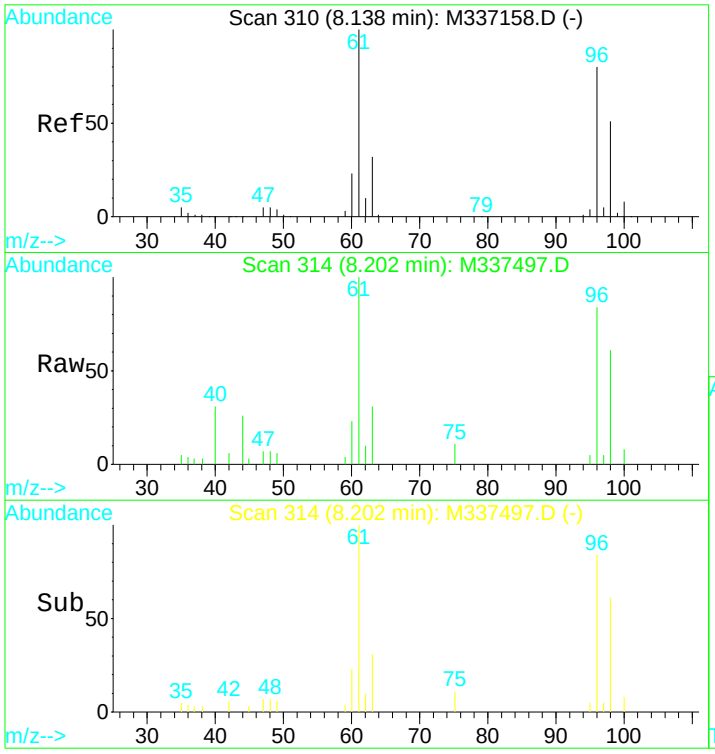


#16
1,1-Dichloroethene
Concen: 1.35 ug/l
RT: 6.89 min Scan# 226
Delta R.T. -0.03 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 96 Resp: 36089

Ion	Ratio	Lower	Upper
96	100		
61	132.5	96.1	156.1
63	47.1	10.0	70.0

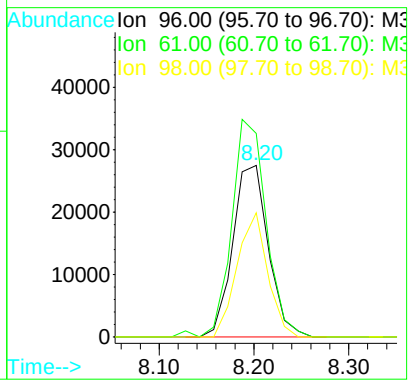


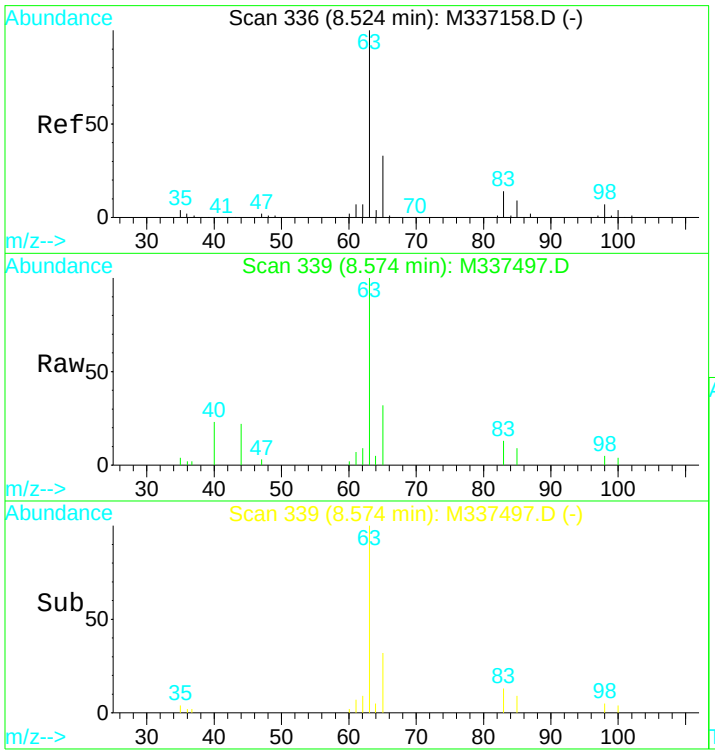


#20
trans-1,2-Dichloroethene
Concen: 2.41 ug/l
RT: 8.20 min Scan# 314
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 96 Resp: 71349

Ion	Ratio	Lower	Upper
96	100		
61	118.6	95.0	155.0
98	72.3	33.4	93.4

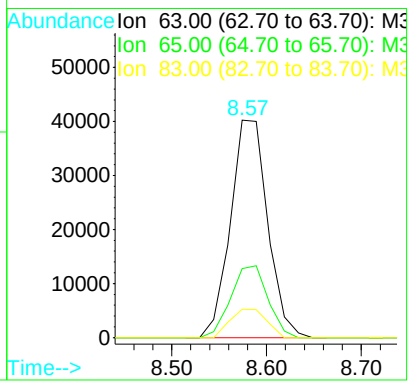


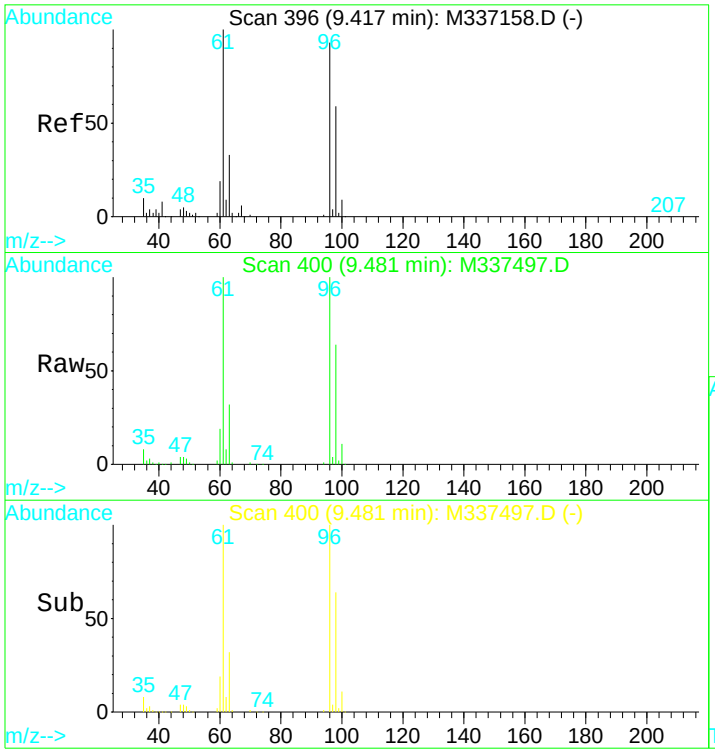


#21
1,1-Dichloroethane
Concen: 2.43 ug/l
RT: 8.57 min Scan# 339
Delta R.T. -0.03 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 63 Resp: 109449

Ion	Ratio	Lower	Upper
63	100		
65	31.8	2.9	62.9
83	13.1	0.0	44.2

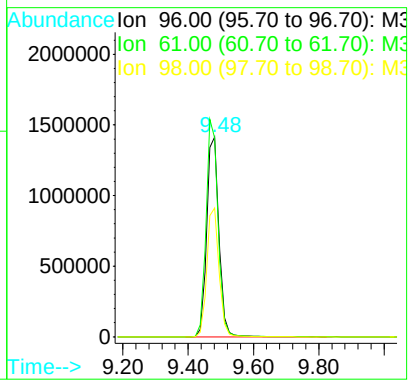


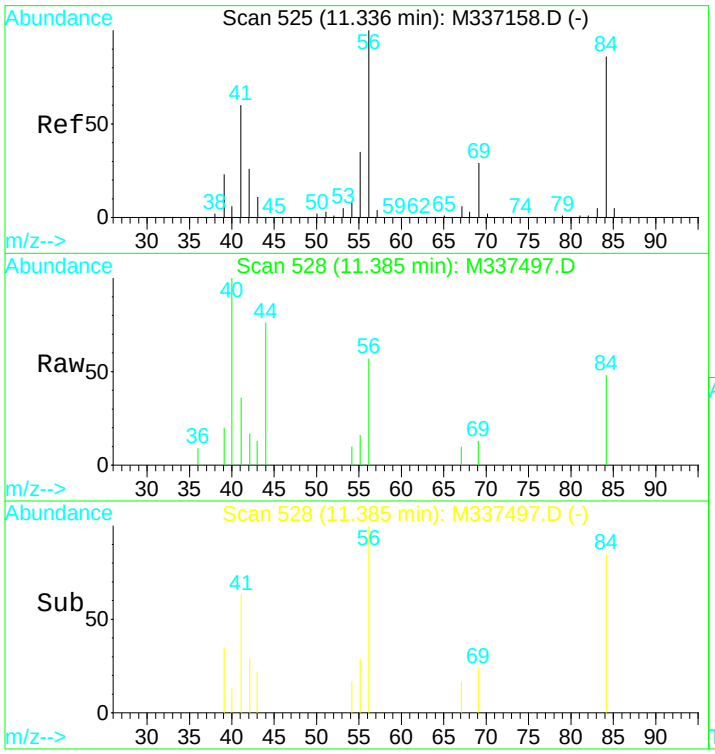


#27
cis-1,2 Dichloroethene
Concen: 106.02 ug/l
RT: 9.48 min Scan# 400
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 96 Resp: 3659855

Ion	Ratio	Lower	Upper
96	100		
61	99.5	77.5	137.5
98	64.4	33.9	93.9

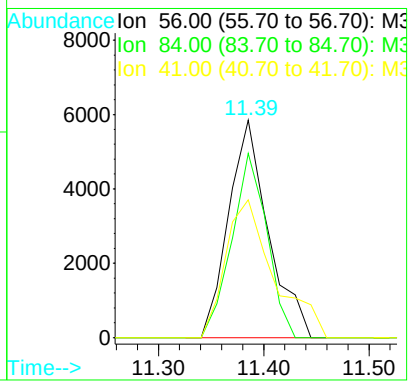


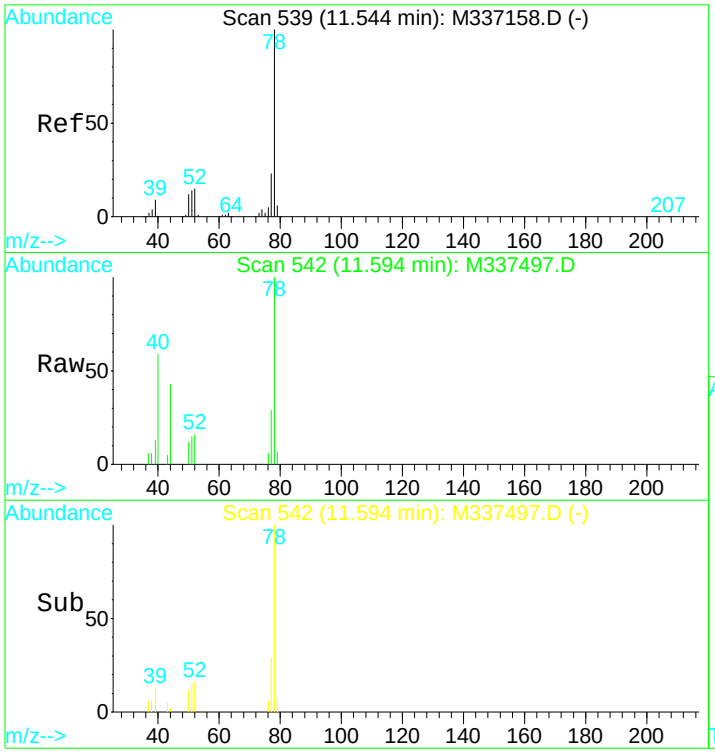


#38
Cyclohexane
Concen: 0.52 ug/l
RT: 11.39 min Scan# 528
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 56 Resp: 15340

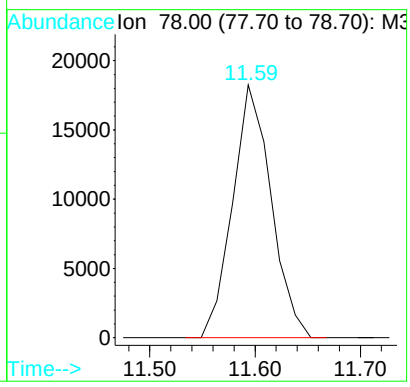
Ion	Ratio	Lower	Upper
56	100		
84	84.7	55.5	115.5
41	63.3	30.1	90.1

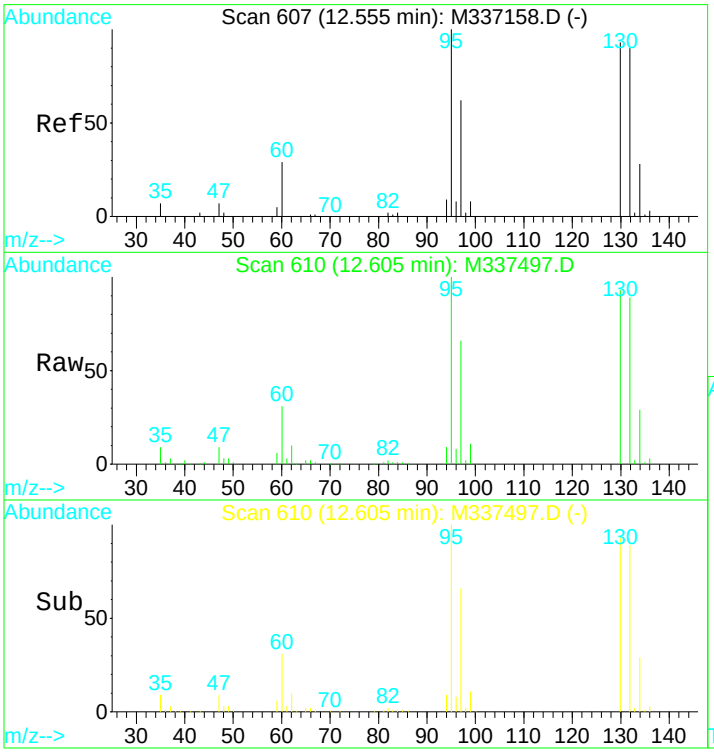




#40
Benzene
Concen: 0.44 ug/l
RT: 11.59 min Scan# 542
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 78 Resp: 46352

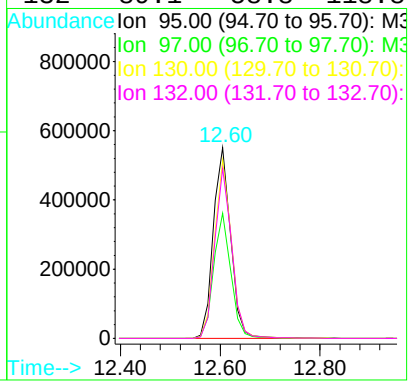


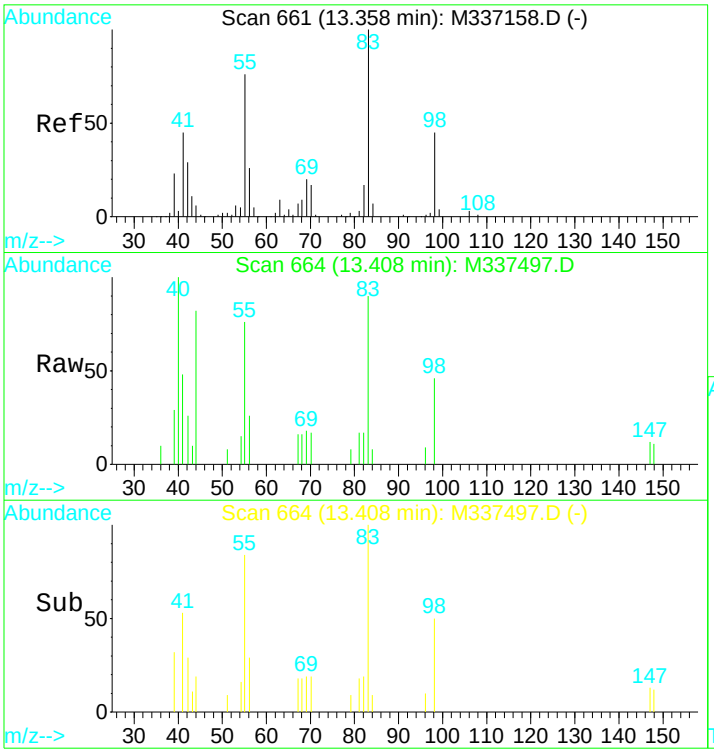


#44
Trichloroethene
Concen: 45.25 ug/l
RT: 12.60 min Scan# 610
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 95 Resp: 1345019

Ion	Ratio	Lower	Upper
95	100		
97	65.6	35.0	95.0
130	93.5	62.7	122.7
132	89.1	58.8	118.8

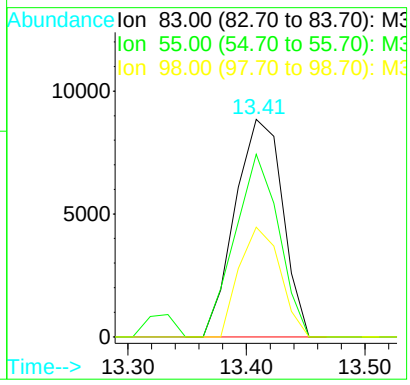


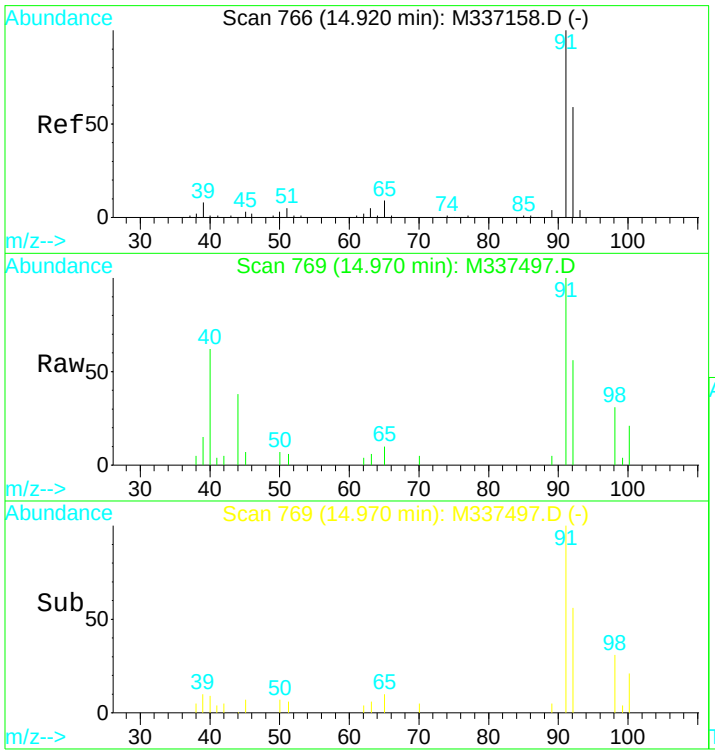


#52
Methyl Cyclohexane
Concen: 1.06 ug/l
RT: 13.41 min Scan# 664
Delta R.T. -0.03 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 83 Resp: 24633

Ion	Ratio	Lower	Upper
83	100		
55	83.9	46.4	106.4
98	50.5	15.4	75.4

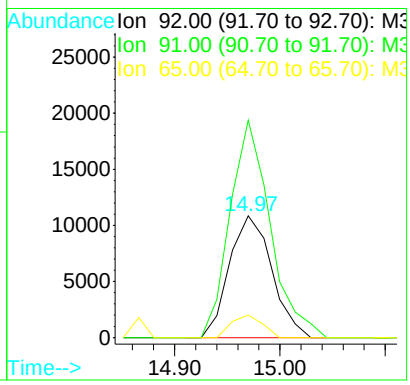


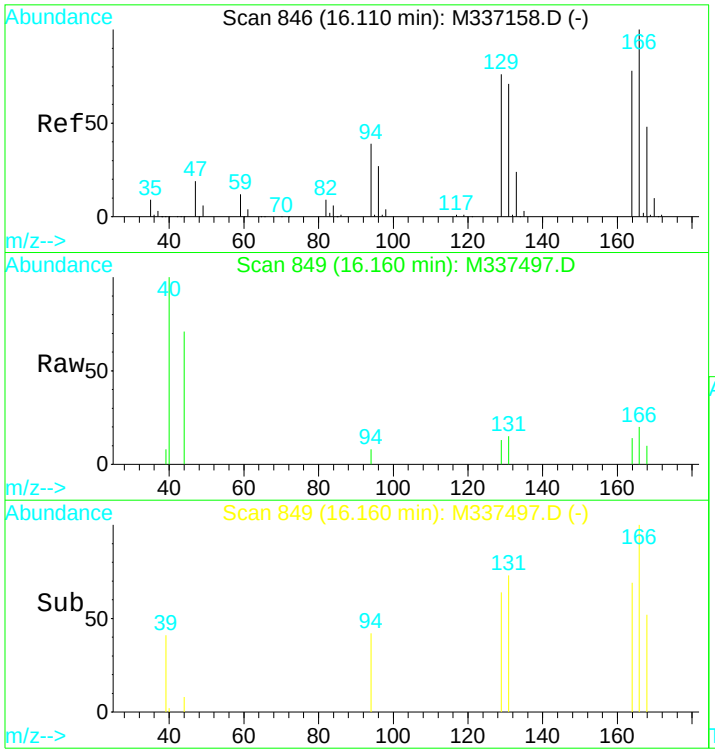


#57
Toluene
Concen: 0.44 ug/l
RT: 14.97 min Scan# 769
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 92 Resp: 30467

Ion	Ratio	Lower	Upper
92	100		
91	178.4	139.1	199.1
65	18.6	0.0	44.5

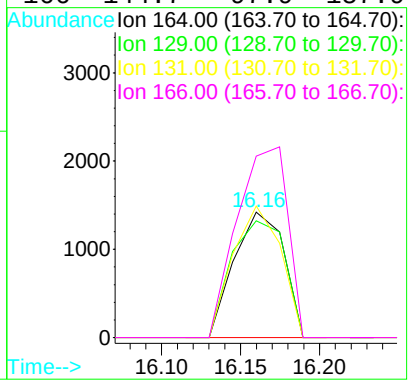


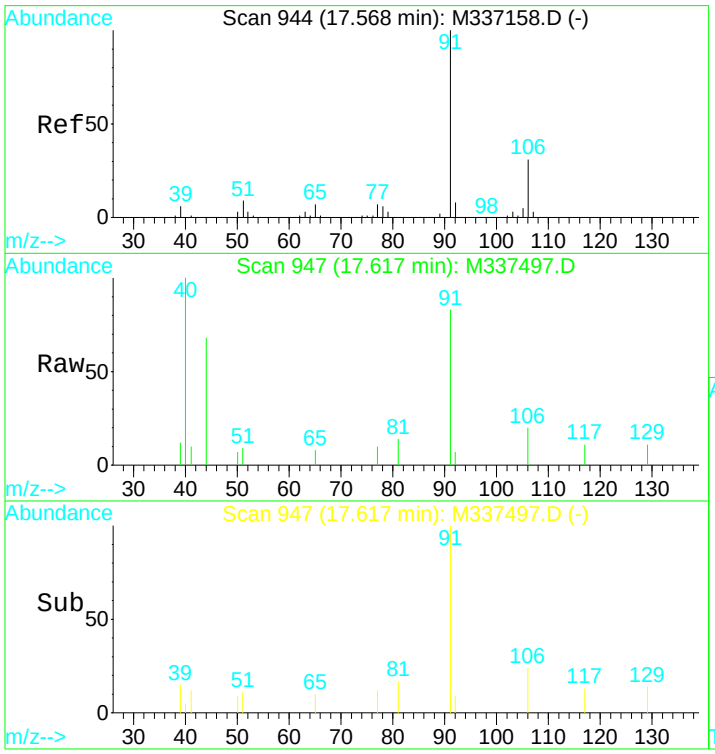


#63
Tetrachloroethene
Concen: 0.16 ug/l
RT: 16.16 min Scan# 849
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion:164 Resp: 3099

Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.7	126.7
131	105.1	61.4	121.4
166	144.7	97.9	157.9

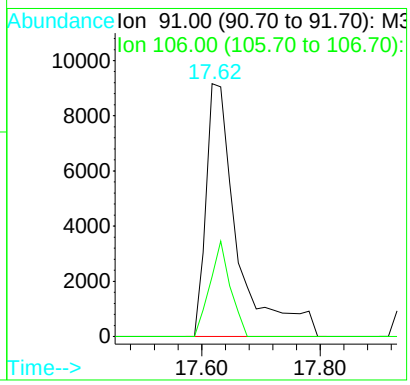


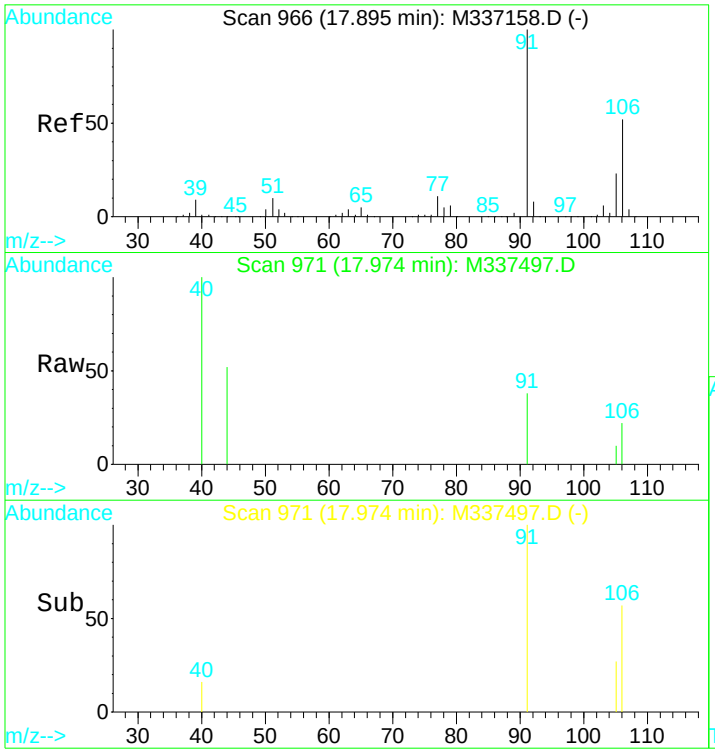


#69
Ethylbenzene
Concen: 0.30 ug/l
RT: 17.62 min Scan# 947
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion: 91 Resp: 33694

Ion	Ratio	Lower	Upper
91	100		
106	23.7	1.4	61.4

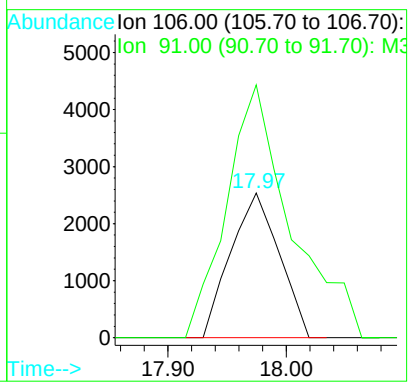


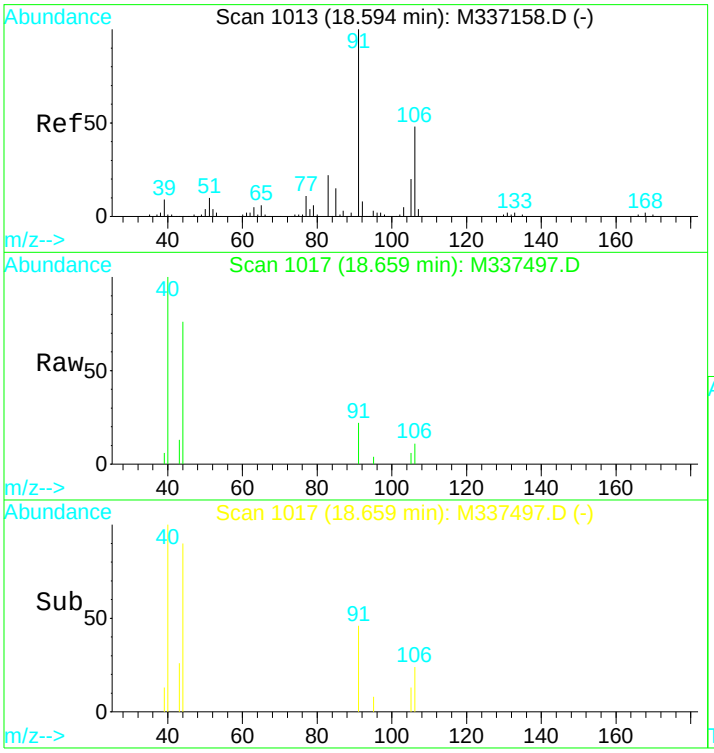


#70
Xylene P,M
Concen: 0.16 ug/l
RT: 17.97 min Scan# 971
Delta R.T. 0.00 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion:106 Resp: 7218

Ion	Ratio	Lower	Upper
106	100		
91	174.6	161.9	221.9

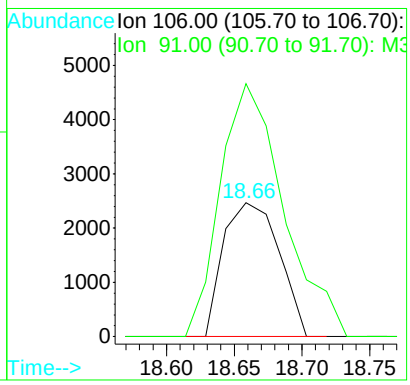


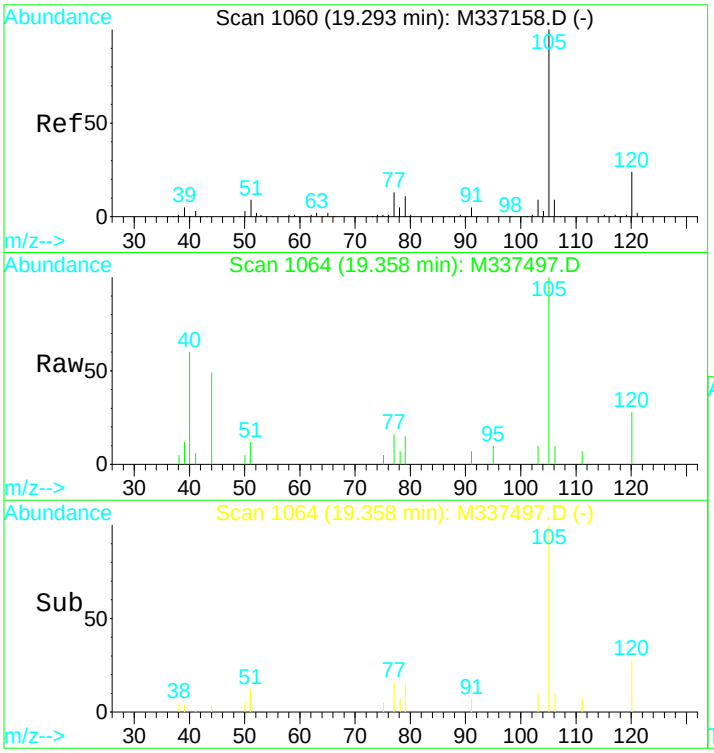


#71
Xylene O
Concen: 0.16 ug/l
RT: 18.66 min Scan# 1017
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion:106 Resp: 7057

Ion	Ratio	Lower	Upper
106	100		
91	188.7	178.4	238.4

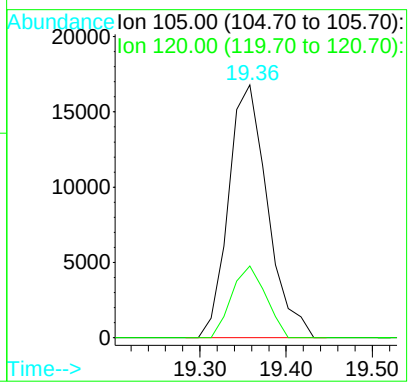


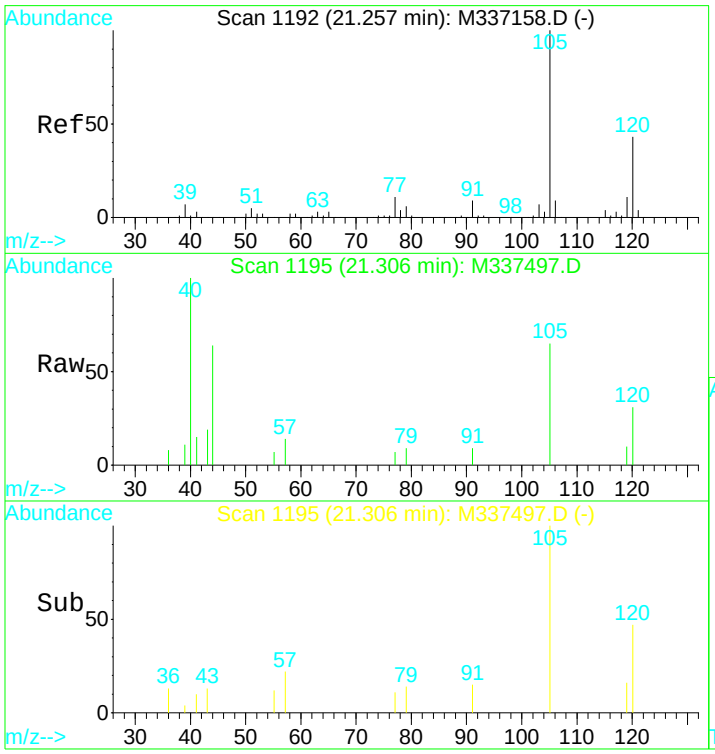


#79
Isopropylbenzene
Concen: 0.56 ug/l
RT: 19.36 min Scan# 1064
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion:105 Resp: 52591

Ion	Ratio	Lower	Upper
105	100		
120	28.4	0.0	54.0

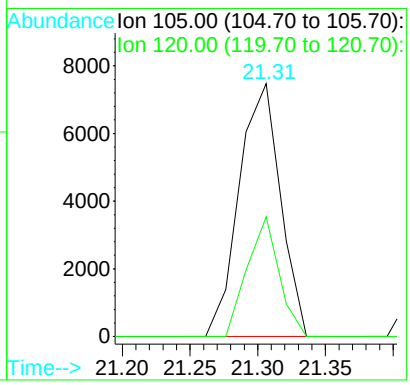


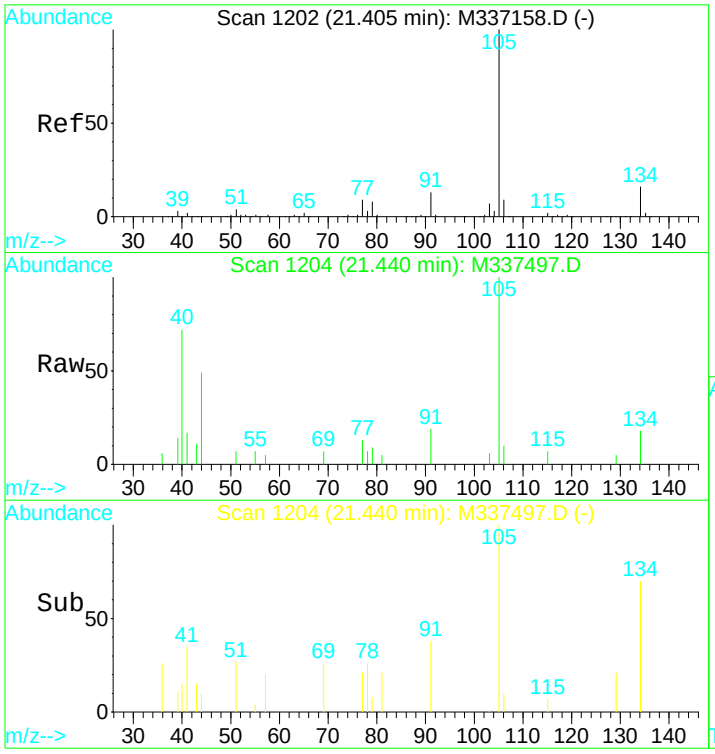


#88
1,2,4-Trimethylbenzene
Concen: 0.20 ug/l
RT: 21.31 min Scan# 1195
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion:105 Resp: 15821

Ion	Ratio	Lower	Upper
105	100		
120	47.4	13.5	73.5

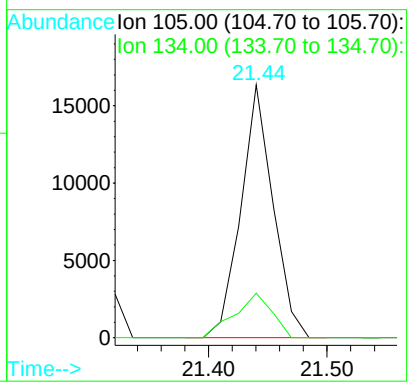


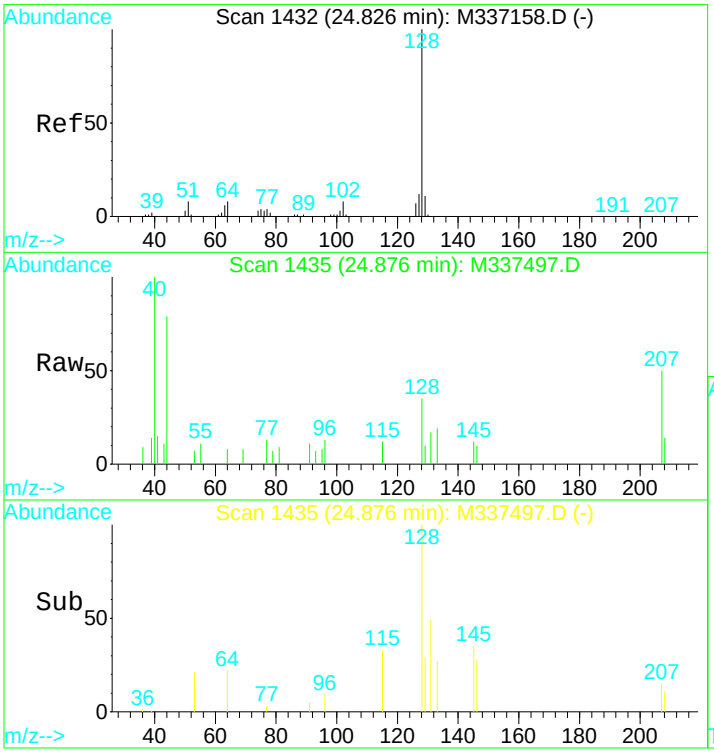


#89
sec-Butylbenzene
Concen: 0.36 ug/l
RT: 21.44 min Scan# 1204
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

Tgt Ion:105 Resp: 30885

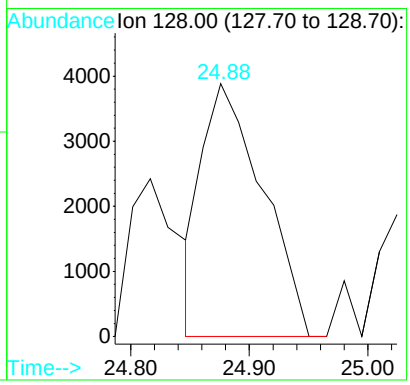
Ion	Ratio	Lower	Upper
105	100		
134	17.6	0.0	45.8





#100
Naphthalene
Concen: 0.34 ug/l
RT: 24.88 min Scan# 1435
Delta R.T. -0.01 min
Lab File: M337497.D
Acq: 3 Dec 2009 7:02 pm

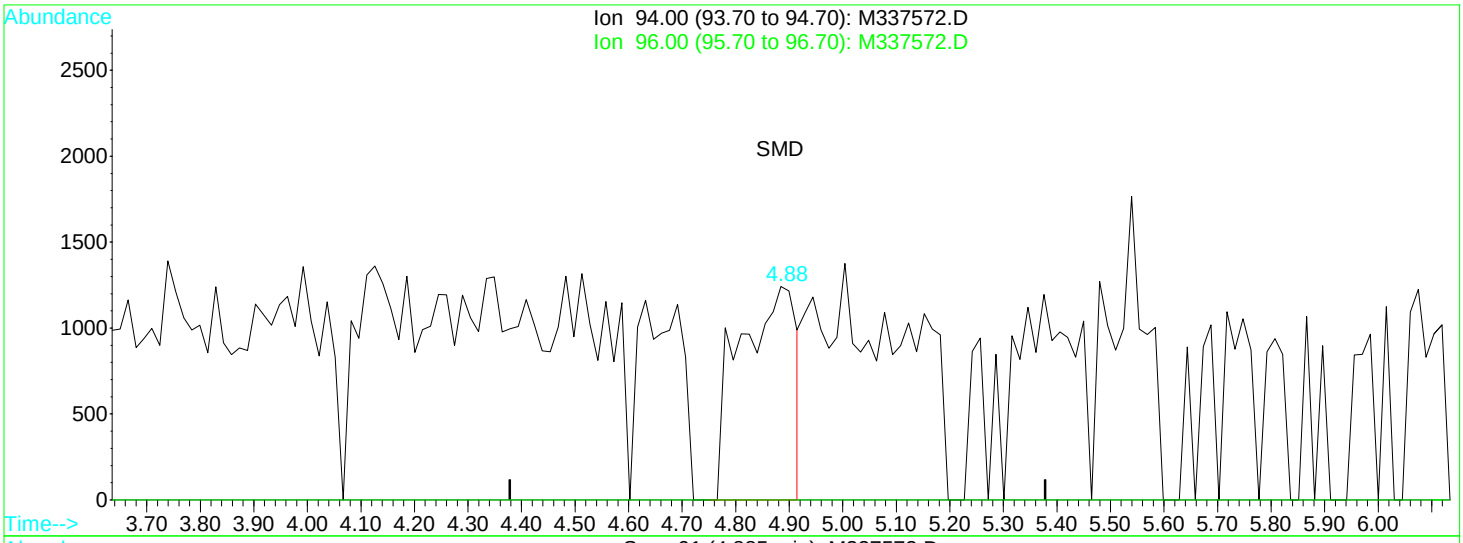
Tgt Ion:128 Resp: 13827

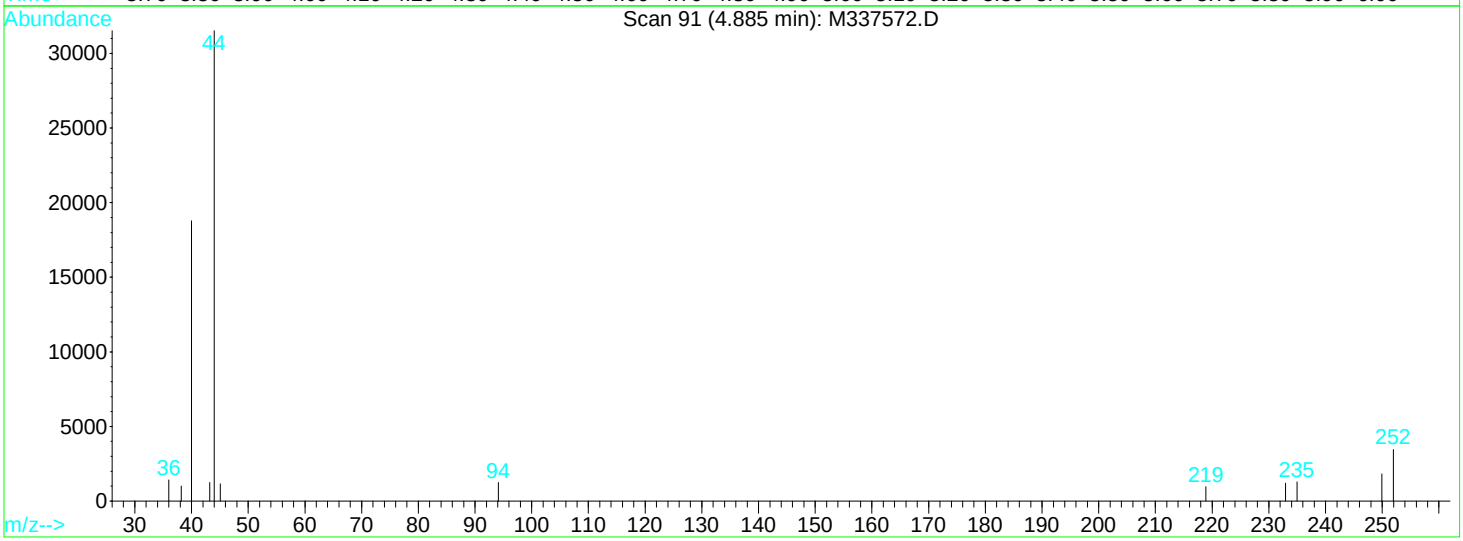


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 14:05 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337572.D

(5) Bromomethane

4.88min 0.57ug/l

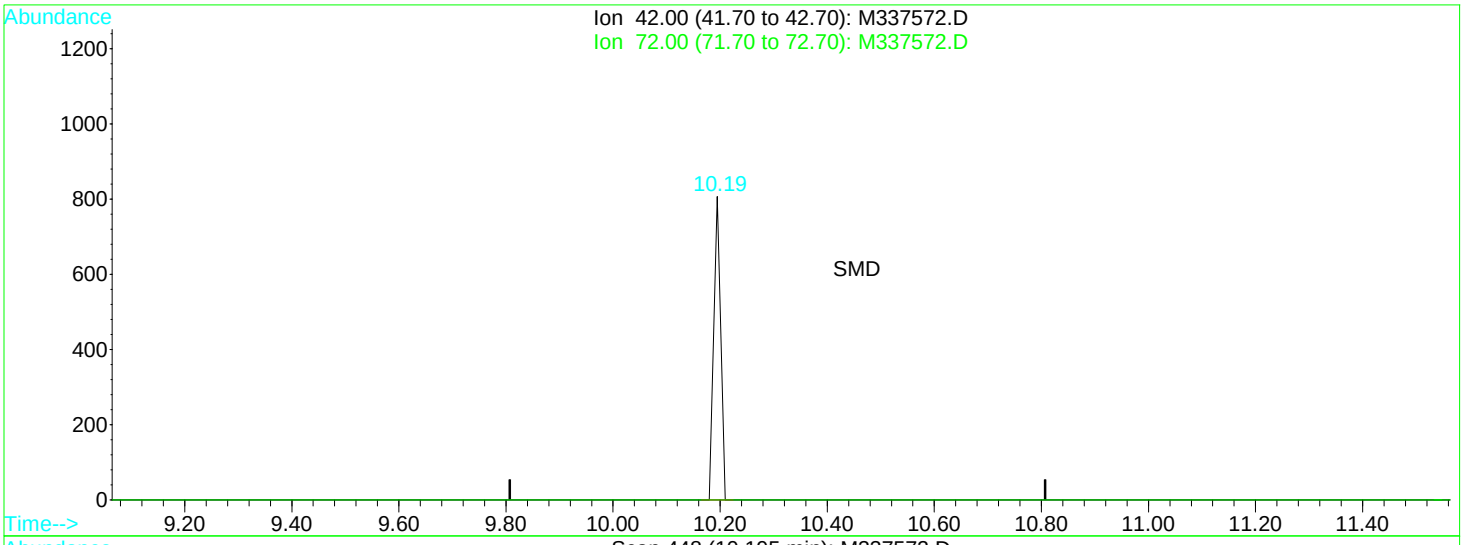
response 9072

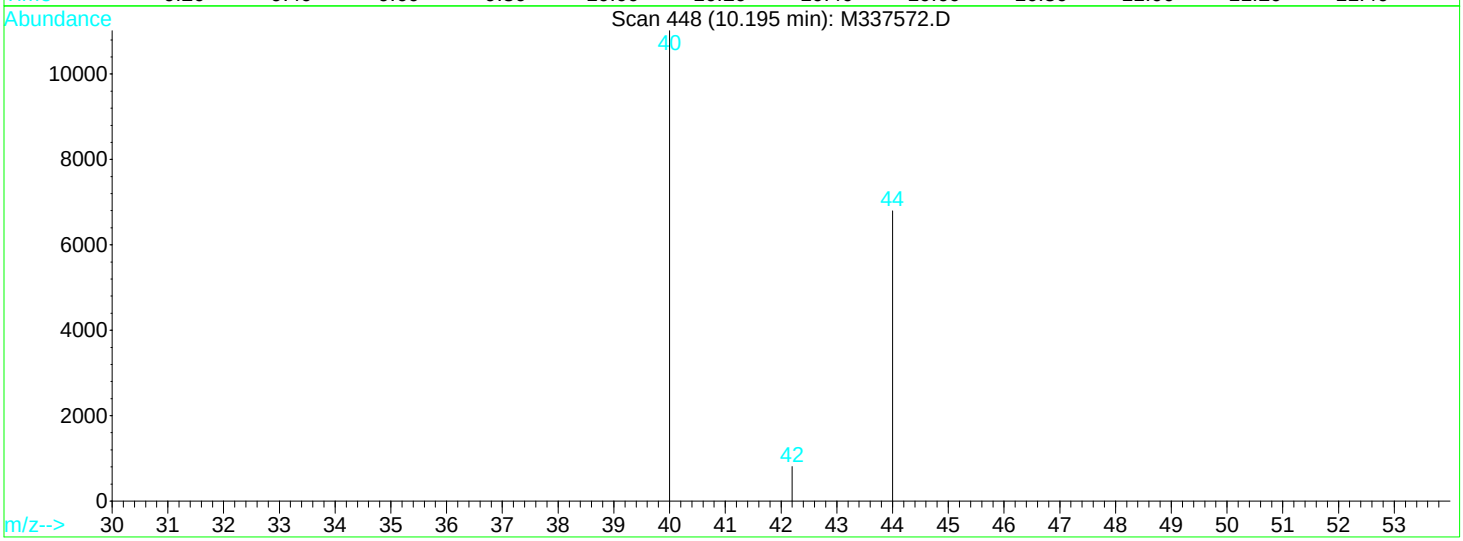
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337572.D

(32) Tetrahydrofuran

10.19min 0.17ug/l

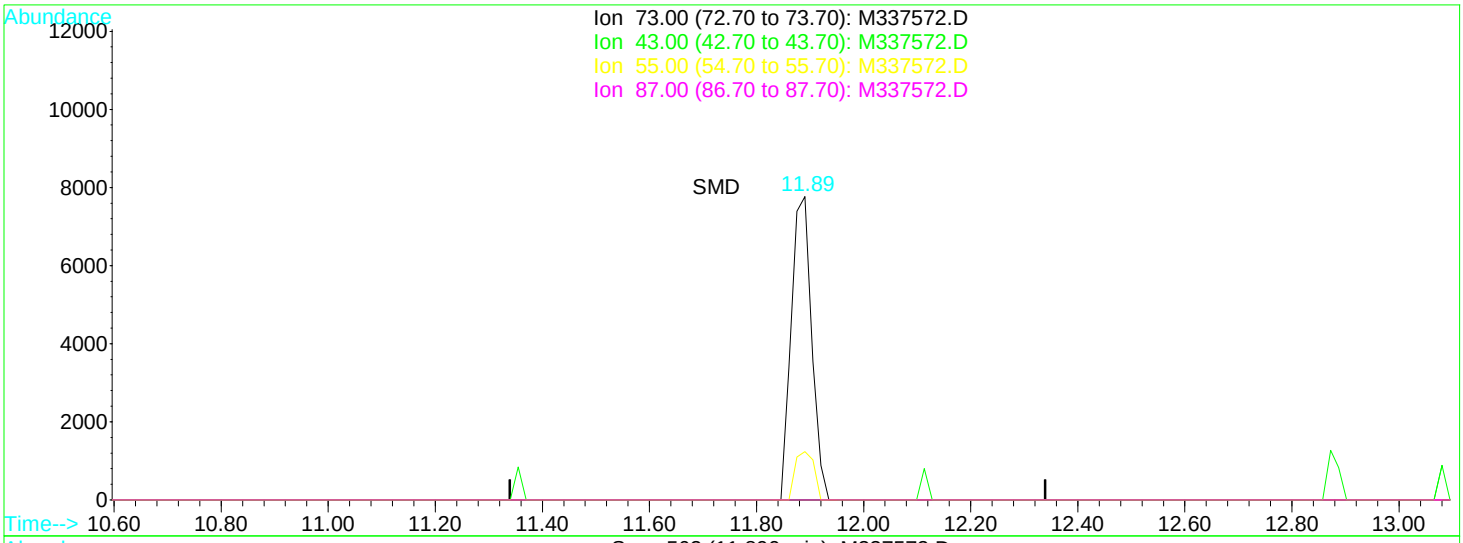
response 720

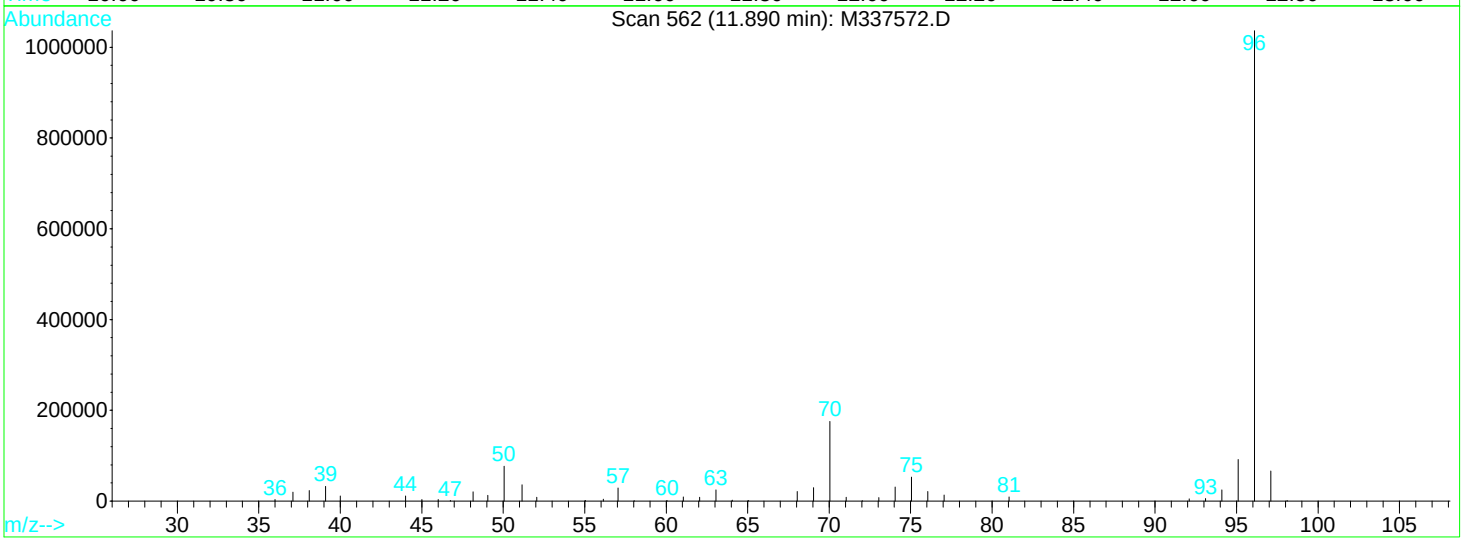
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337572.D

(43) Tertiary-amyl methyl ether

11.89min 0.49ug/l

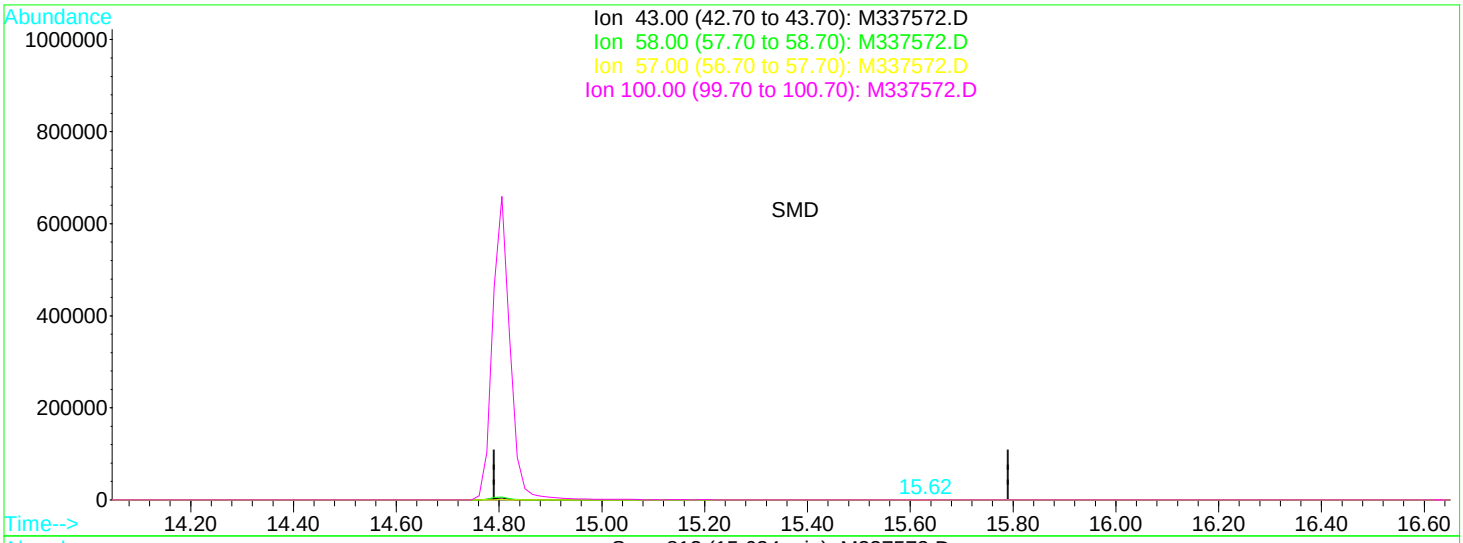
response 20512

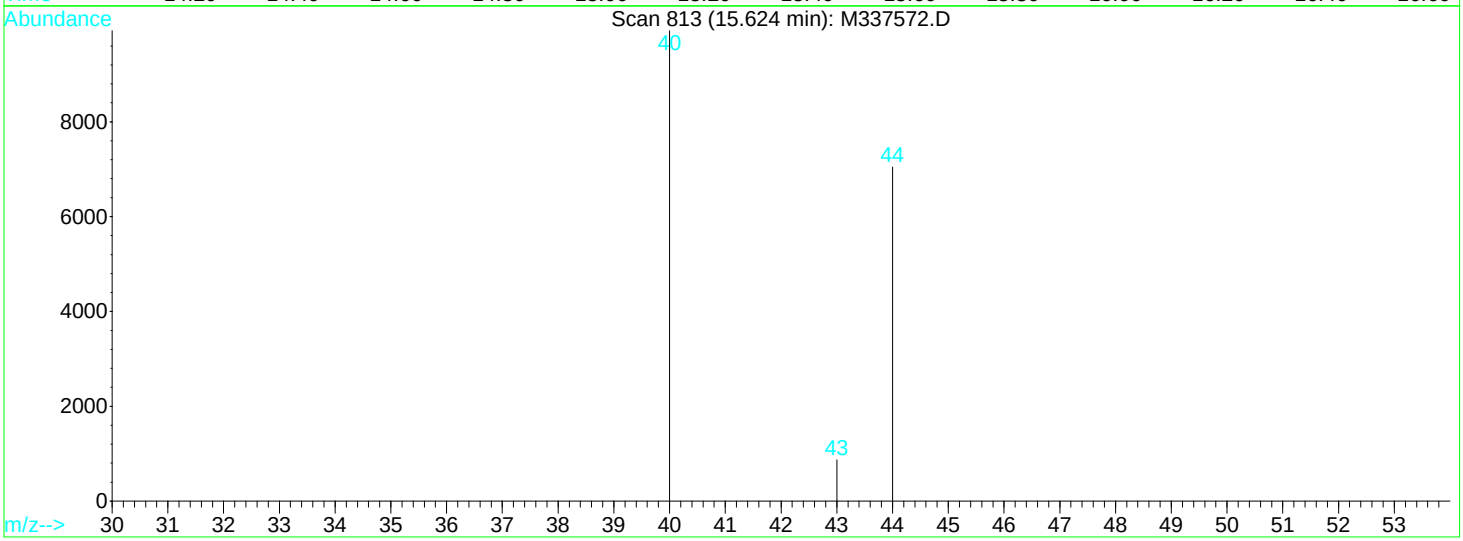
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	15.91
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337572.D

(61) 2-Hexanone

15.62min 7.78ug/l

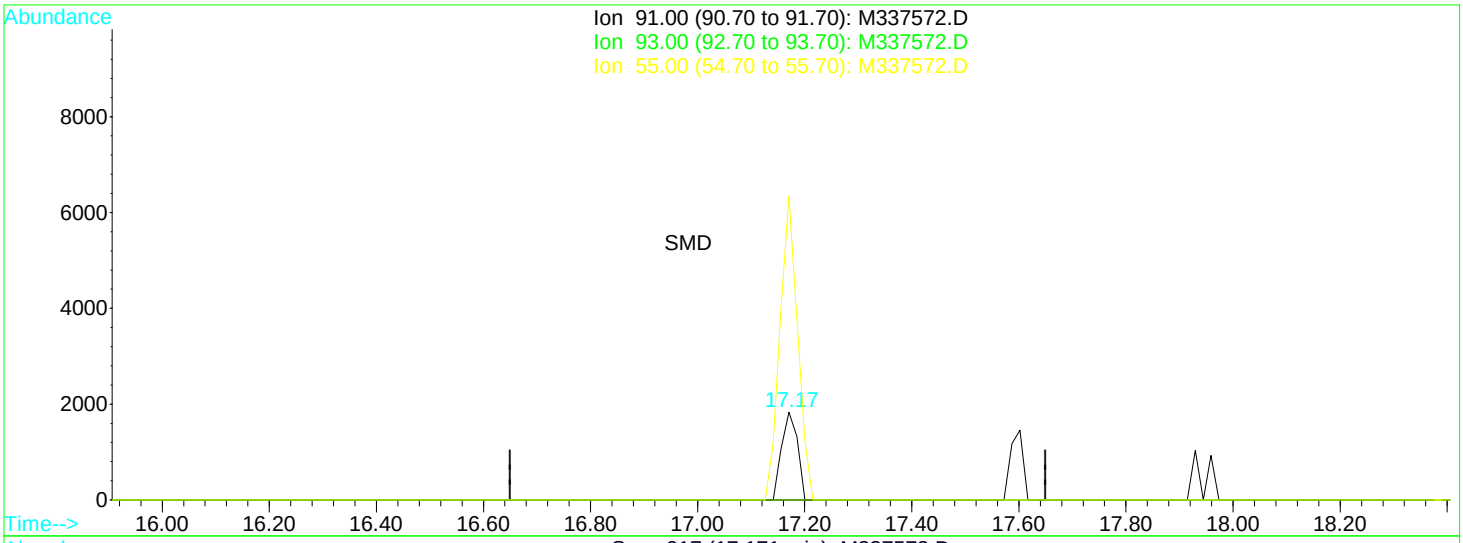
response 775

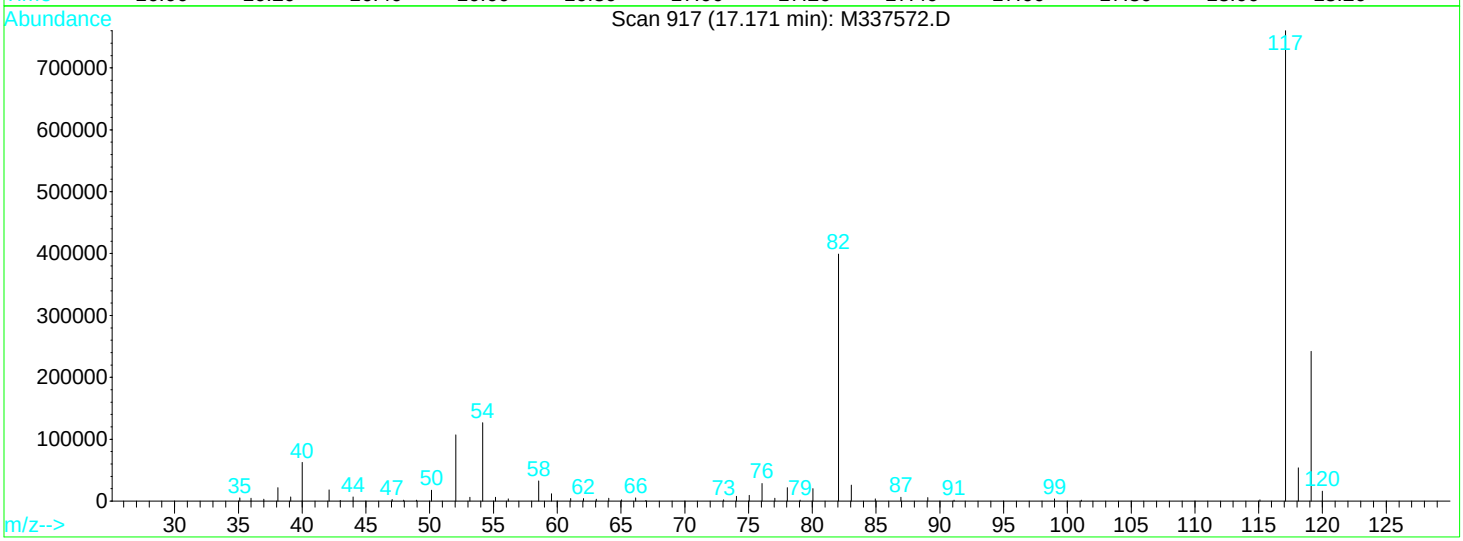
Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	0.00
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337572.D

(66) 1-Chlorohexane

17.17min 0.15ug/l

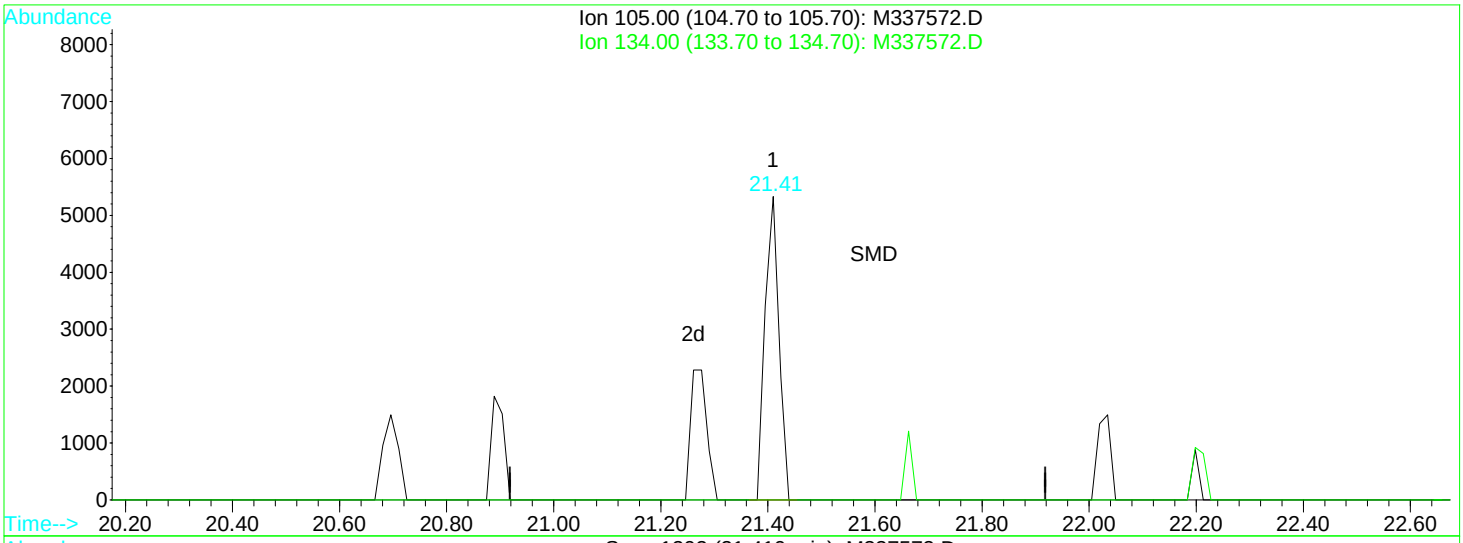
response 3757

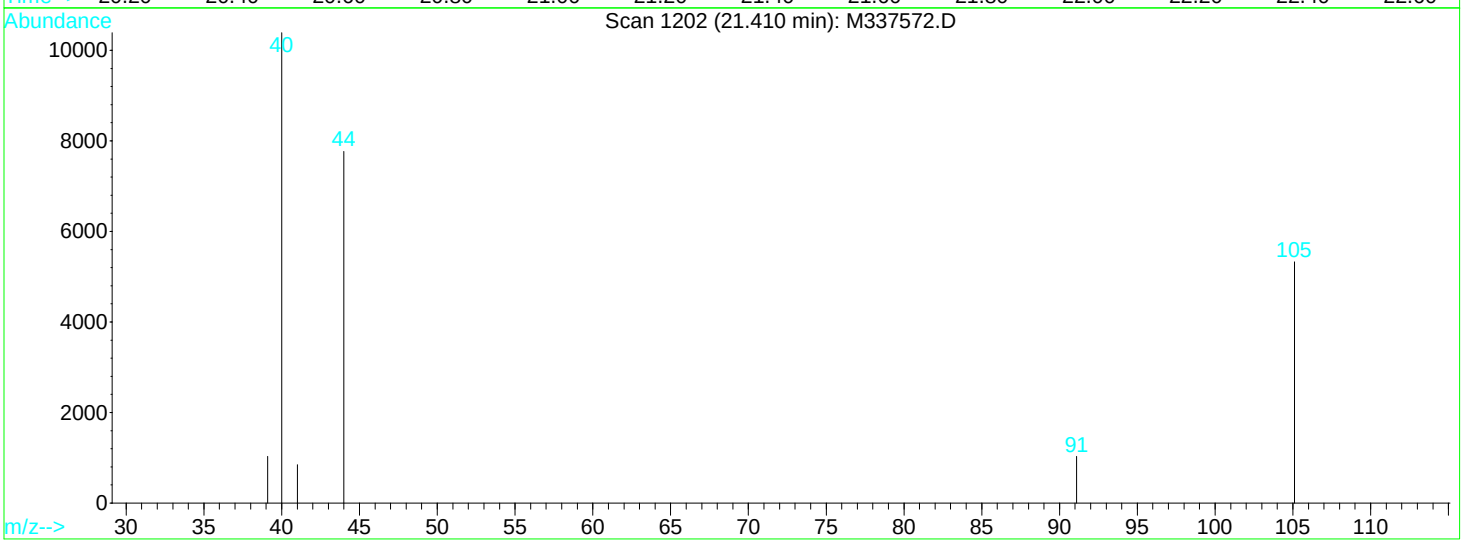
Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	345.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337572.D

(89) sec-Butylbenzene

21.41min 0.13ug/l

response 9718

Ion	Exp%	Act%
105.00	100	100
134.00	15.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:15 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

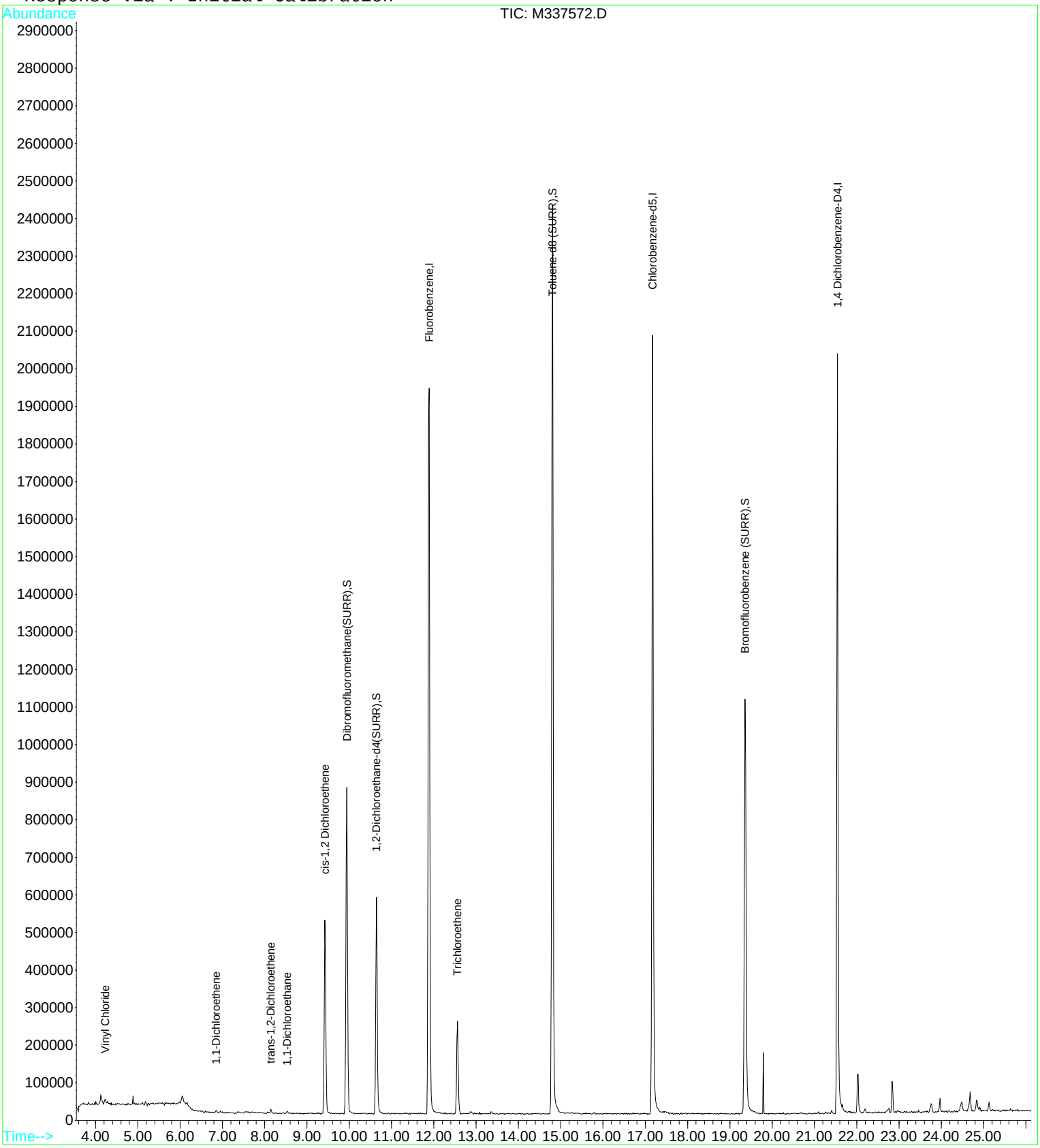
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2685671	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.17	117	1907436	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	703366	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	731103	22.04	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.16%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	428484	23.56	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.24%			
59) Toluene-d8 (SURR)	14.81	98	2327880	23.67	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.68%			
75) Bromofluorobenzene (SURR)	19.36	95	777796	23.04	ug/l	-0.02
Spiked Amount 25.000			Recovery = 92.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.23	62	9790	0.43	ug/l	72
16) 1,1-Dichloroethene	6.85	96	3347	0.13	ug/l	92
20) trans-1,2-Dichloroethene	8.14	96	7639	0.27	ug/l	87
21) 1,1-Dichloroethane	8.53	63	9388	0.22	ug/l	73
27) cis-1,2 Dichloroethene	9.42	96	320758	9.87	ug/l	96
44) Trichloroethene	12.56	95	123918	4.43	ug/l	98

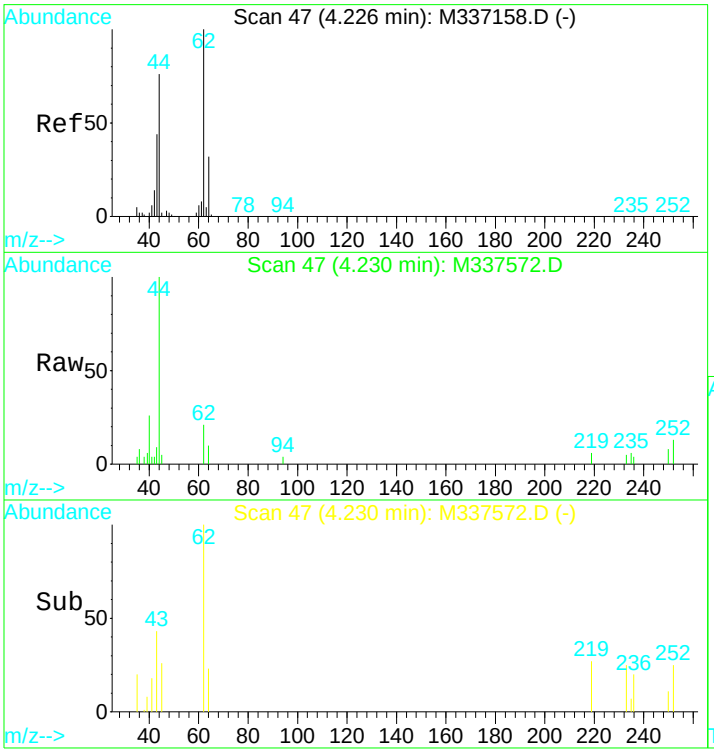
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337572.D Vial: 11
Acq On : 8 Dec 2009 1:35 pm Operator: MD
Sample : 0912038-02RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:15 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

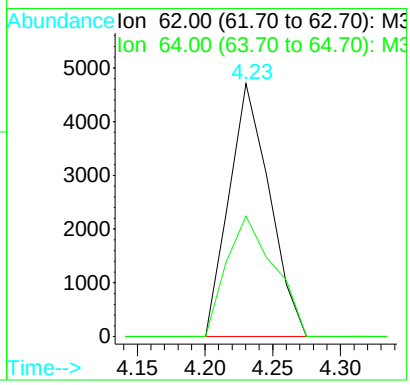


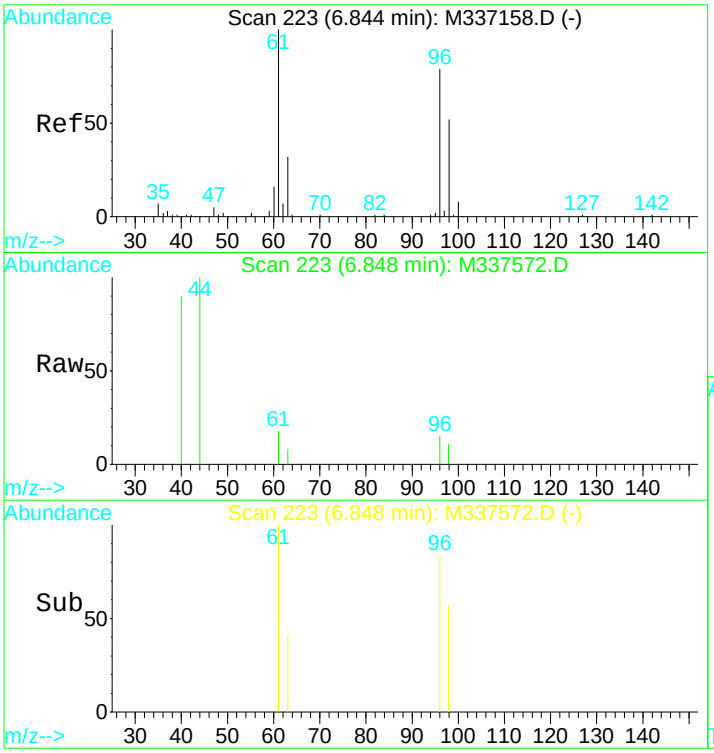


#4
Vinyl Chloride
Concen: 0.43 ug/l
RT: 4.23 min Scan# 47
Delta R.T. -0.01 min
Lab File: M337572.D
Acq: 8 Dec 2009 1:35 pm

Tgt Ion: 62 Resp: 9790

Ion	Ratio	Lower	Upper
62	100		
64	47.6	1.8	61.8

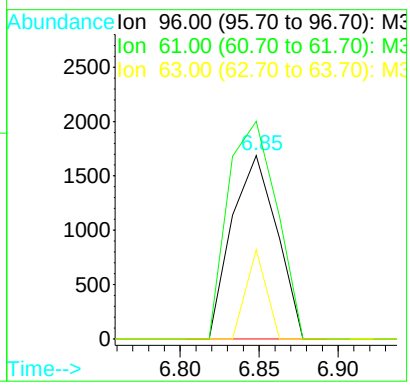


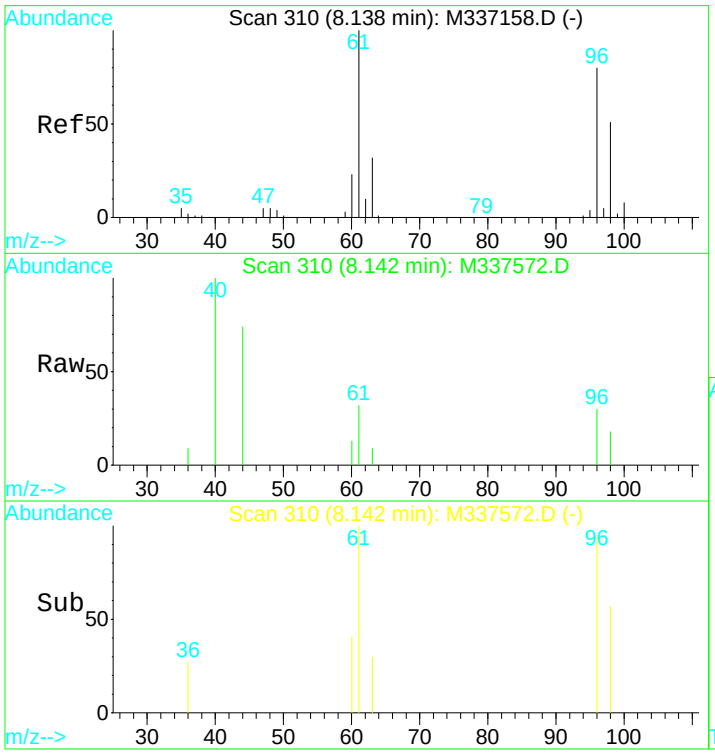


#16
1,1-Dichloroethene
Concen: 0.13 ug/l
RT: 6.85 min Scan# 223
Delta R.T. -0.01 min
Lab File: M337572.D
Acq: 8 Dec 2009 1:35 pm

Tgt Ion: 96 Resp: 3347

Ion	Ratio	Lower	Upper
96	100		
61	118.7	96.1	156.1
63	48.7	10.0	70.0

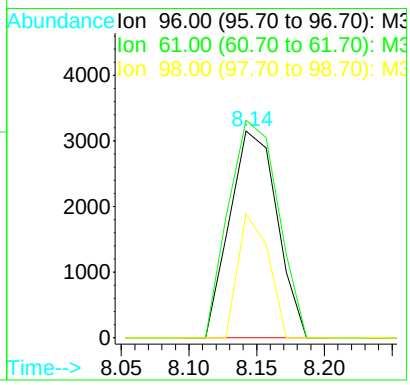


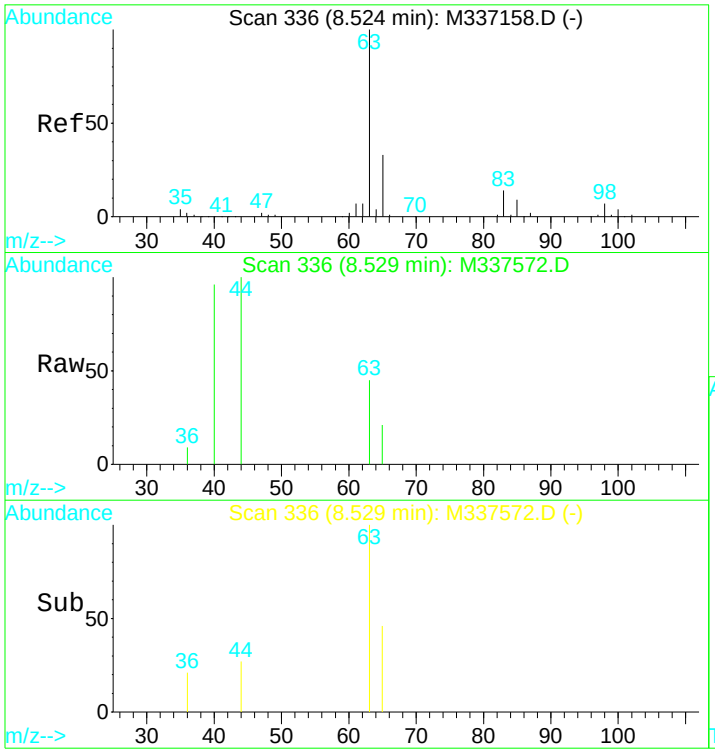


#20
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 8.14 min Scan# 310
Delta R.T. -0.02 min
Lab File: M337572.D
Acq: 8 Dec 2009 1:35 pm

Tgt Ion: 96 Resp: 7639

Ion	Ratio	Lower	Upper
96	100		
61	105.3	95.0	155.0
98	59.8	33.4	93.4

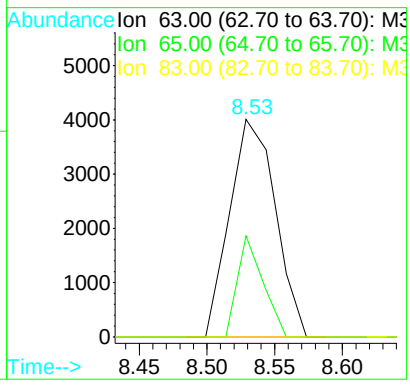


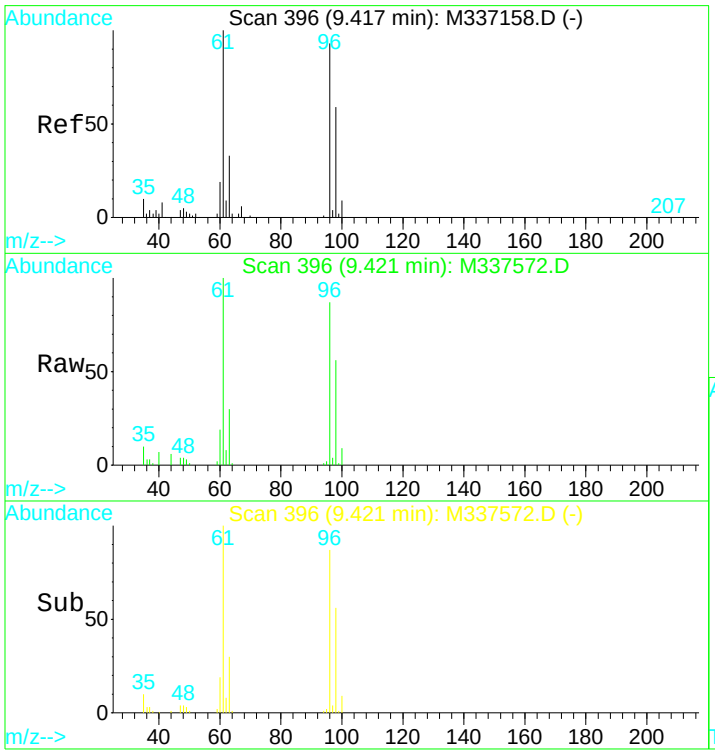


#21
1,1-Dichloroethane
Concen: 0.22 ug/l
RT: 8.53 min Scan# 336
Delta R.T. -0.01 min
Lab File: M337572.D
Acq: 8 Dec 2009 1:35 pm

Tgt Ion: 63 Resp: 9388

Ion	Ratio	Lower	Upper
63	100		
65	46.4	2.9	62.9
83	0.0	0.0	44.2

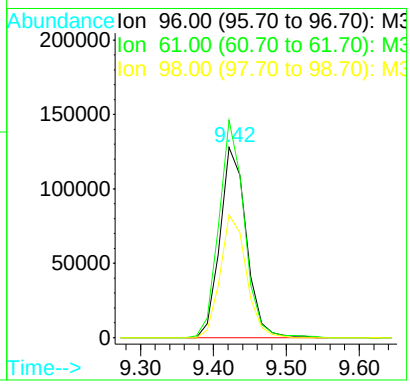


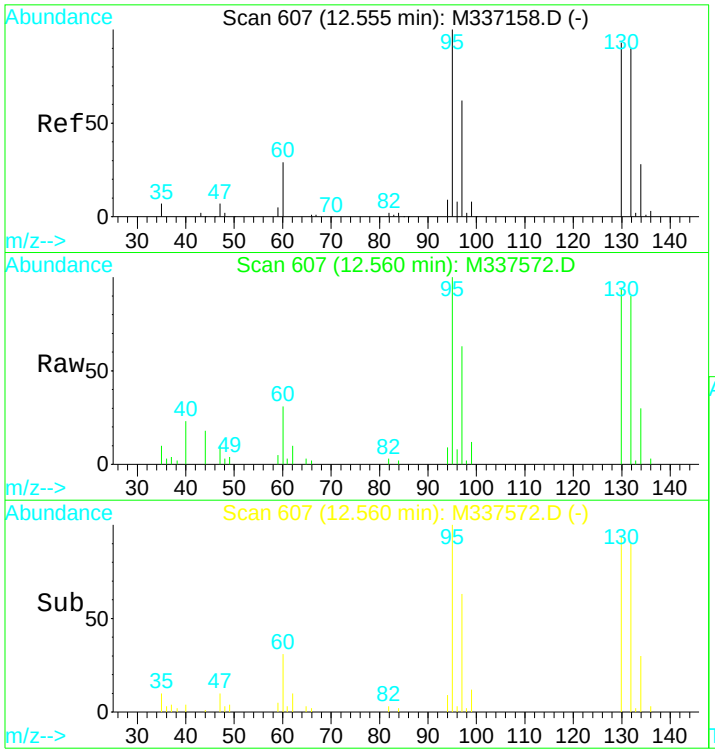


#27
cis-1,2 Dichloroethene
Concen: 9.87 ug/l
RT: 9.42 min Scan# 396
Delta R.T. -0.02 min
Lab File: M337572.D
Acq: 8 Dec 2009 1:35 pm

Tgt Ion: 96 Resp: 320758

Ion	Ratio	Lower	Upper
96	100		
61	114.4	77.5	137.5
98	64.5	33.9	93.9

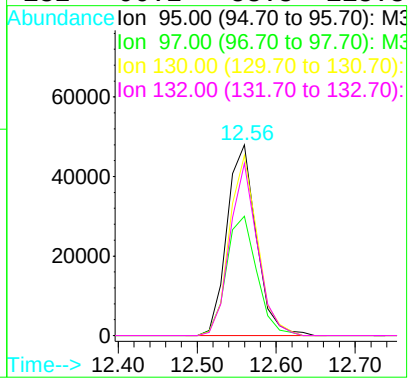




#44
Trichloroethene
Concen: 4.43 ug/l
RT: 12.56 min Scan# 607
Delta R.T. -0.01 min
Lab File: M337572.D
Acq: 8 Dec 2009 1:35 pm

Tgt Ion: 95 Resp: 123918

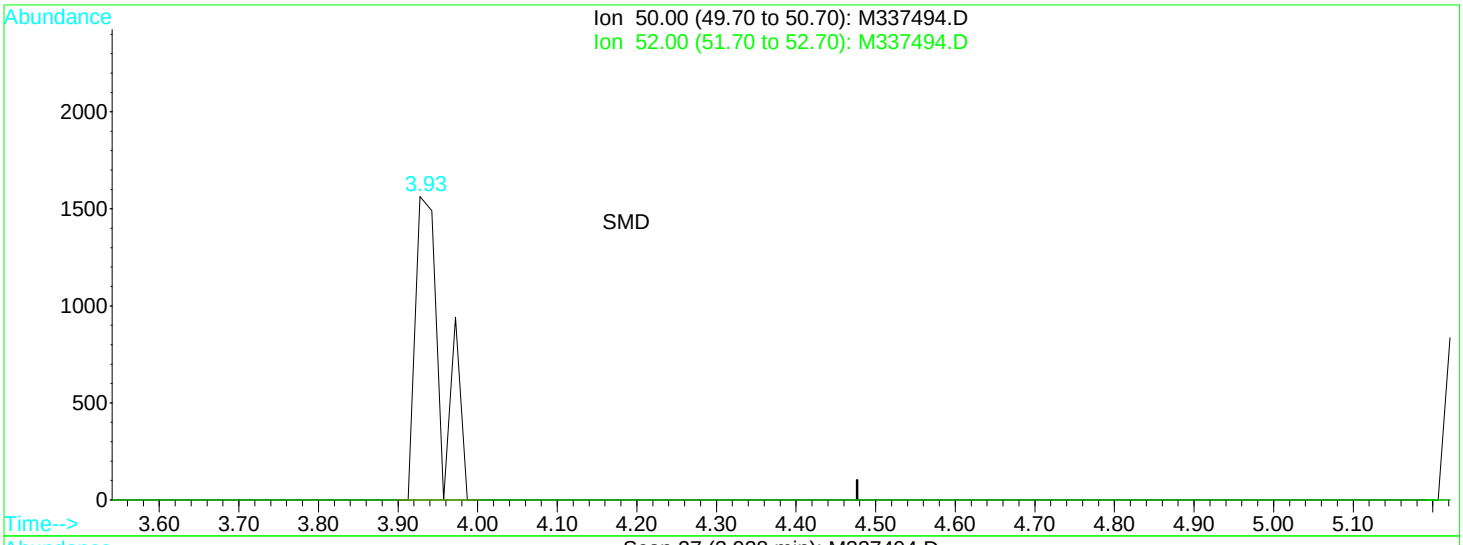
Ion	Ratio	Lower	Upper
95	100		
97	62.5	35.0	95.0
130	94.4	62.7	122.7
132	90.2	58.8	118.8

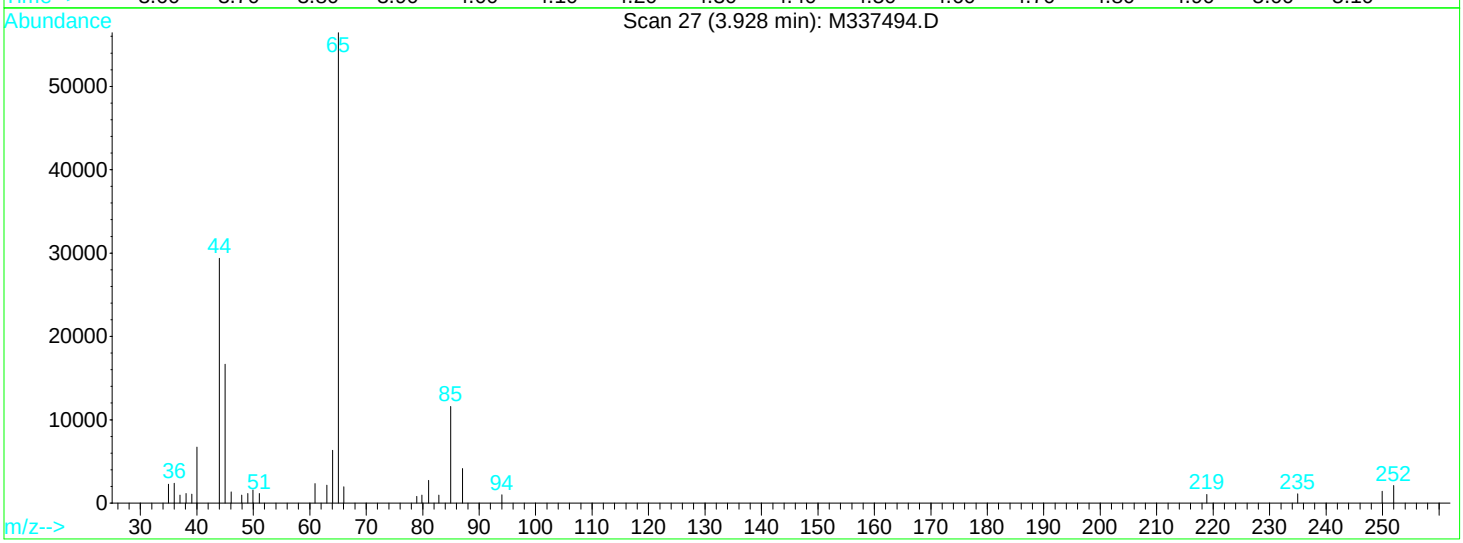


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 17:55 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337494.D

(3) Chloromethane

3.93min 0.11ug/l

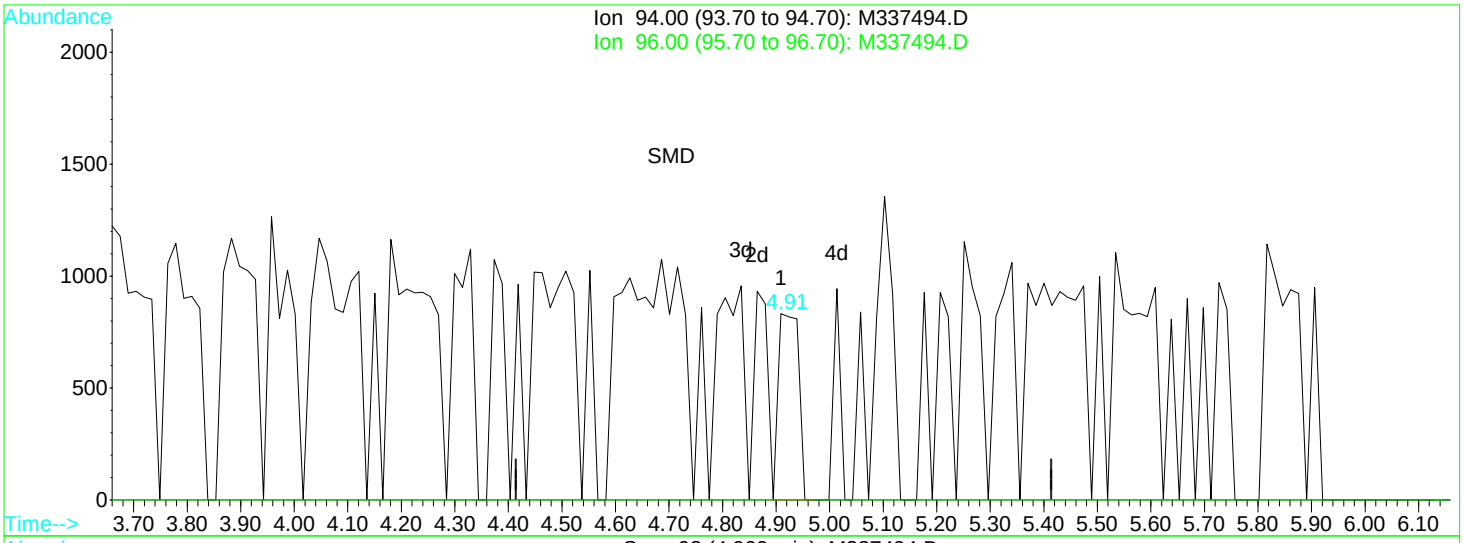
response 3567

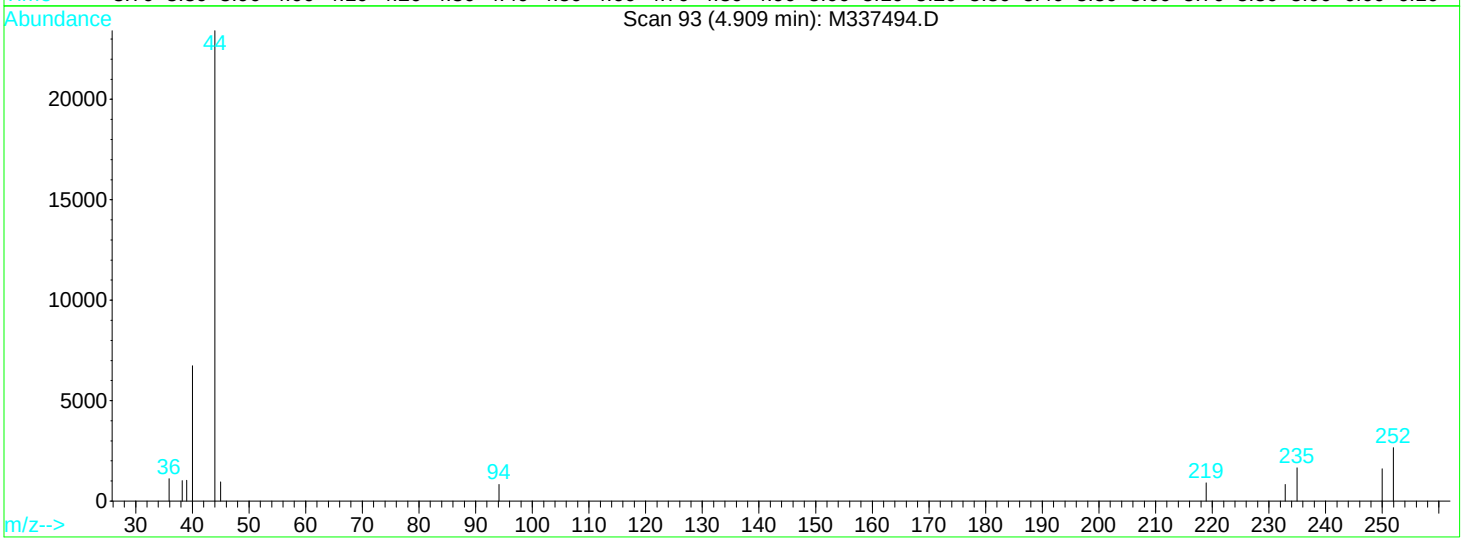
Ion	Exp%	Act%
50.00	100	100
52.00	31.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:27 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337494.D

(5) Bromomethane

4.91min 0.12ug/l

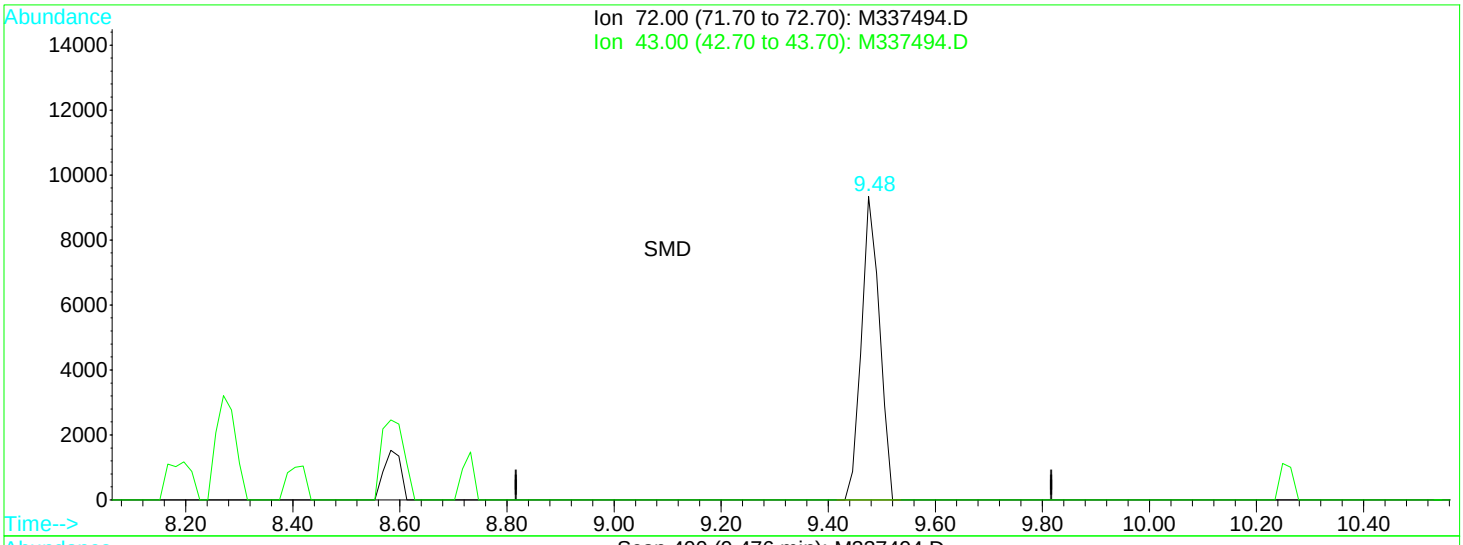
response 2194

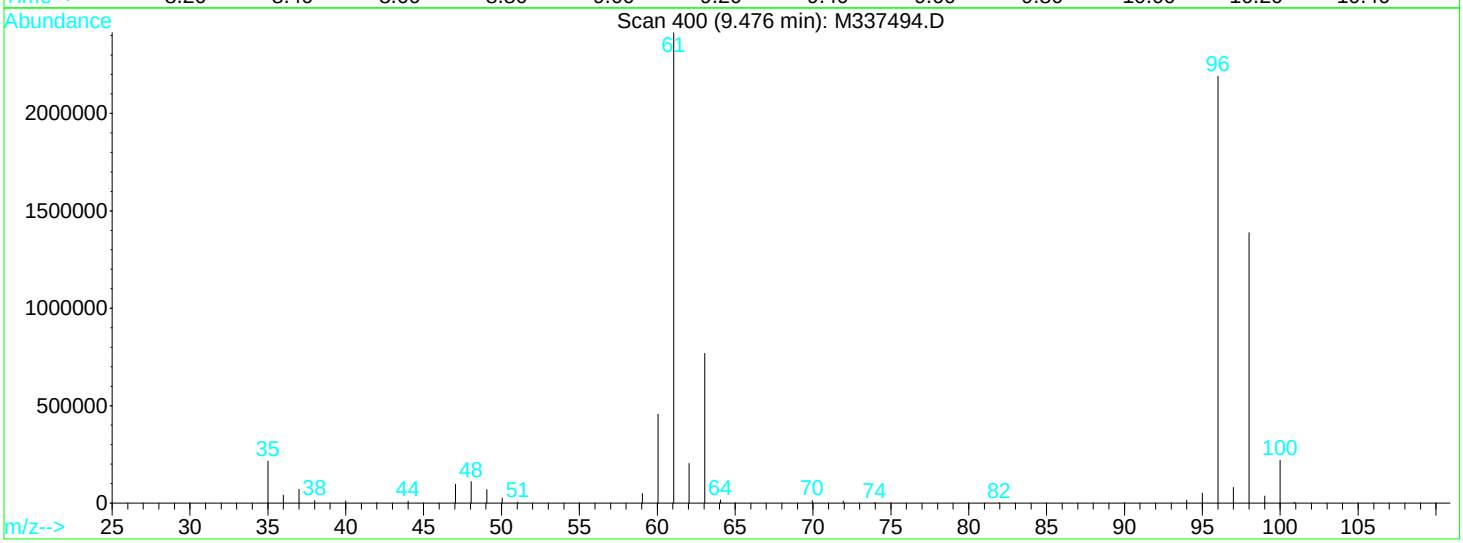
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337494.D

(24) 2-Butanone

9.48min 14.88ug/l

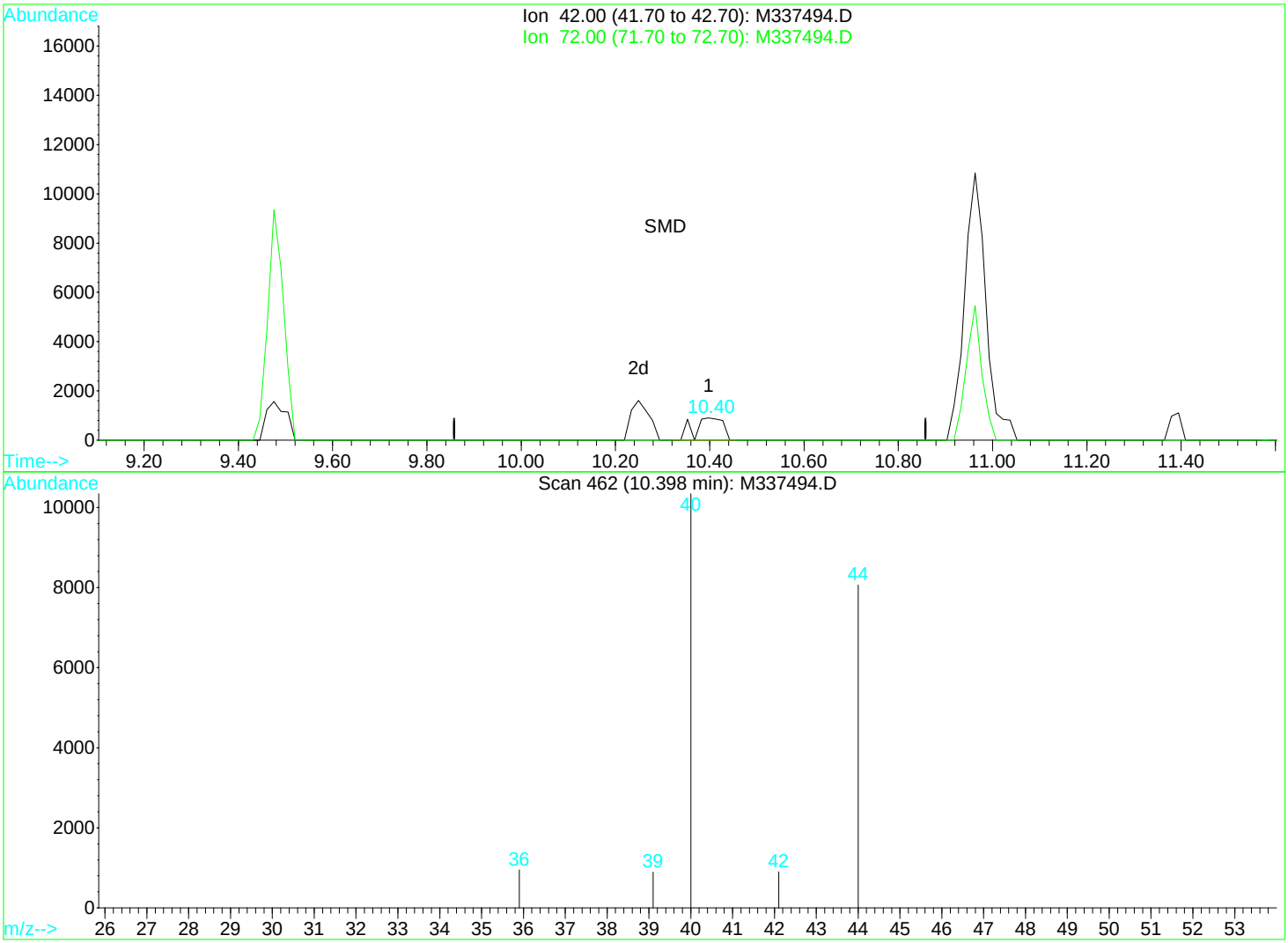
response 21933

Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337494.D

(32) Tetrahydrofuran

10.40min 0.79ug/l

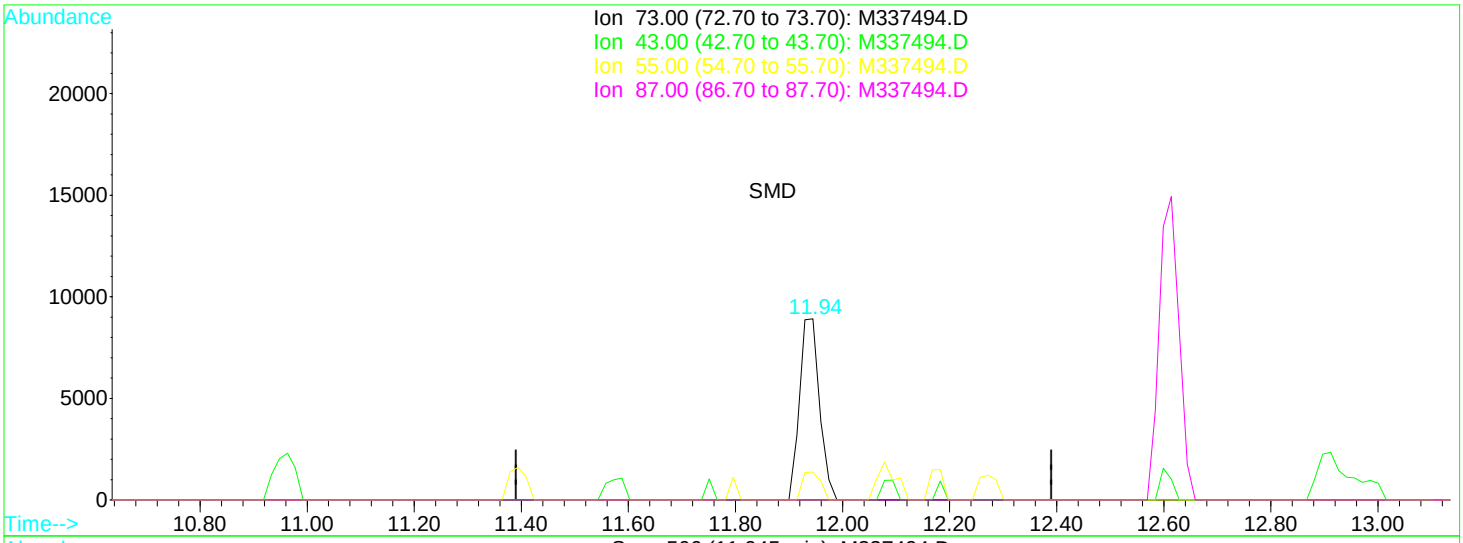
response 3811

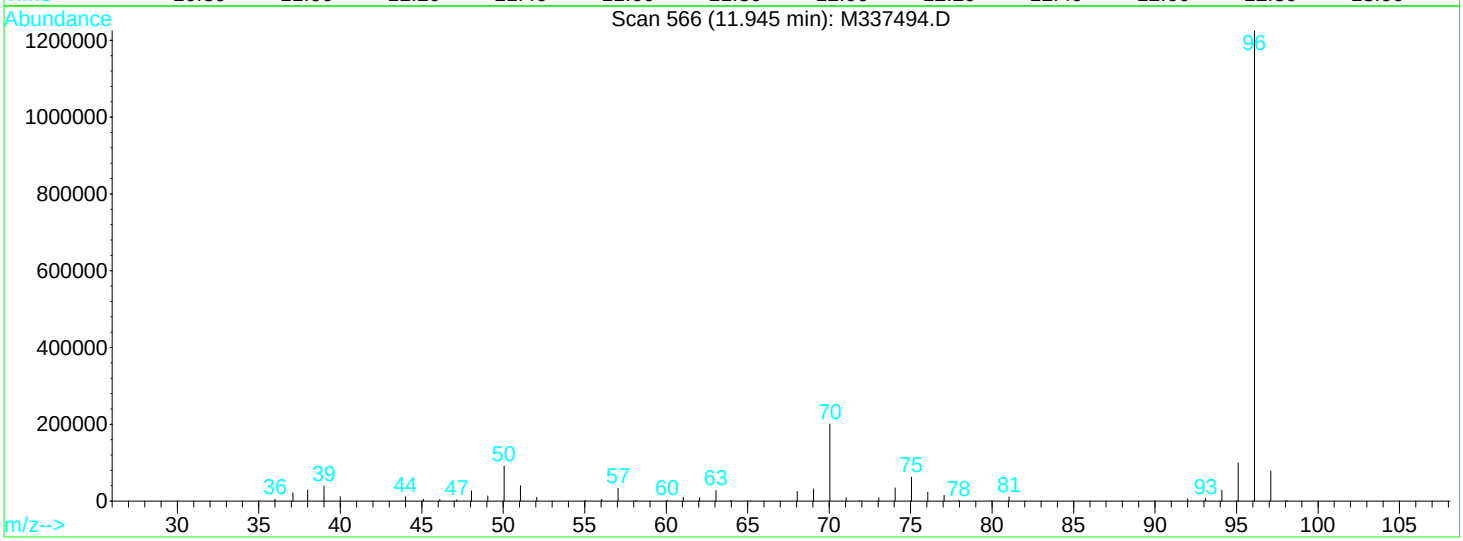
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337494.D

(43) Tertiary-amyl methyl ether

11.94min 0.48ug/l

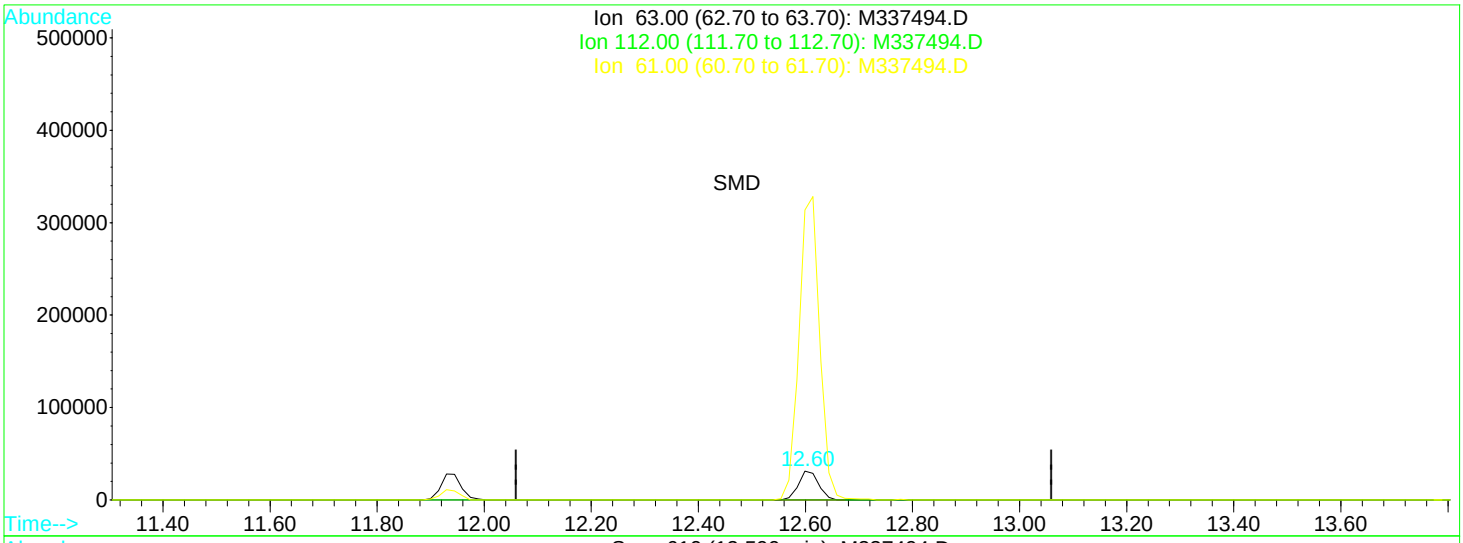
response 23027

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	15.40
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337494.D

(45) 1,2-Dichloropropane

12.60min 2.72ug/l

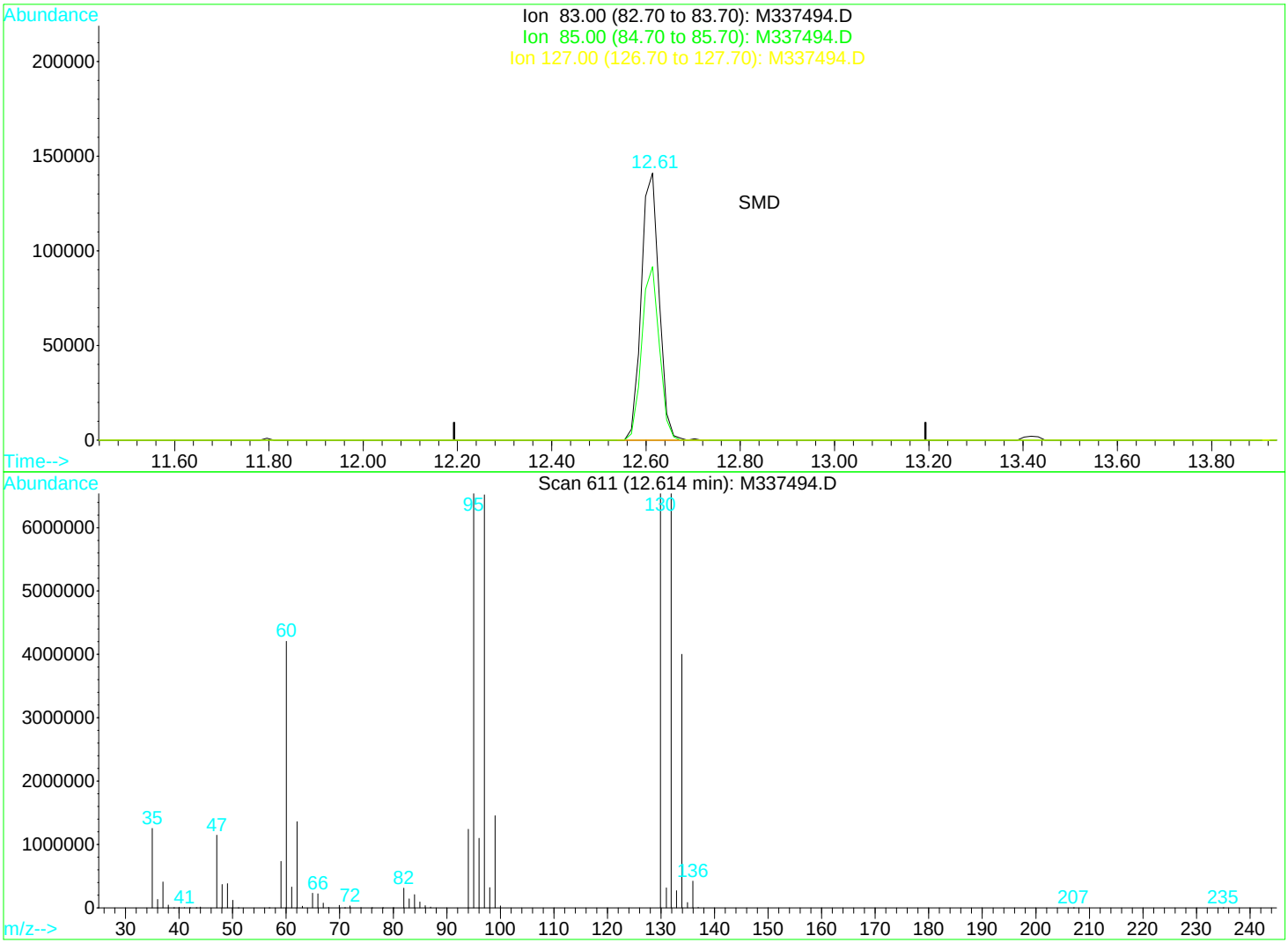
response 80739

Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1009.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337494.D

(48) Bromodichloromethane

12.61min 10.55ug/l

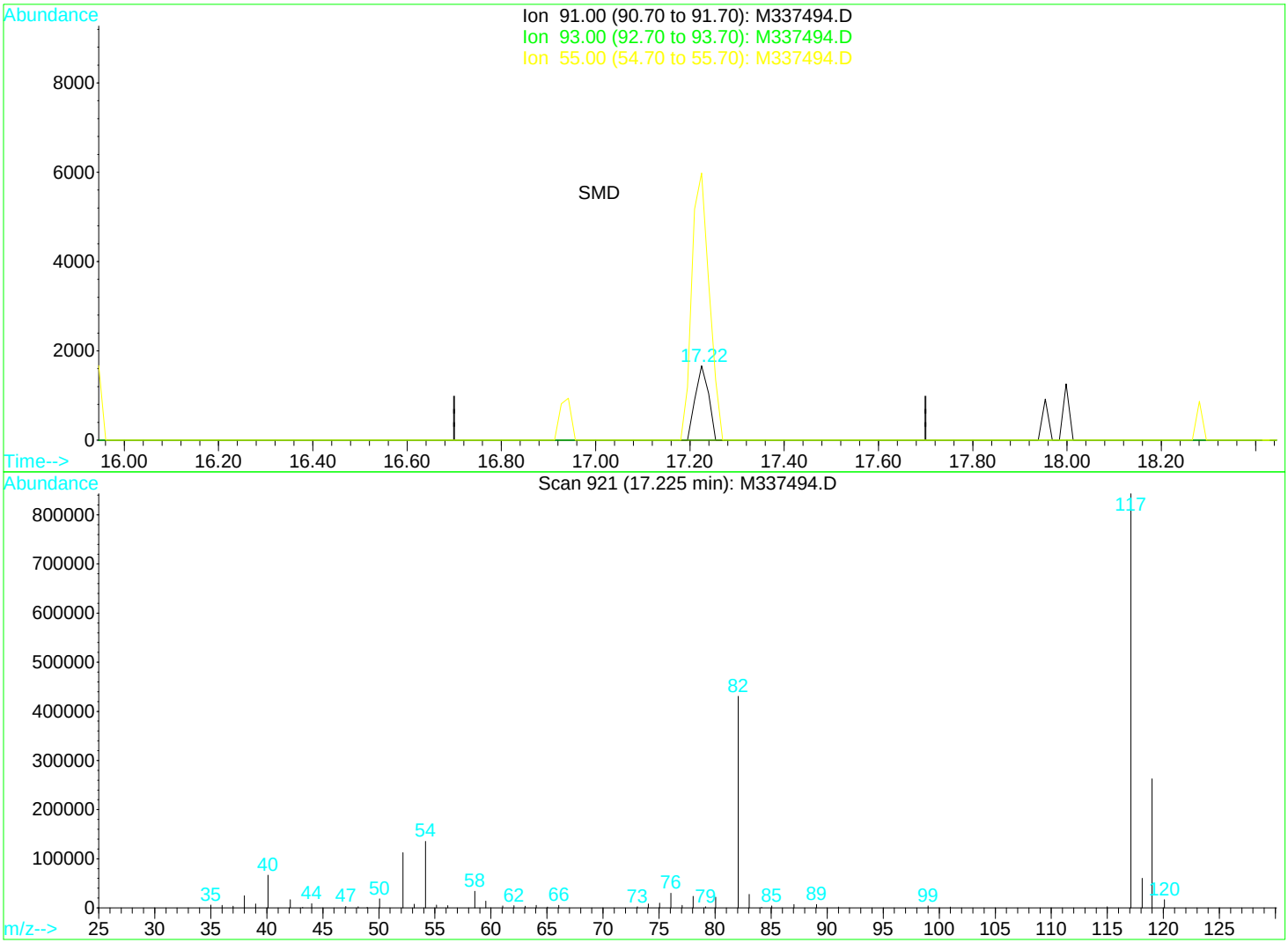
response 367425

Ion	Exp%	Act%
83.00	100	100
85.00	64.00	64.98
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337494.D

(66) 1-Chlorohexane

17.22min 0.12ug/l

response 3217

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	359.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:29 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

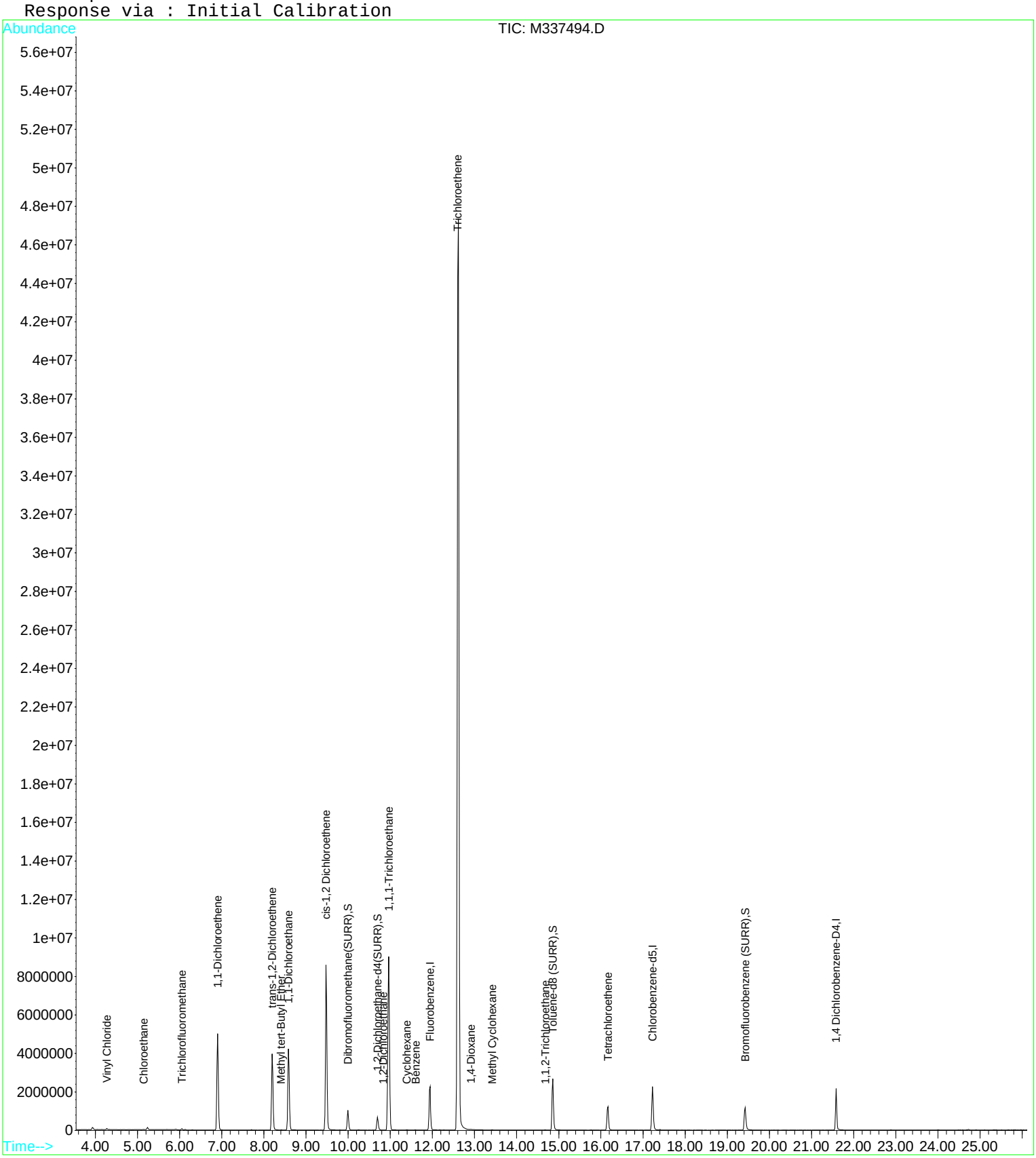
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.94	96	3107886	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.22	117	2051645	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.58	152	747028	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	874365	22.77	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.08%			
41) 1,2-Dichloroethane-d4(SURR	10.70	65	505336	24.01	ug/l	-0.02
Spiked Amount 25.000			Recovery = 96.04%			
59) Toluene-d8 (SURR)	14.86	98	2575255	24.35	ug/l	-0.02
Spiked Amount 25.000			Recovery = 97.40%			
75) Bromofluorobenzene (SURR)	19.43	95	834701	22.99	ug/l	0.00
Spiked Amount 25.000			Recovery = 91.96%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.27	62	60430	2.28	ug/l	83
6) Chloroethane	5.15	64	9492	0.64	ug/l	84
7) Trichlorofluoromethane	6.05	101	68166	1.91	ug/l	96
16) 1,1-Dichloroethene	6.90	96	2802063	96.44	ug/l	98
18) Methyl tert-Butyl Ether	8.40	73	8779	0.21	ug/l	76
20) trans-1,2-Dichloroethene	8.20	96	2192824	67.96	ug/l	99
21) 1,1-Dichloroethane	8.58	63	5141441	104.86	ug/l	98
27) cis-1,2 Dichloroethene	9.48	96	5292102	140.69	ug/l	98
36) 1,1,1-Trichloroethane	10.96	97	7529643	212.88	ug/l	99
38) Cyclohexane	11.39	56	8479	0.26	ug/l	85
40) Benzene	11.60	78	12783	0.11	ug/l	100
42) 1,2-Dichloroethane	10.83	62	5168	0.21	ug/l	89
44) Trichloroethene	12.60	95	23257834	718.08	ug/l #	83
49) 1,4-Dioxane	12.91	88	31386	352.11	ug/l	98
52) Methyl Cyclohexane	13.42	83	4979	0.20	ug/l #	70
56) 1,1,2-Trichloroethane	14.68	83	6038	0.29	ug/l	81
63) Tetrachloroethene	16.17	164	436968	22.85	ug/l	96

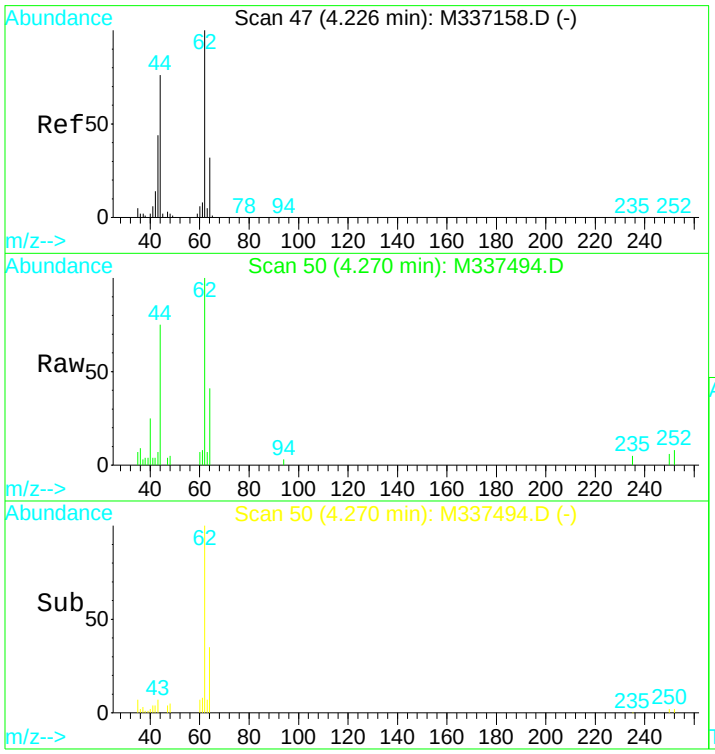
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337494.D Vial: 18
Acq On : 3 Dec 2009 5:26 pm Operator: MD
Sample : 0912038-03 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:29 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

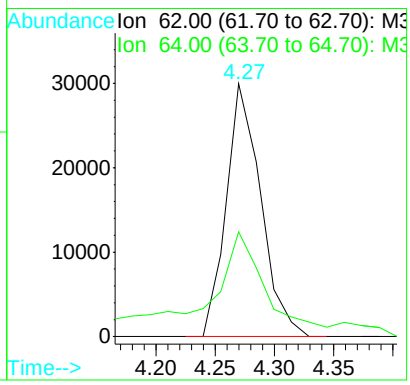


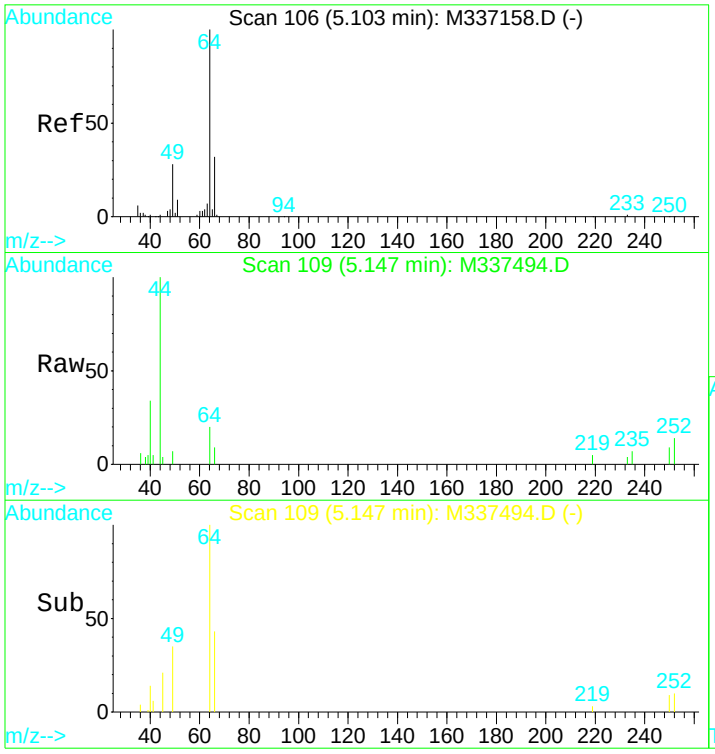


#4
Vinyl Chloride
Concen: 2.28 ug/l
RT: 4.27 min Scan# 50
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 62 Resp: 60430

Ion	Ratio	Lower	Upper
62	100		
64	41.4	1.8	61.8

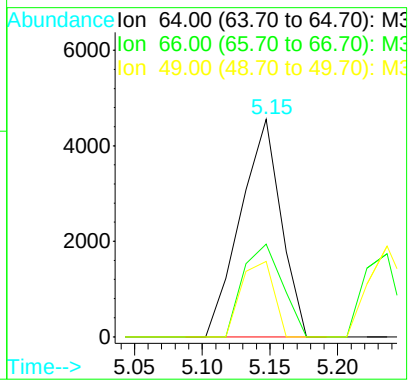


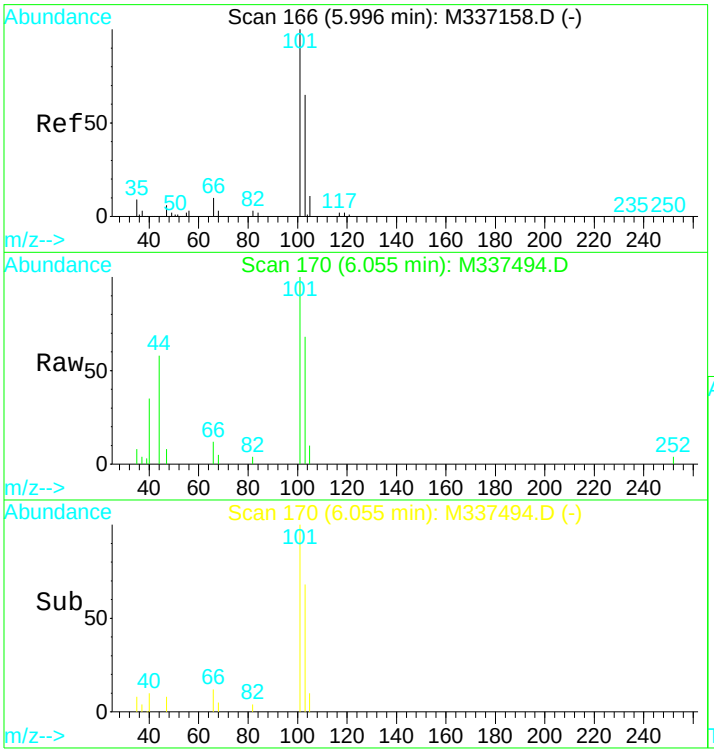


#6
Chloroethane
Concen: 0.64 ug/l
RT: 5.15 min Scan# 109
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 64 Resp: 9492

Ion	Ratio	Lower	Upper
64	100		
66	42.6	2.1	62.1
49	34.6	0.0	58.1

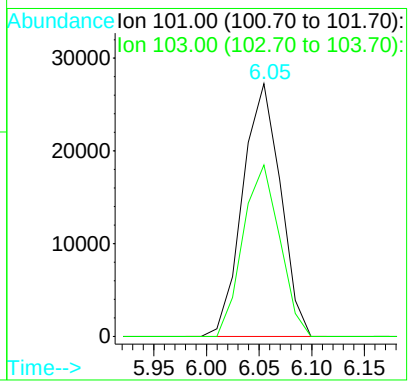


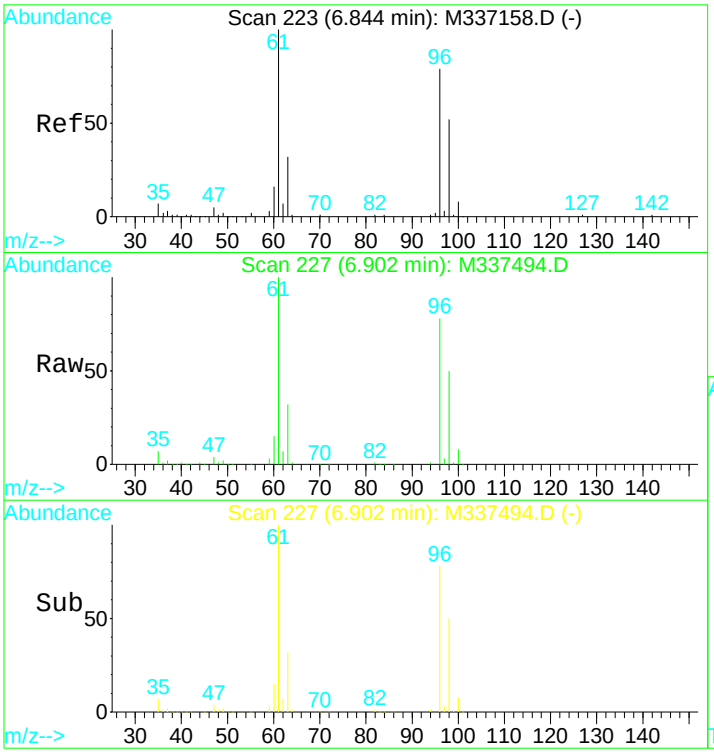


#7
Trichlorofluoromethane
Concen: 1.91 ug/l
RT: 6.05 min Scan# 170
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion:101 Resp: 68166

Ion	Ratio	Lower	Upper
101	100		
103	67.9	34.5	94.5

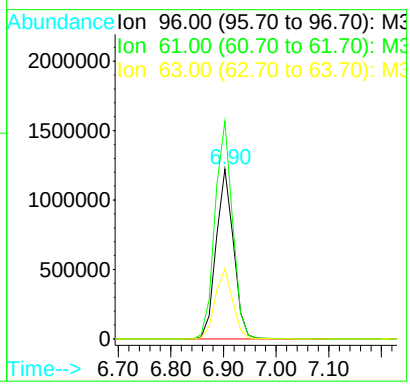


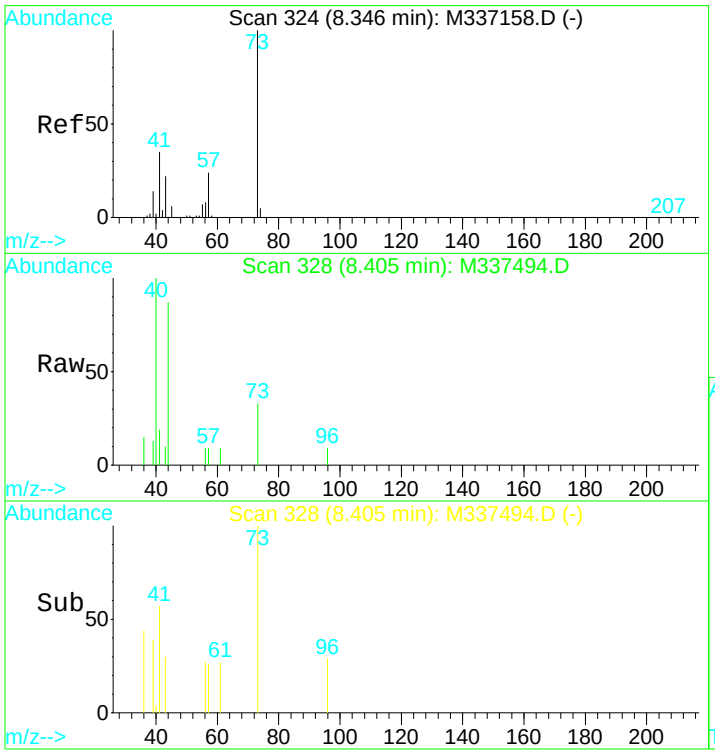


#16
1,1-Dichloroethene
Concen: 96.44 ug/l
RT: 6.90 min Scan# 227
Delta R.T. -0.02 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 96 Resp: 2802063

Ion	Ratio	Lower	Upper
96	100		
61	128.2	96.1	156.1
63	41.2	10.0	70.0

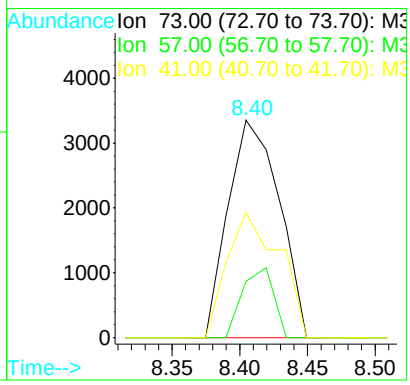


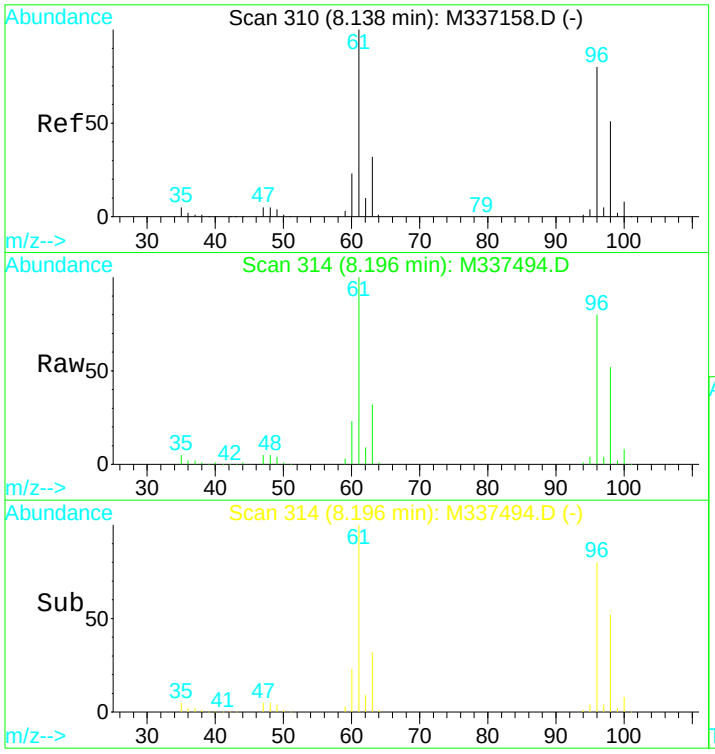


#18
Methyl tert-Butyl Ether
Concen: 0.21 ug/l
RT: 8.40 min Scan# 328
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 73 Resp: 8779

Ion	Ratio	Lower	Upper
73	100		
57	25.8	0.0	54.4
41	57.5	5.1	65.1

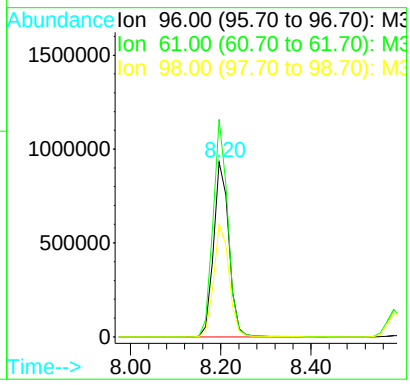


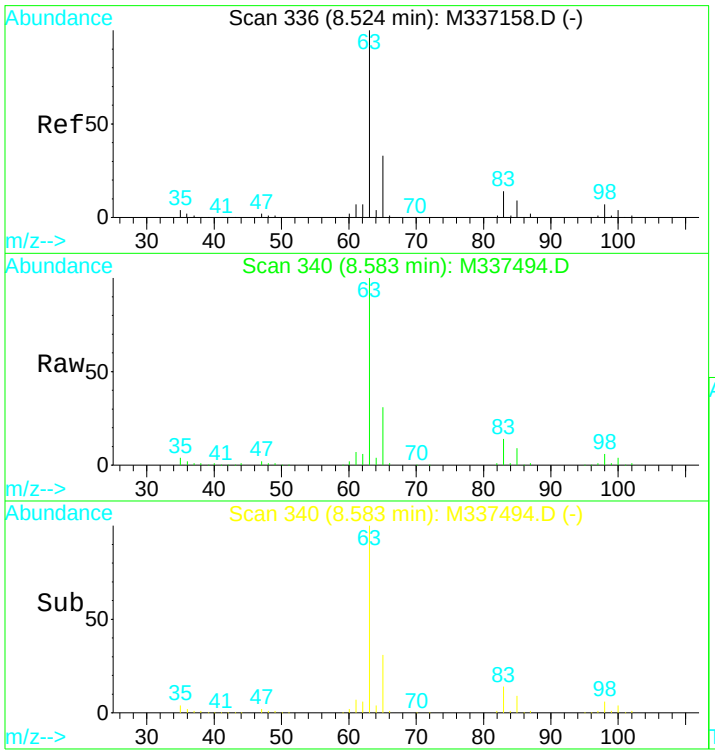


#20
trans-1,2-Dichloroethene
Concen: 67.96 ug/l
RT: 8.20 min Scan# 314
Delta R.T. -0.02 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 96 Resp: 2192824

Ion	Ratio	Lower	Upper
96	100		
61	124.3	95.0	155.0
98	64.2	33.4	93.4

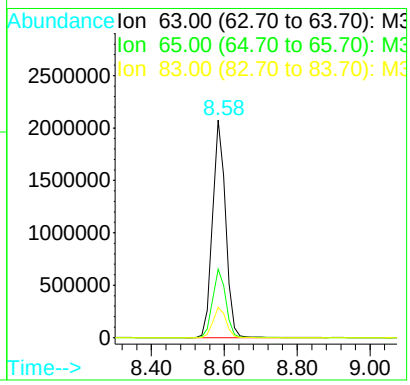


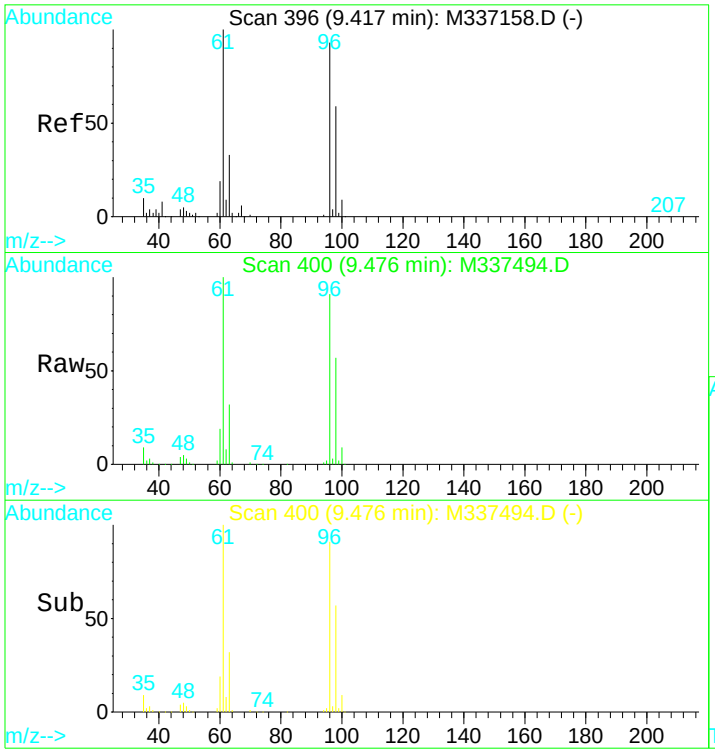


#21
1,1-Dichloroethane
Concen: 104.86 ug/l
RT: 8.58 min Scan# 340
Delta R.T. -0.02 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 63 Resp: 5141441

Ion	Ratio	Lower	Upper
63	100		
65	31.4	2.9	62.9
83	14.0	0.0	44.2

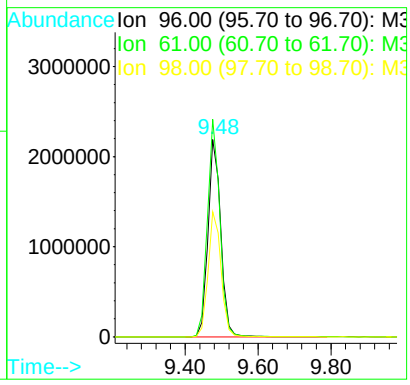


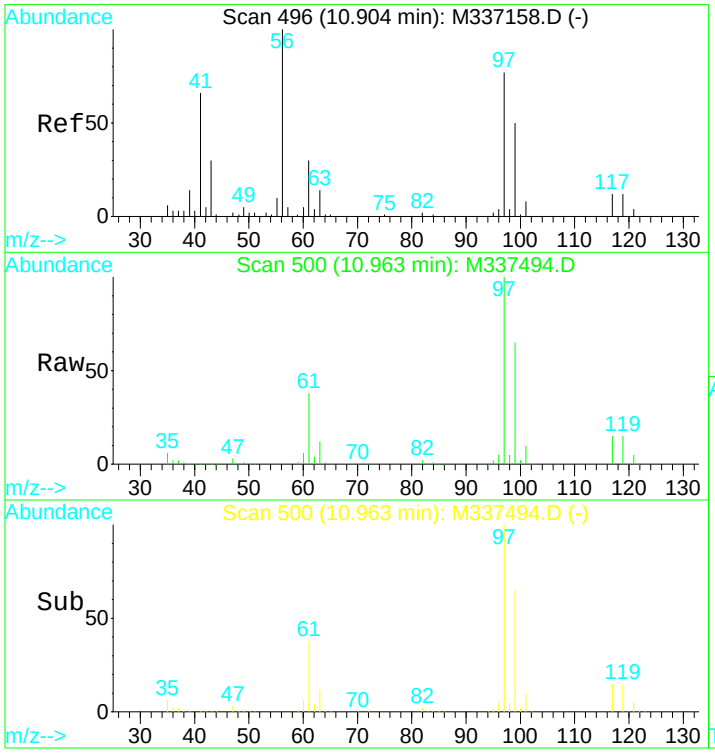


#27
cis-1,2 Dichloroethene
Concen: 140.69 ug/l
RT: 9.48 min Scan# 400
Delta R.T. -0.02 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 96 Resp: 5292102

Ion	Ratio	Lower	Upper
96	100		
61	110.2	77.5	137.5
98	63.3	33.9	93.9

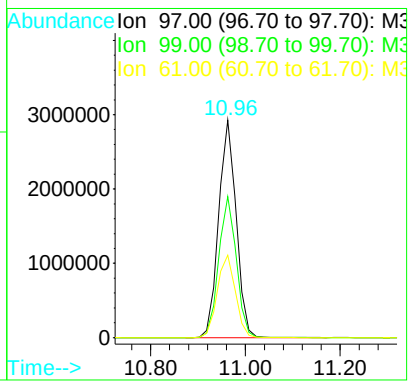


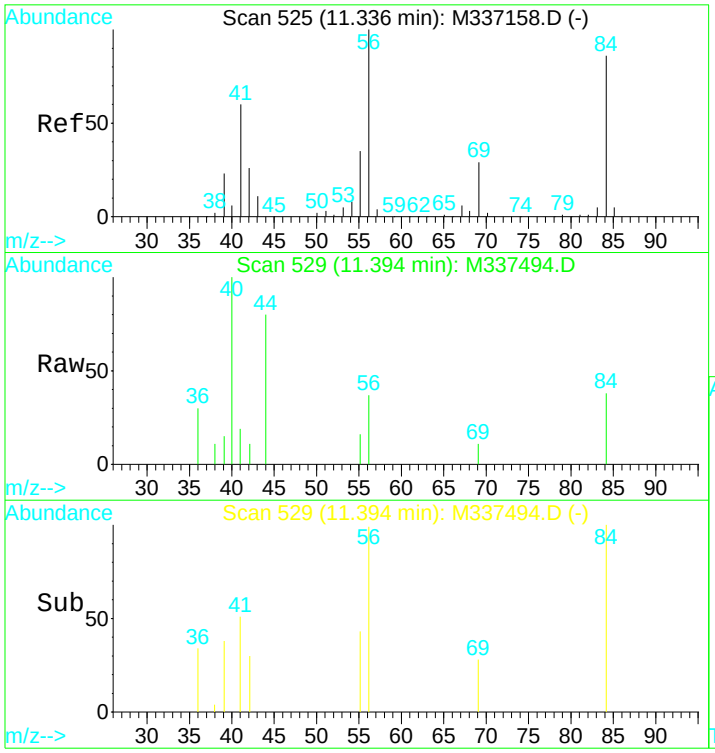


#36
1,1,1-Trichloroethane
Concen: 212.88 ug/l
RT: 10.96 min Scan# 500
Delta R.T. -0.02 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 97 Resp: 7529643

Ion	Ratio	Lower	Upper
97	100		
99	64.9	34.9	94.9
61	37.8	9.8	69.8

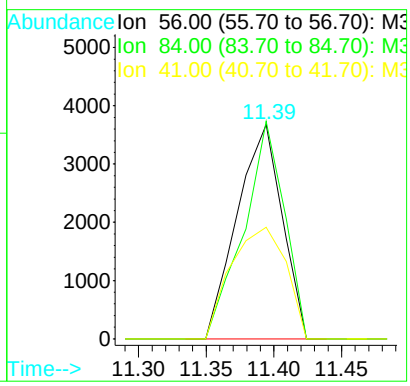


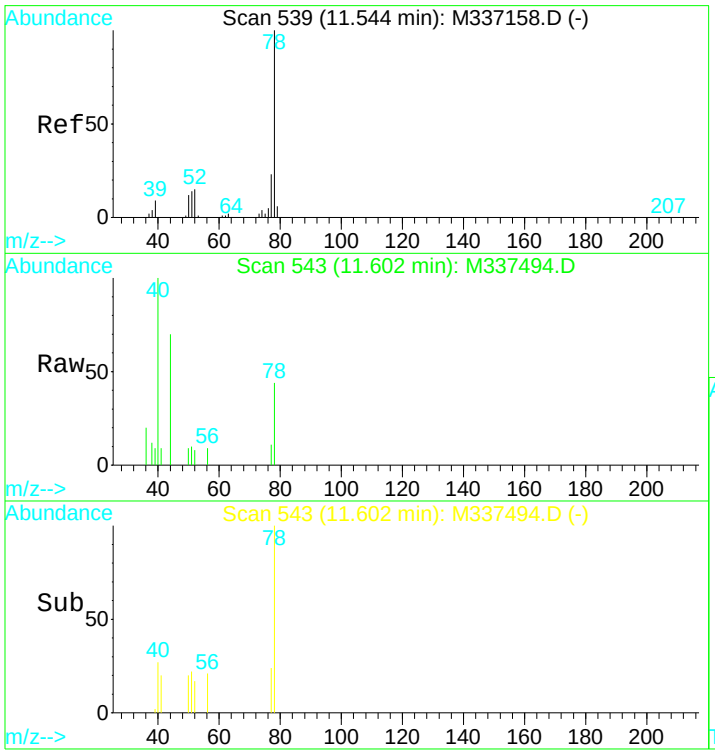


#38
Cyclohexane
Concen: 0.26 ug/l
RT: 11.39 min Scan# 529
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 56 Resp: 8479

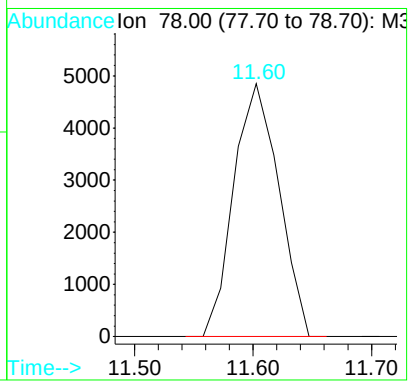
Ion	Ratio	Lower	Upper
56	100		
84	101.5	55.5	115.5
41	52.0	30.1	90.1

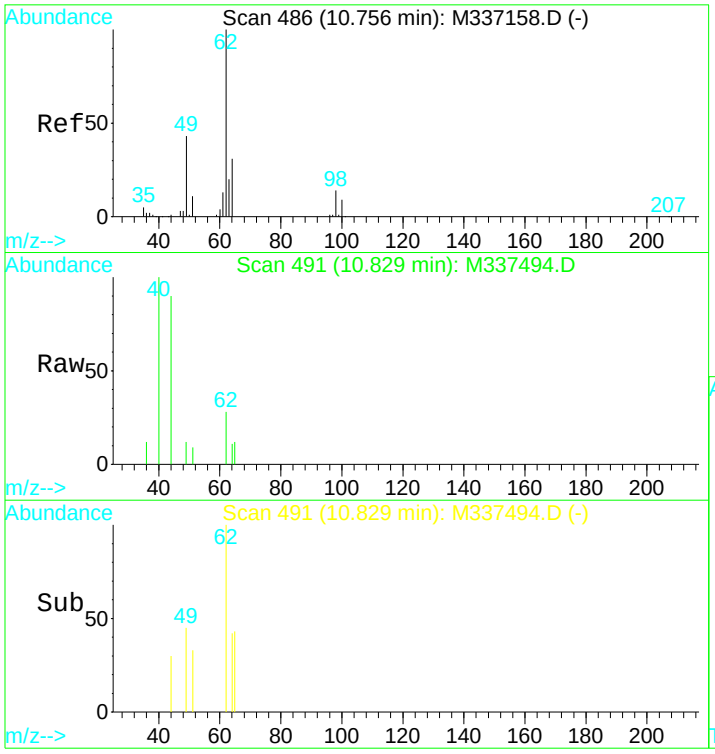




#40
Benzene
Concen: 0.11 ug/l
RT: 11.60 min Scan# 543
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 78 Resp: 12783

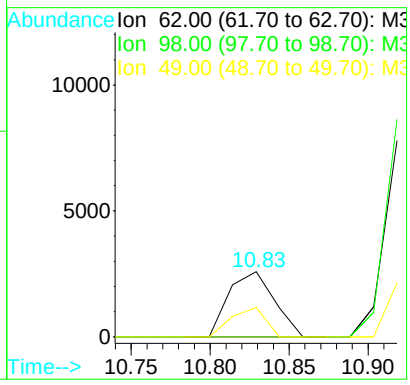


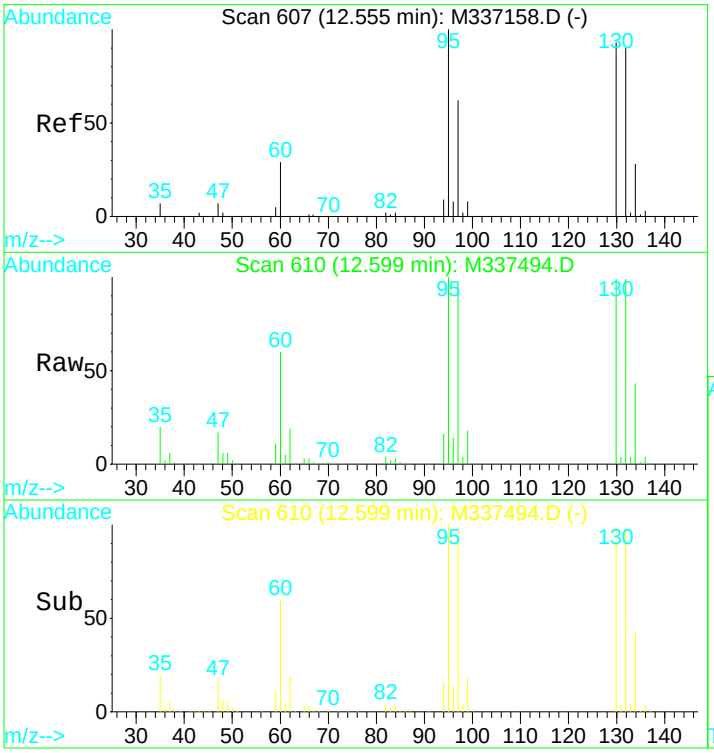


#42
1,2-Dichloroethane
Concen: 0.21 ug/l
RT: 10.83 min Scan# 491
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 62 Resp: 5168

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	44.4
49	45.2	13.0	73.0

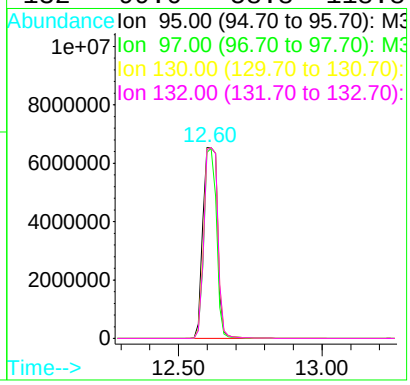


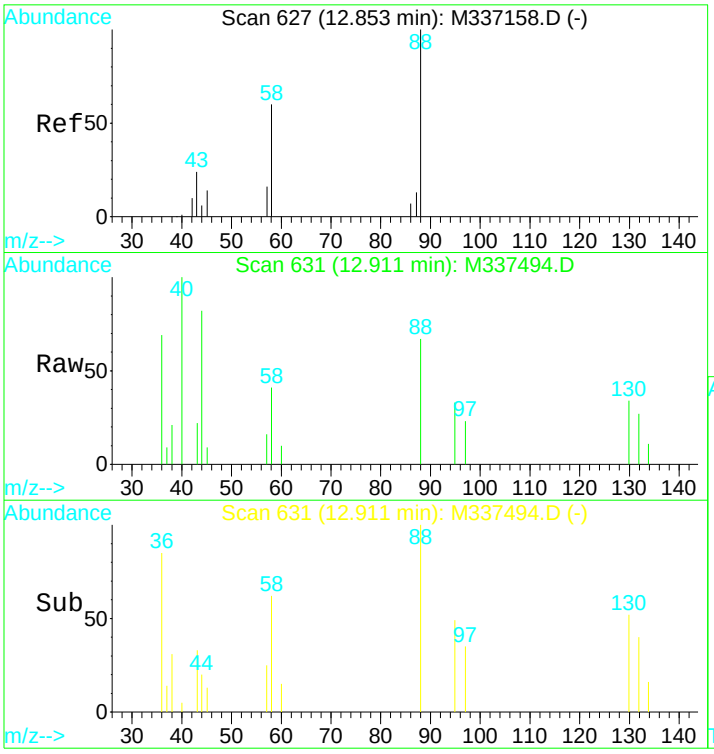


#44
Trichloroethene
Concen: 718.08 ug/l
RT: 12.60 min Scan# 610
Delta R.T. -0.02 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 95 Resp:23257834

Ion	Ratio	Lower	Upper
95	100		
97	97.4	35.0	95.0#
130	99.2	62.7	122.7
132	99.0	58.8	118.8

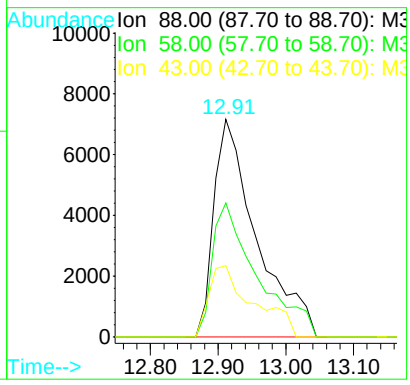


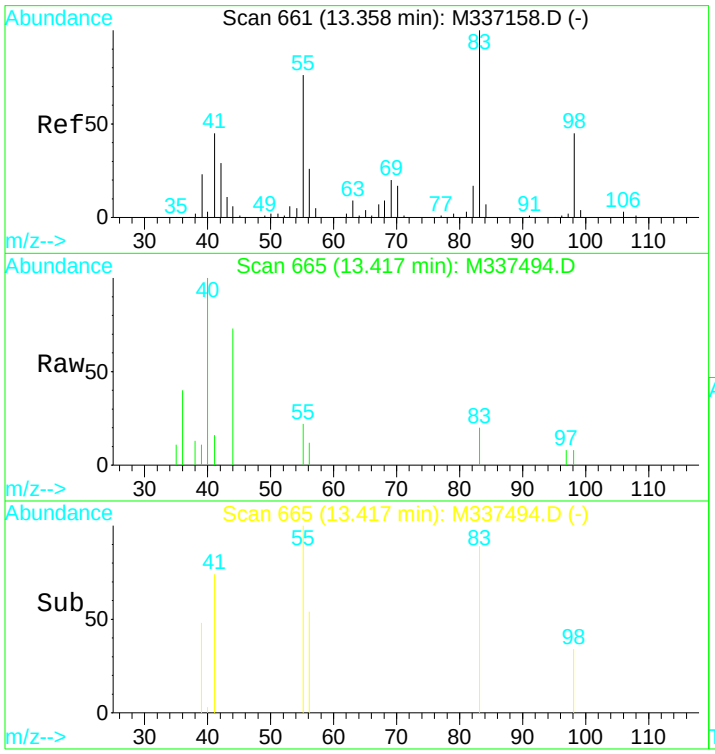


#49
1,4-Dioxane
Concen: 352.11 ug/l
RT: 12.91 min Scan# 631
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 88 Resp: 31386

Ion	Ratio	Lower	Upper
88	100		
58	61.6	30.1	90.1
43	32.8	1.3	61.3

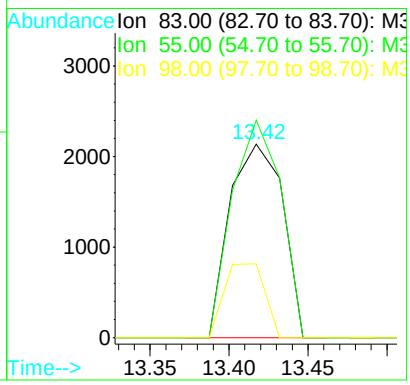


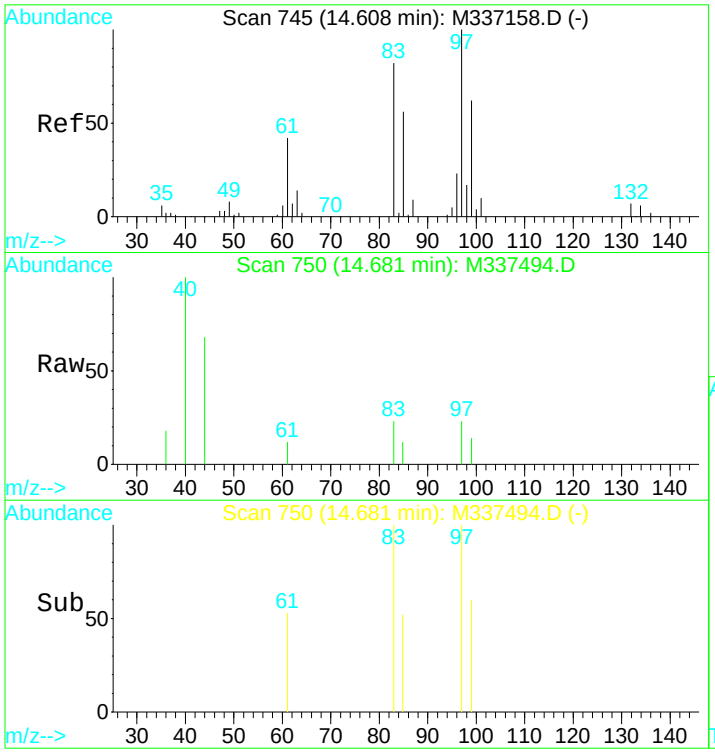


#52
Methyl Cyclohexane
Concen: 0.20 ug/l
RT: 13.42 min Scan# 665
Delta R.T. -0.02 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 83 Resp: 4979

Ion	Ratio	Lower	Upper
83	100		
55	112.5	46.4	106.4#
98	38.2	15.4	75.4

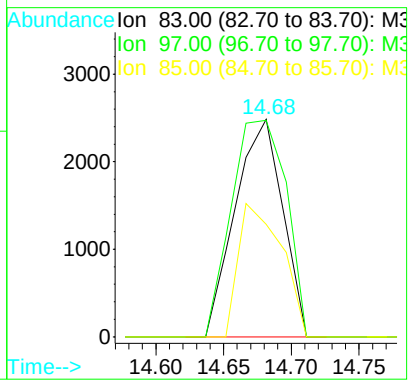


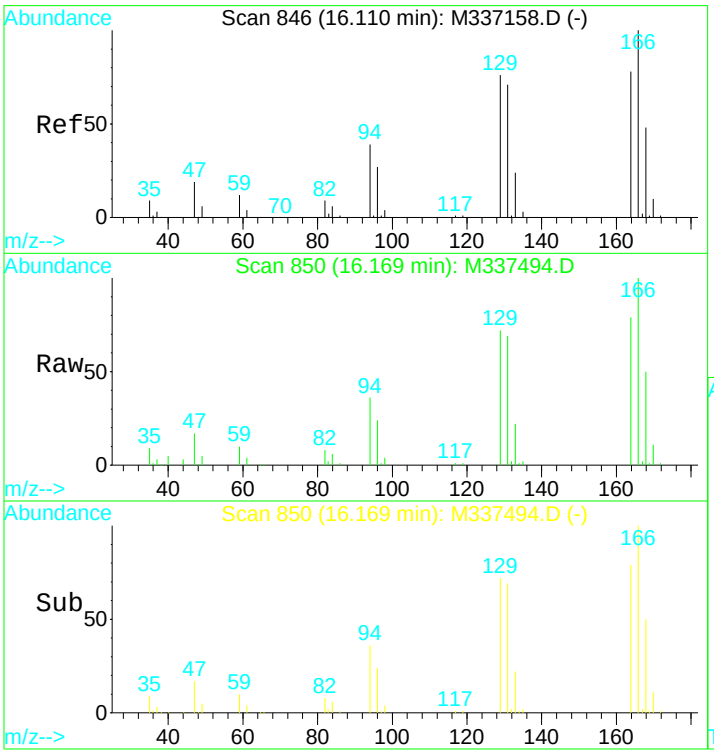


#56
1,1,2-Trichloroethane
Concen: 0.29 ug/l
RT: 14.68 min Scan# 750
Delta R.T. 0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion: 83 Resp: 6038

Ion	Ratio	Lower	Upper
83	100		
97	99.5	91.3	151.3
85	51.8	37.4	97.4

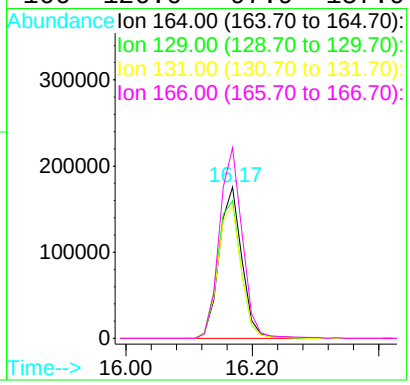




#63
Tetrachloroethene
Concen: 22.85 ug/l
RT: 16.17 min Scan# 850
Delta R.T. -0.01 min
Lab File: M337494.D
Acq: 3 Dec 2009 5:26 pm

Tgt Ion:164 Resp: 436968

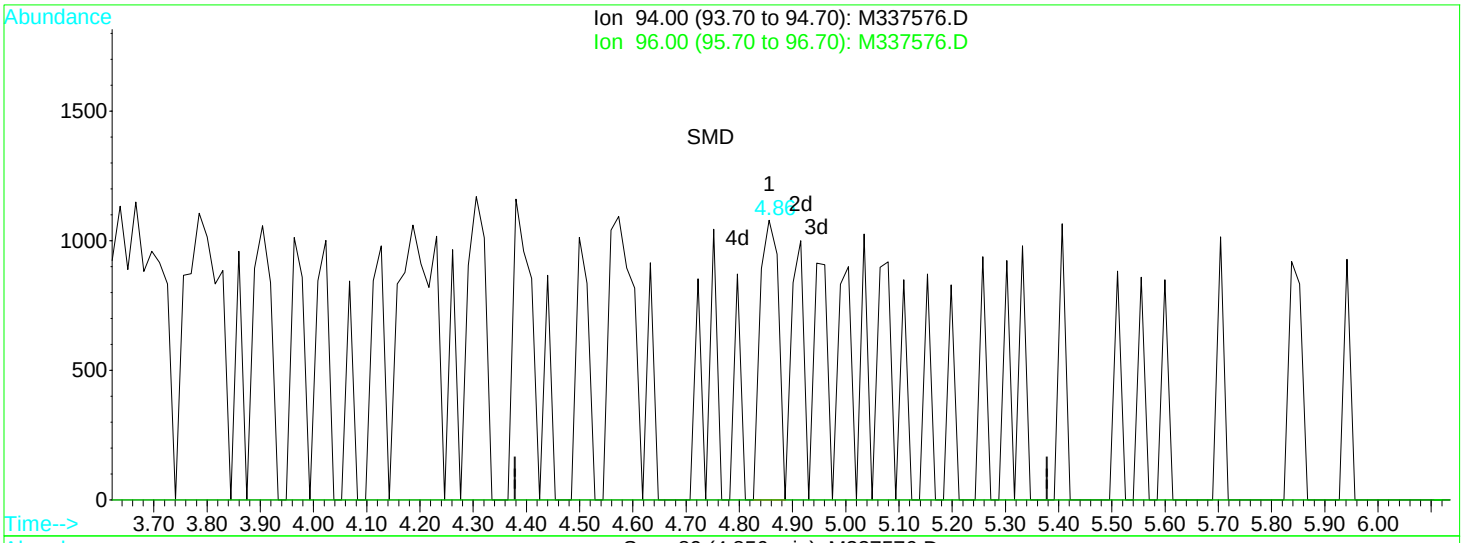
Ion	Ratio	Lower	Upper
164	100		
129	90.9	66.7	126.7
131	87.5	61.4	121.4
166	126.0	97.9	157.9

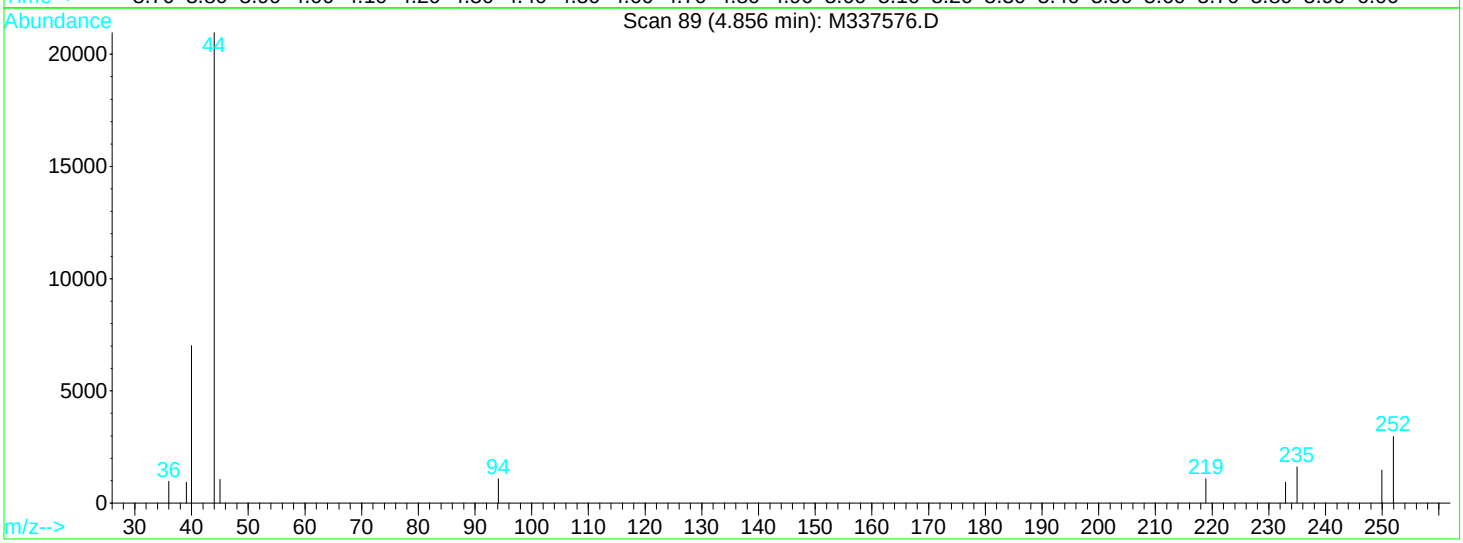


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 16:12 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337576.D

(5) Bromomethane

4.86min 0.16ug/l

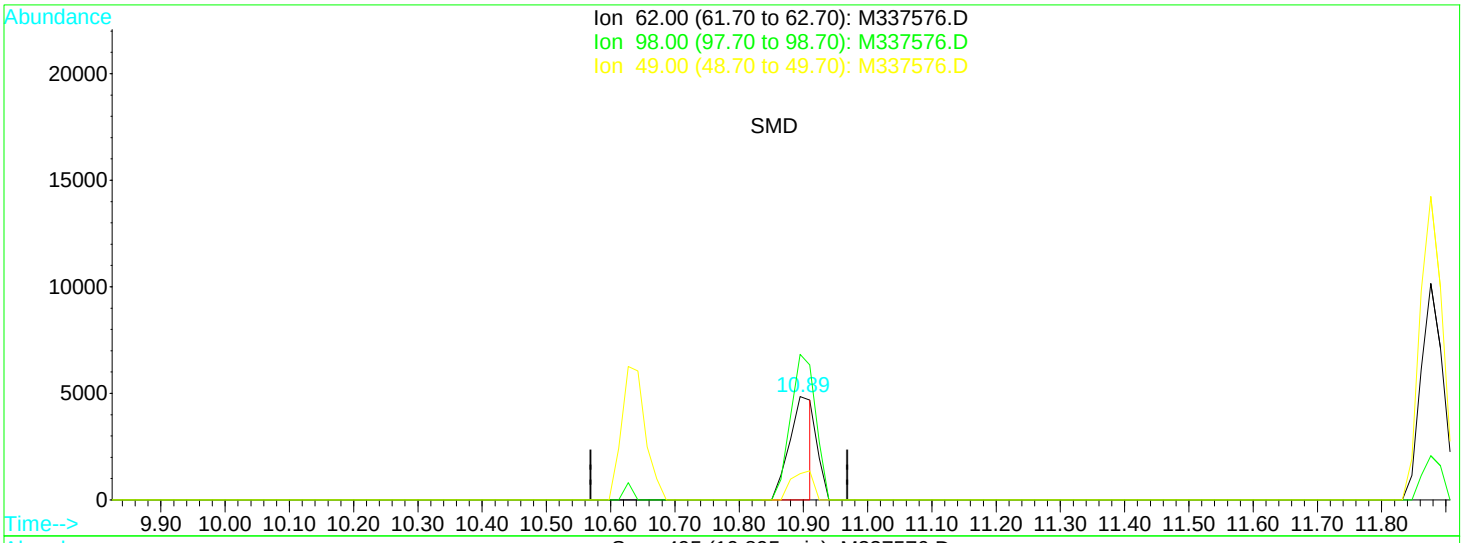
response 2606

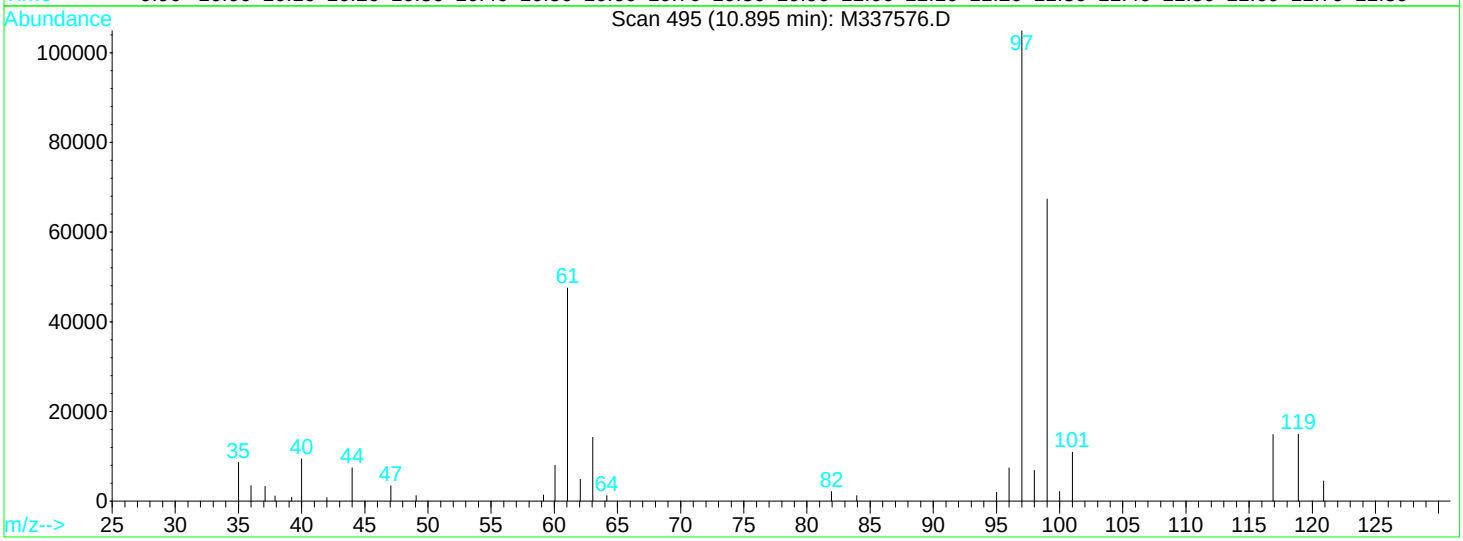
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337576.D

(42) 1,2-Dichloroethane

10.89min 0.55ug/l

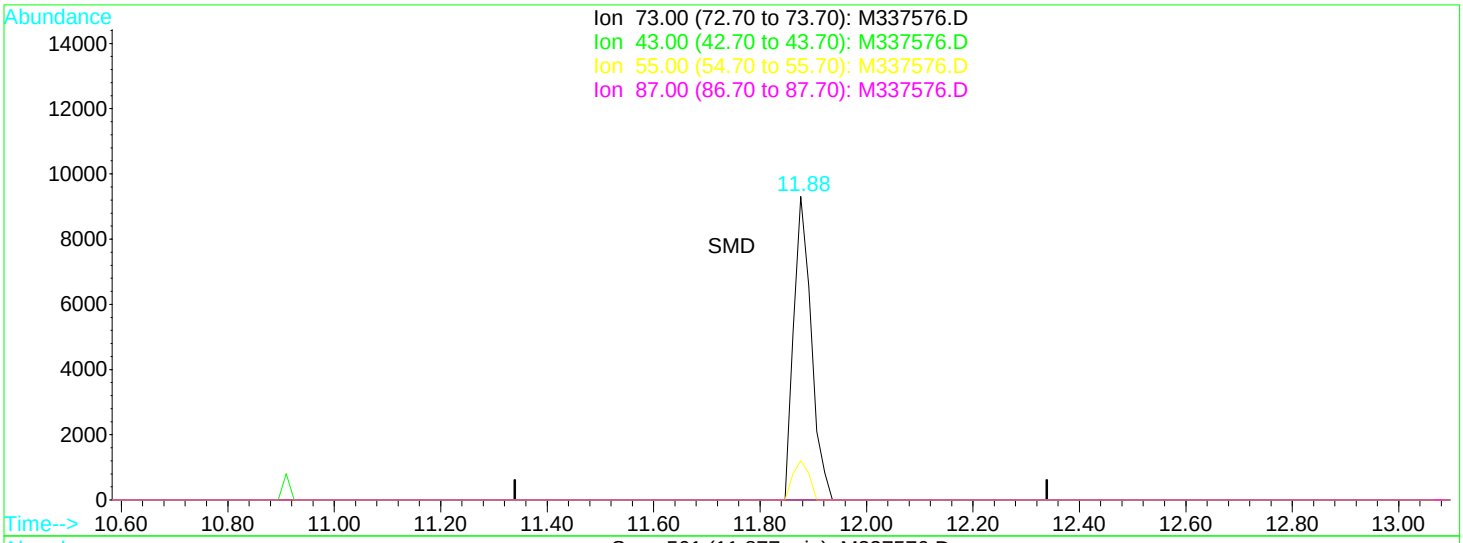
response 12072

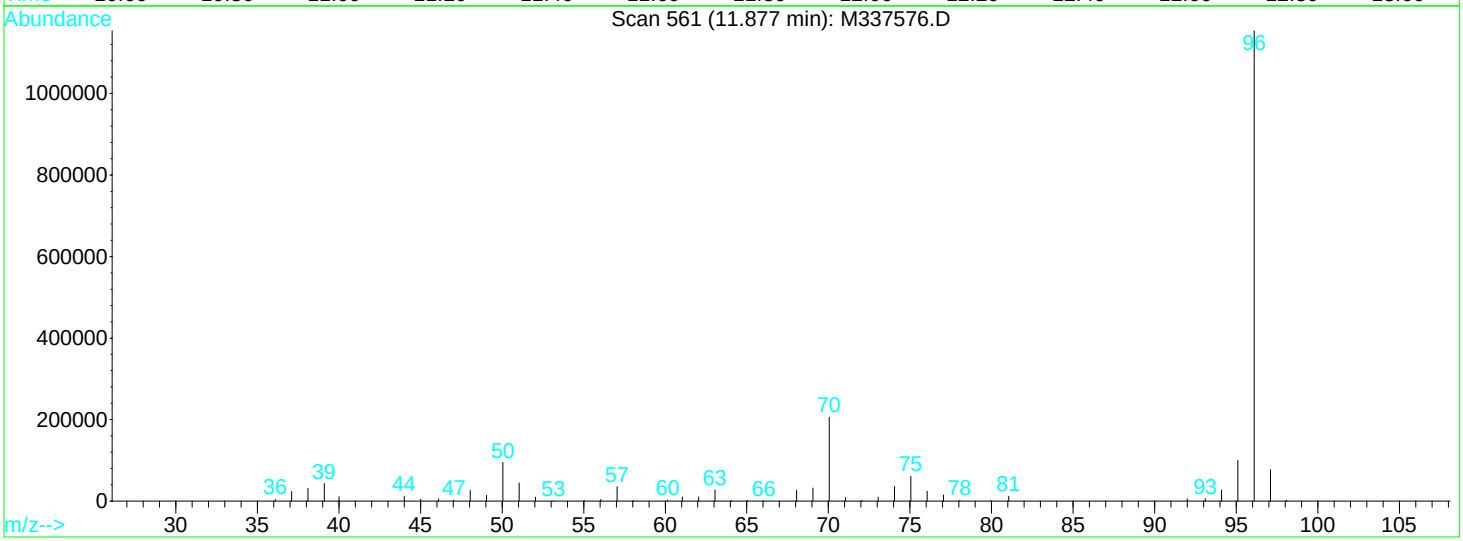
Ion	Exp%	Act%
62.00	100	100
98.00	14.40	140.85#
49.00	43.00	25.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337576.D

(43) Tertiary-amyl methyl ether

11.88min 0.49ug/l

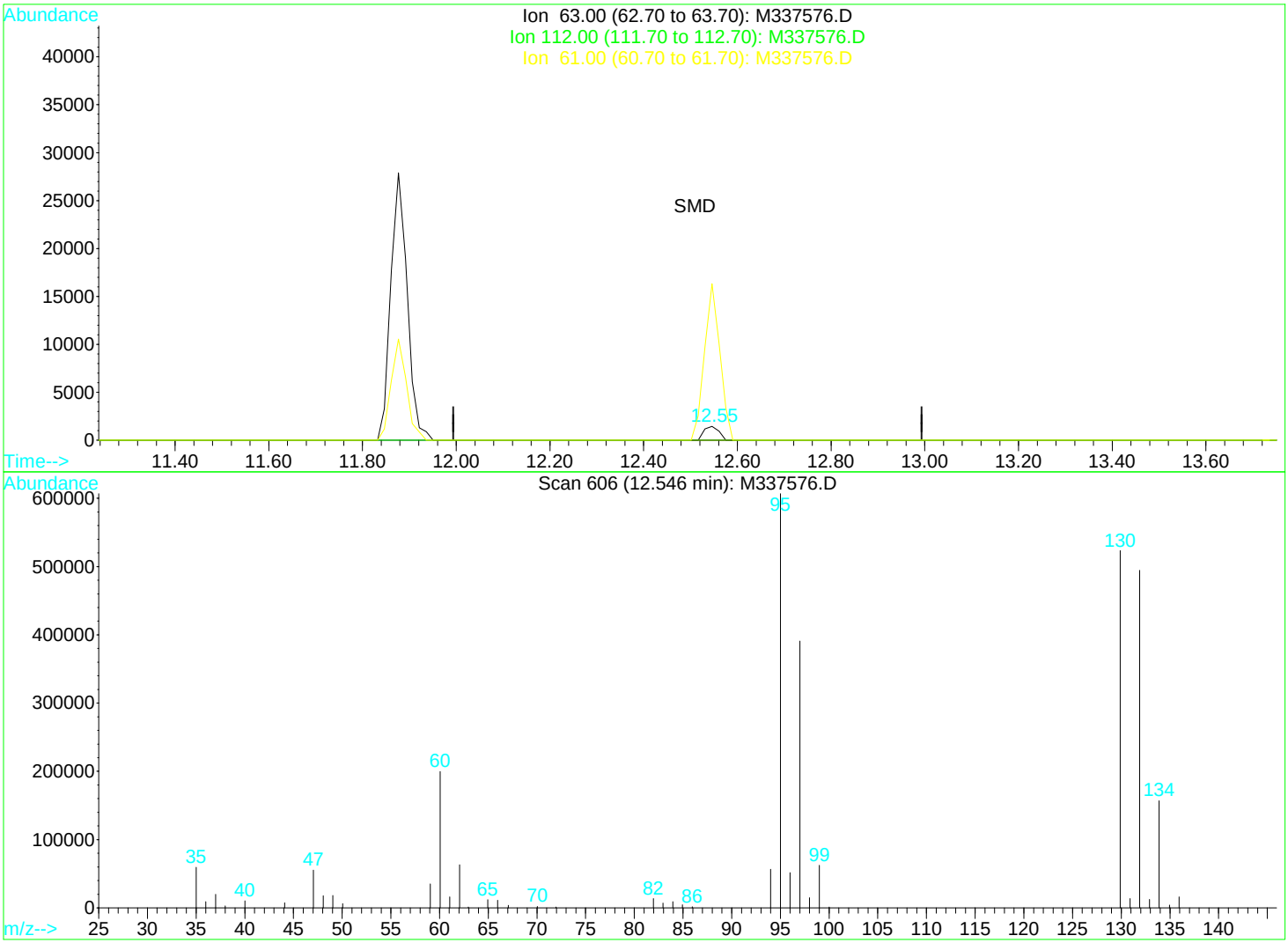
response 21383

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	12.93
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337576.D

(45) 1,2-Dichloropropane

12.55min 0.12ug/l

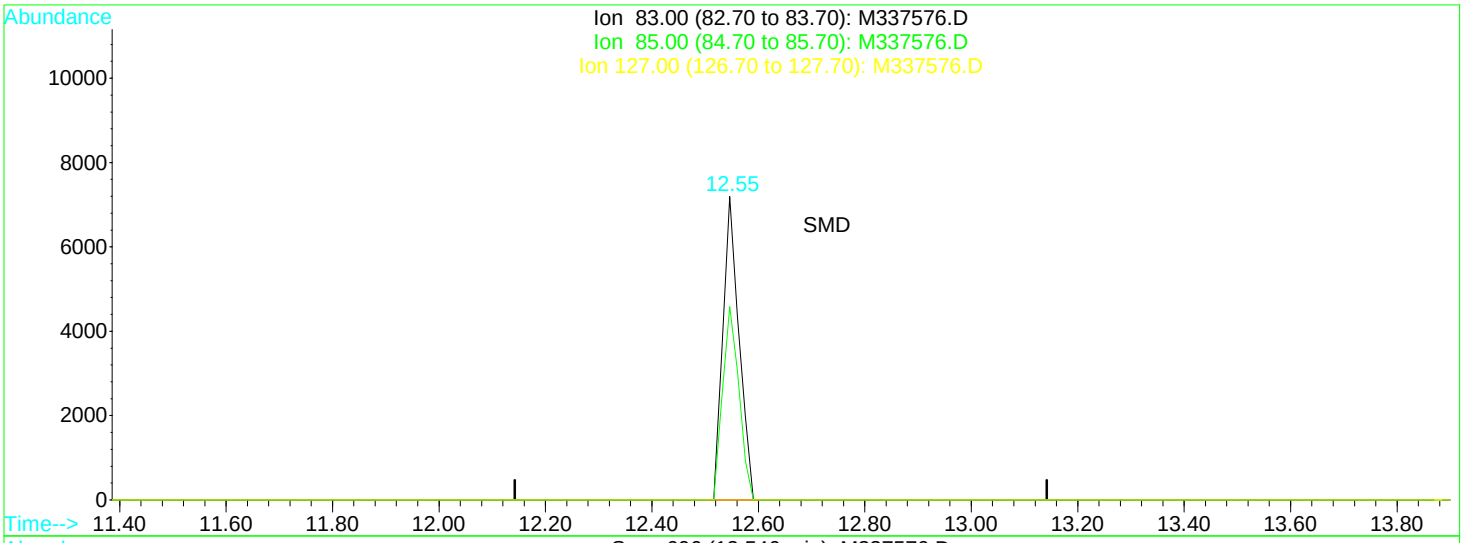
response 3181

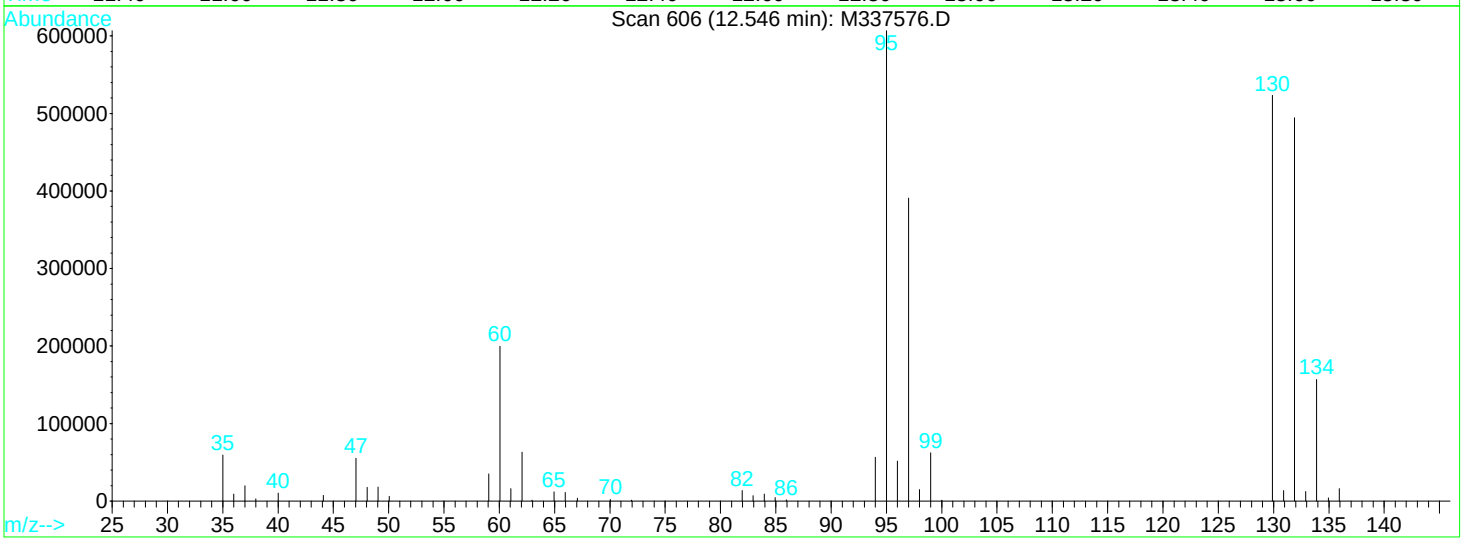
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1126.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337576.D

(48) Bromodichloromethane

12.55min 0.48ug/l

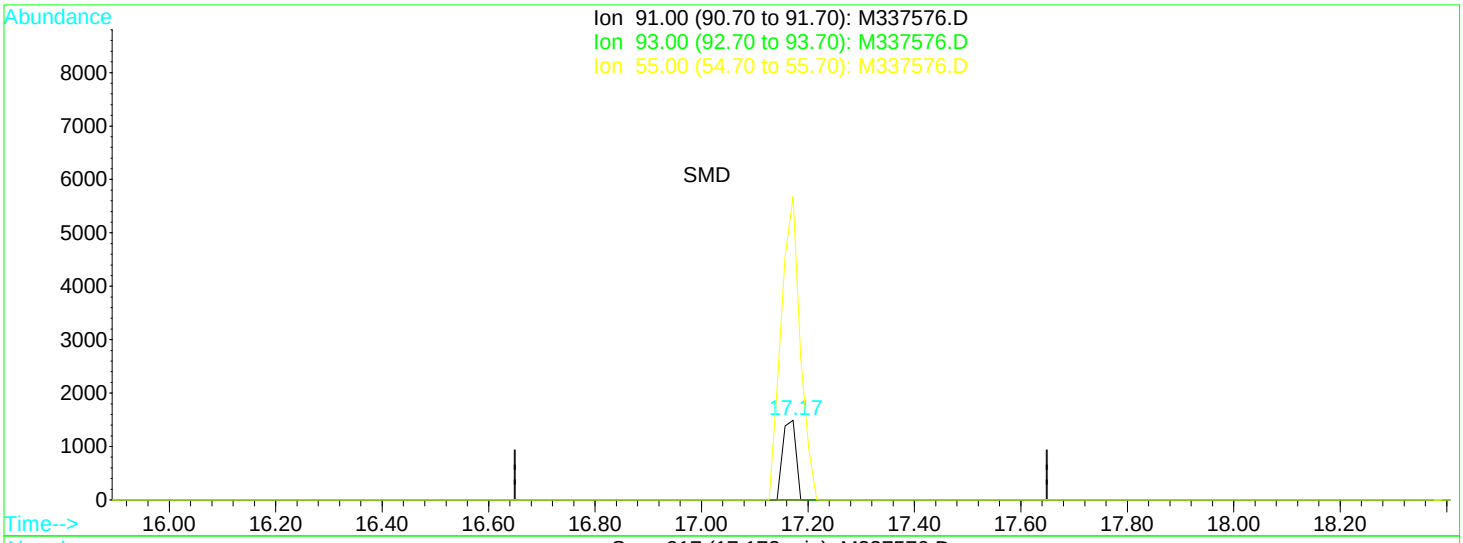
response 15169

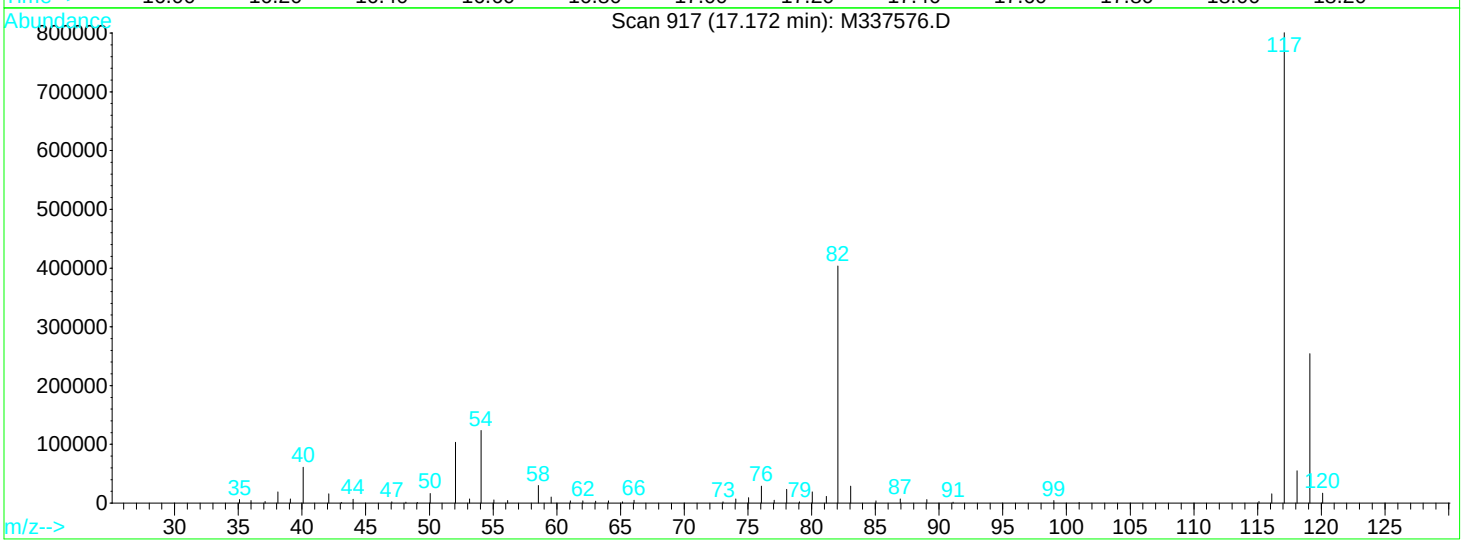
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	63.74
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337576.D

(66) 1-Chlorohexane

17.17min 0.10ug/l

response 2565

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	381.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:25 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

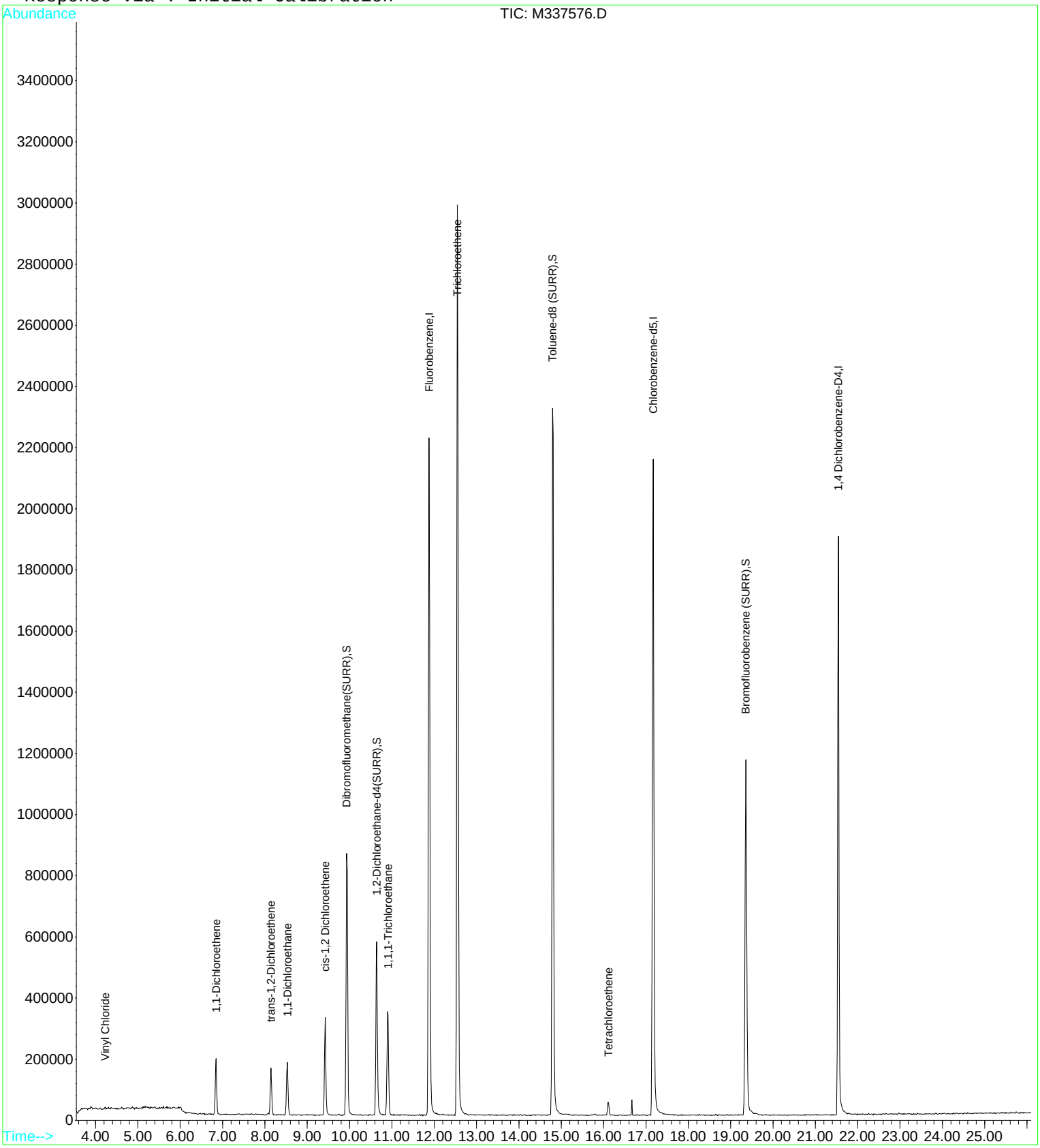
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	2801127	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.17	117	1970295	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	703934	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.93	111	783163	22.63	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.52%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	456361	24.06	ug/l	0.00
Spiked Amount 25.000			Recovery = 96.24%			
59) Toluene-d8 (SURR)	14.79	98	2401236	23.64	ug/l	-0.02
Spiked Amount 25.000			Recovery = 94.56%			
75) Bromofluorobenzene (SURR)	19.36	95	801725	23.00	ug/l	-0.02
Spiked Amount 25.000			Recovery = 92.00%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.23	62	2745	0.11	ug/l	50
16) 1,1-Dichloroethene	6.85	96	106078	4.05	ug/l	100
20) trans-1,2-Dichloroethene	8.14	96	81702	2.81	ug/l	98
21) 1,1-Dichloroethane	8.53	63	210314	4.76	ug/l	98
27) cis-1,2 Dichloroethene	9.42	96	200548	5.92	ug/l	99
36) 1,1,1-Trichloroethane	10.91	97	301615	9.46	ug/l	99
44) Trichloroethene	12.55	95	1462377	50.09	ug/l	94
63) Tetrachloroethene	16.12	164	16863	0.92	ug/l	89

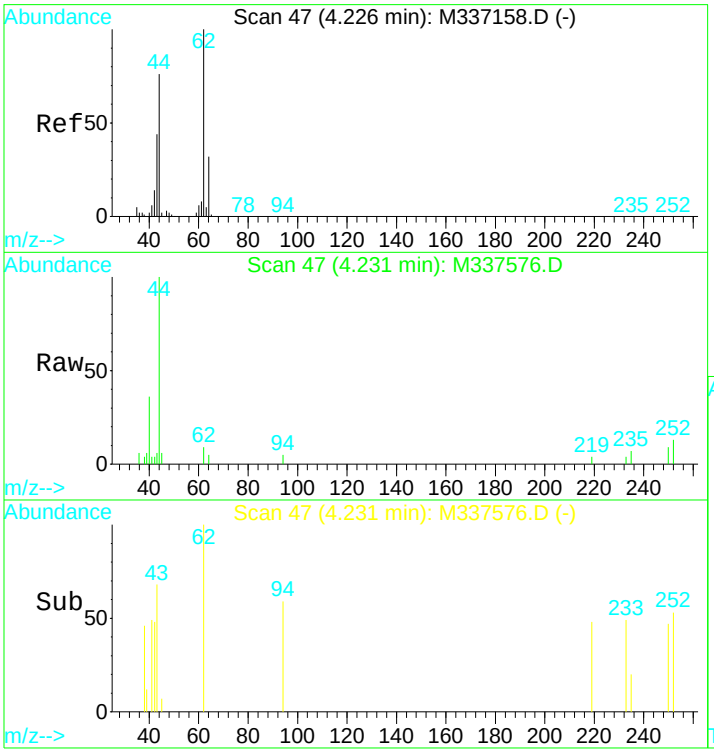
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337576.D Vial: 15
Acq On : 8 Dec 2009 3:42 pm Operator: MD
Sample : 0912038-03RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:25 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

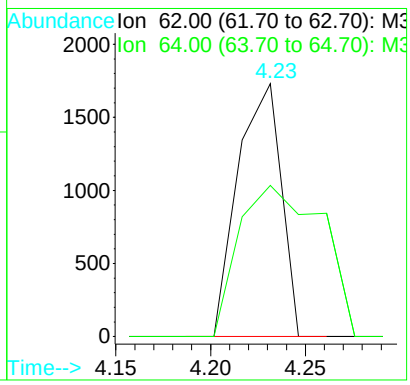


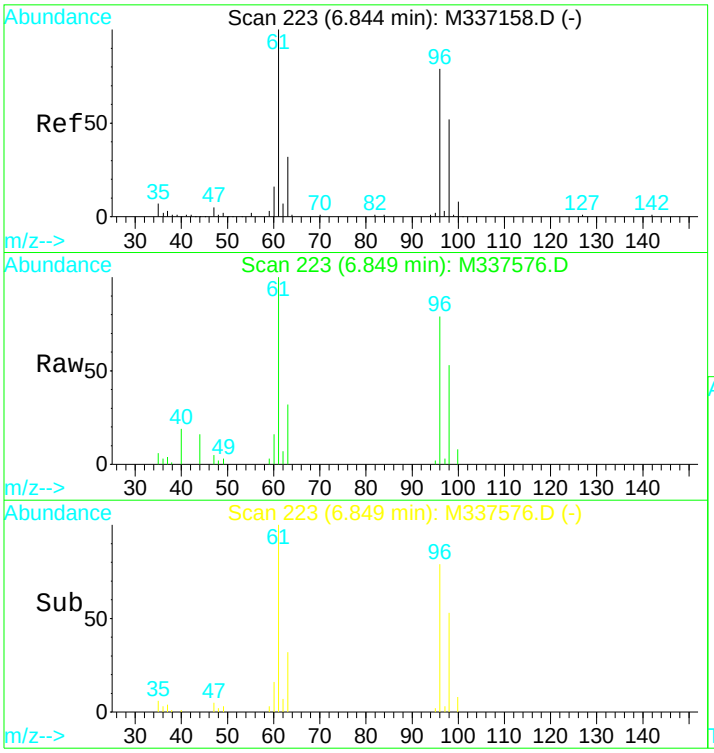


#4
Vinyl Chloride
Concen: 0.11 ug/l
RT: 4.23 min Scan# 47
Delta R.T. -0.01 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion: 62 Resp: 2745

Ion	Ratio	Lower	Upper
62	100		
64	59.8	1.8	61.8

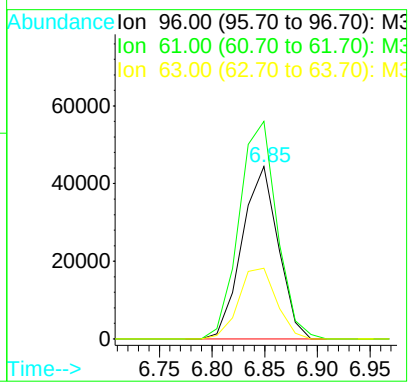


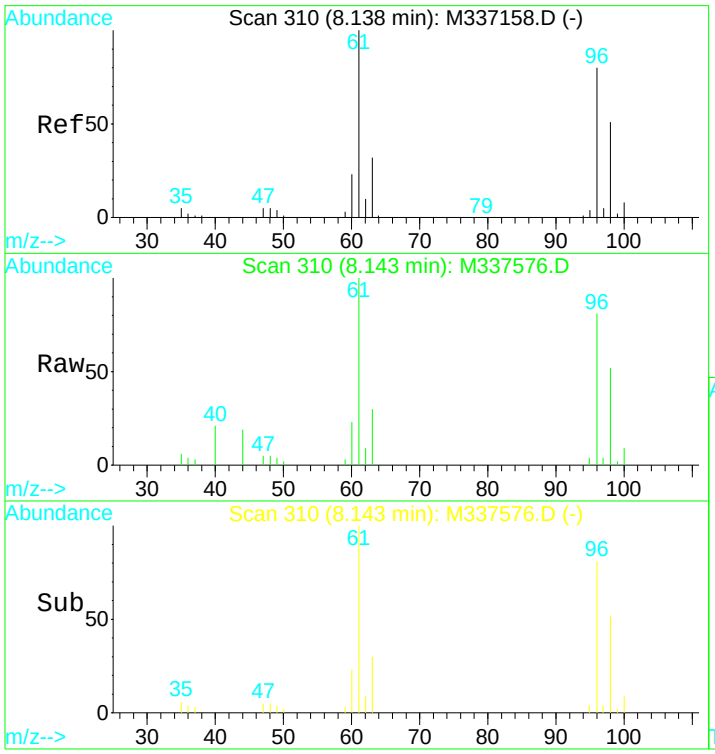


#16
1,1-Dichloroethene
Concen: 4.05 ug/l
RT: 6.85 min Scan# 223
Delta R.T. -0.01 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion: 96 Resp: 106078

Ion	Ratio	Lower	Upper
96	100		
61	126.3	96.1	156.1
63	40.9	10.0	70.0

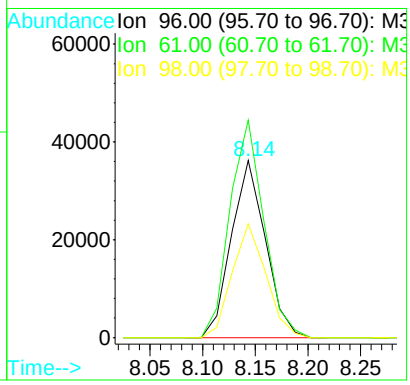


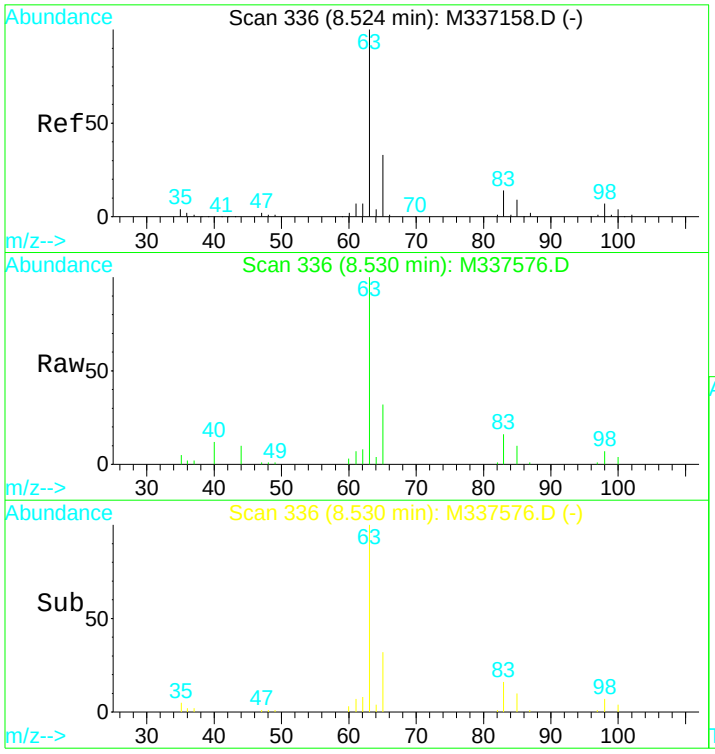


#20
trans-1,2-Dichloroethene
Concen: 2.81 ug/l
RT: 8.14 min Scan# 310
Delta R.T. -0.02 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion: 96 Resp: 81702

Ion	Ratio	Lower	Upper
96	100		
61	122.9	95.0	155.0
98	64.4	33.4	93.4

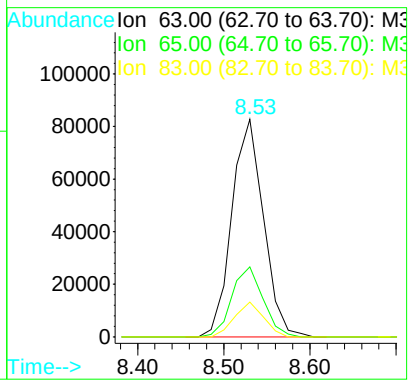


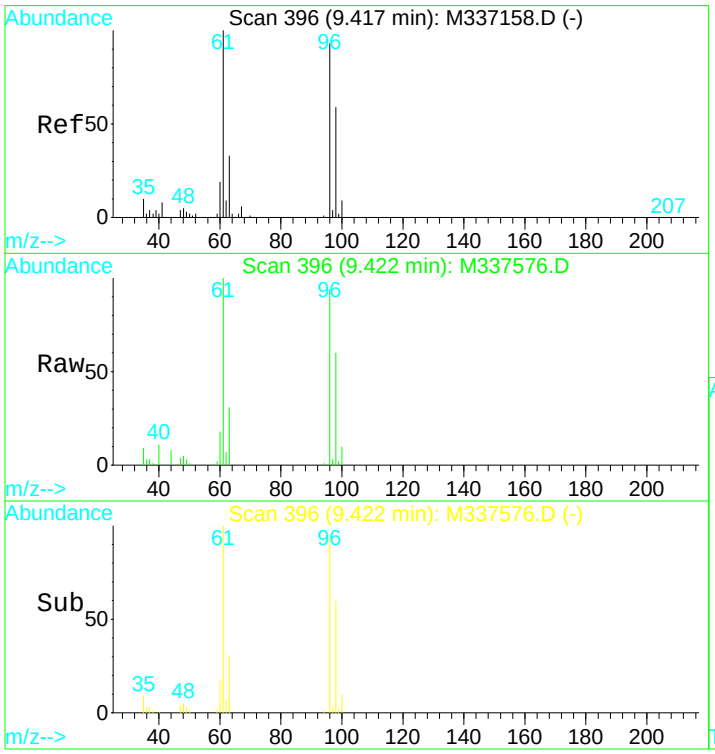


#21
1,1-Dichloroethane
Concen: 4.76 ug/l
RT: 8.53 min Scan# 336
Delta R.T. -0.01 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion: 63 Resp: 210314

Ion	Ratio	Lower	Upper
63	100		
65	32.2	2.9	62.9
83	16.0	0.0	44.2

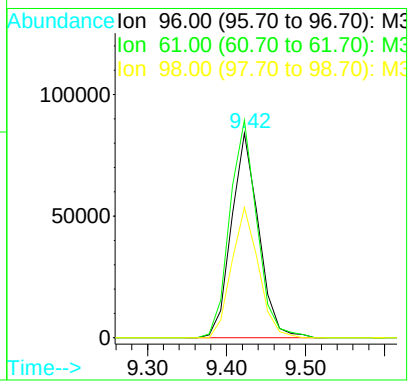


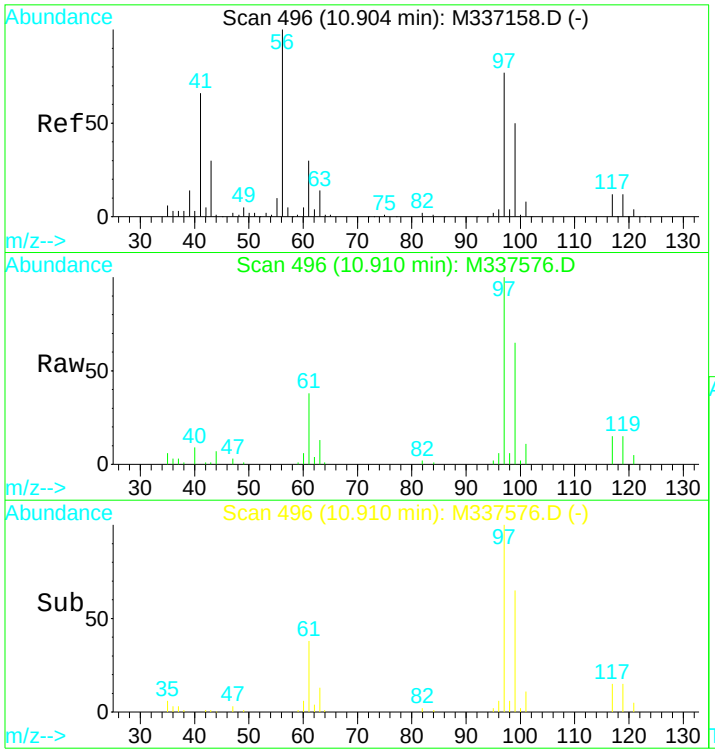


#27
cis-1,2 Dichloroethene
Concen: 5.92 ug/l
RT: 9.42 min Scan# 396
Delta R.T. -0.02 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion: 96 Resp: 200548

Ion	Ratio	Lower	Upper
96	100		
61	106.5	77.5	137.5
98	63.7	33.9	93.9

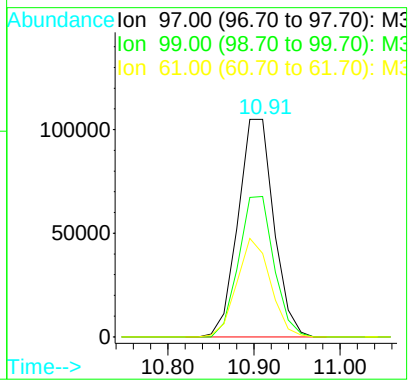


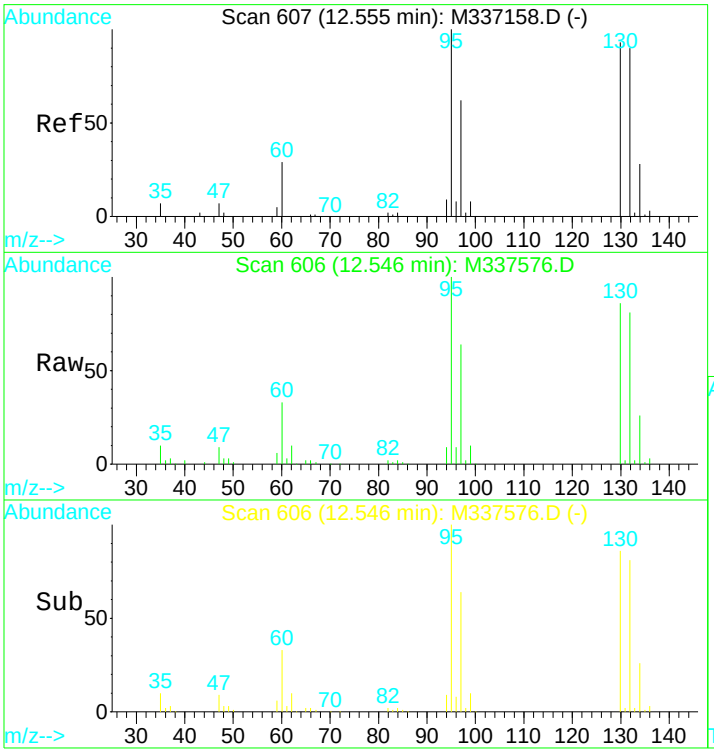


#36
1,1,1-Trichloroethane
Concen: 9.46 ug/l
RT: 10.91 min Scan# 496
Delta R.T. -0.01 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion: 97 Resp: 301615

Ion	Ratio	Lower	Upper
97	100		
99	64.5	34.9	94.9
61	38.4	9.8	69.8

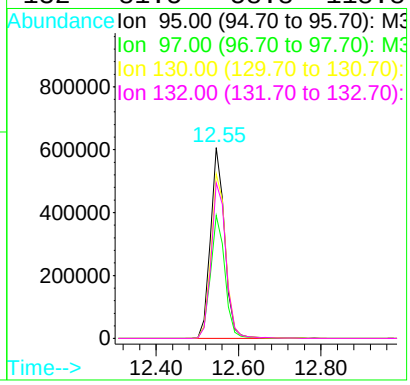


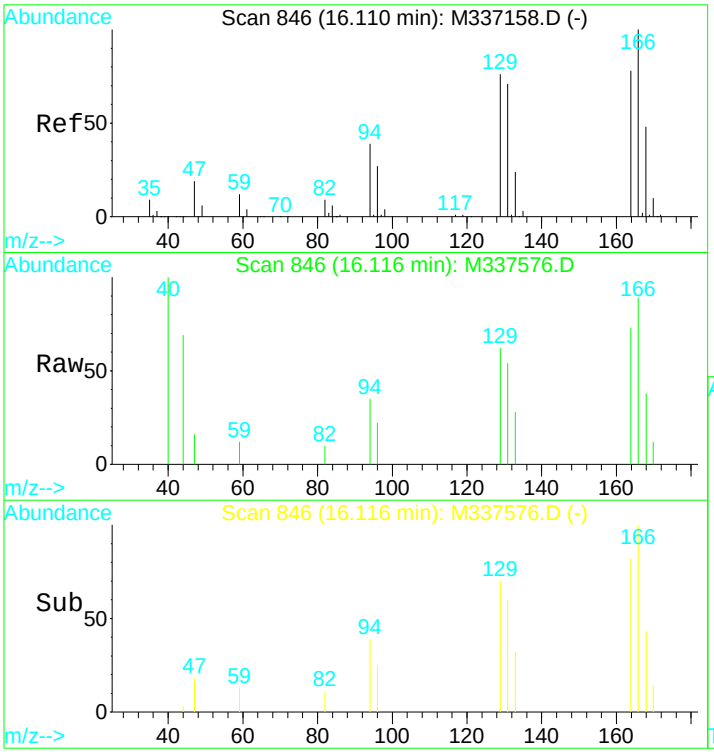


#44
Trichloroethene
Concen: 50.09 ug/l
RT: 12.55 min Scan# 606
Delta R.T. -0.02 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion: 95 Resp: 1462377

Ion	Ratio	Lower	Upper
95	100		
97	64.4	35.0	95.0
130	86.2	62.7	122.7
132	81.5	58.8	118.8

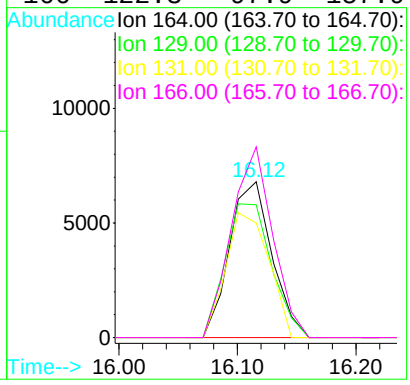




#63
Tetrachloroethene
Concen: 0.92 ug/l
RT: 16.12 min Scan# 846
Delta R.T. -0.01 min
Lab File: M337576.D
Acq: 8 Dec 2009 3:42 pm

Tgt Ion:164 Resp: 16863

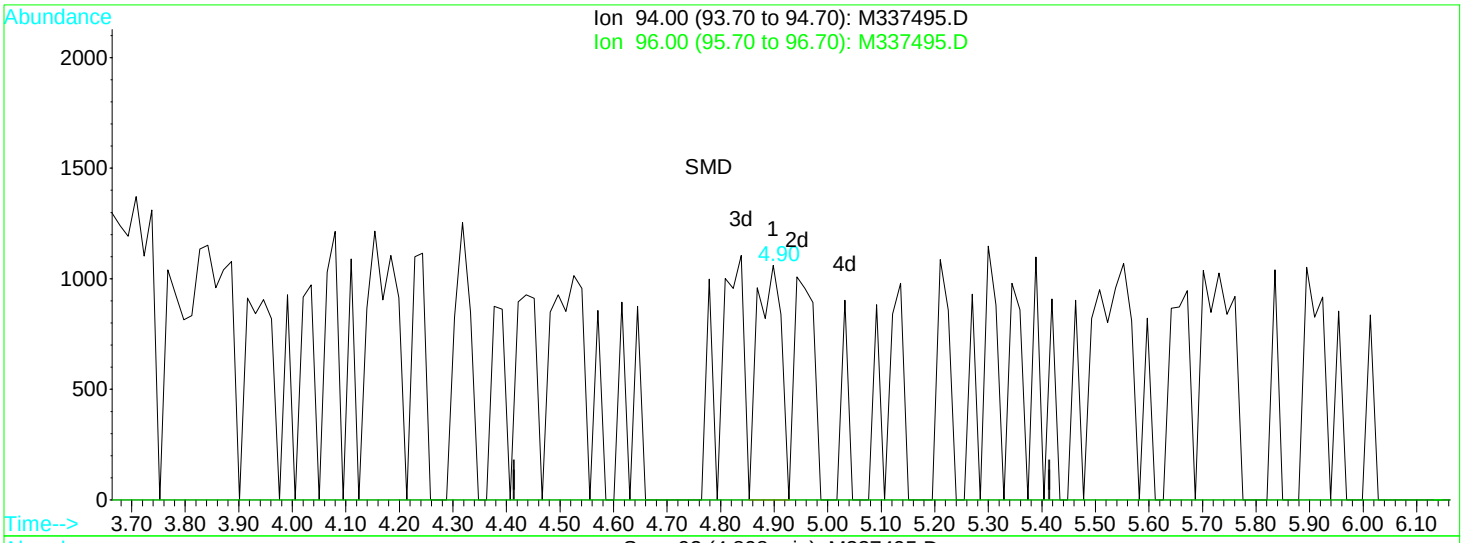
Ion	Ratio	Lower	Upper
164	100		
129	85.2	66.7	126.7
131	73.5	61.4	121.4
166	122.3	97.9	157.9

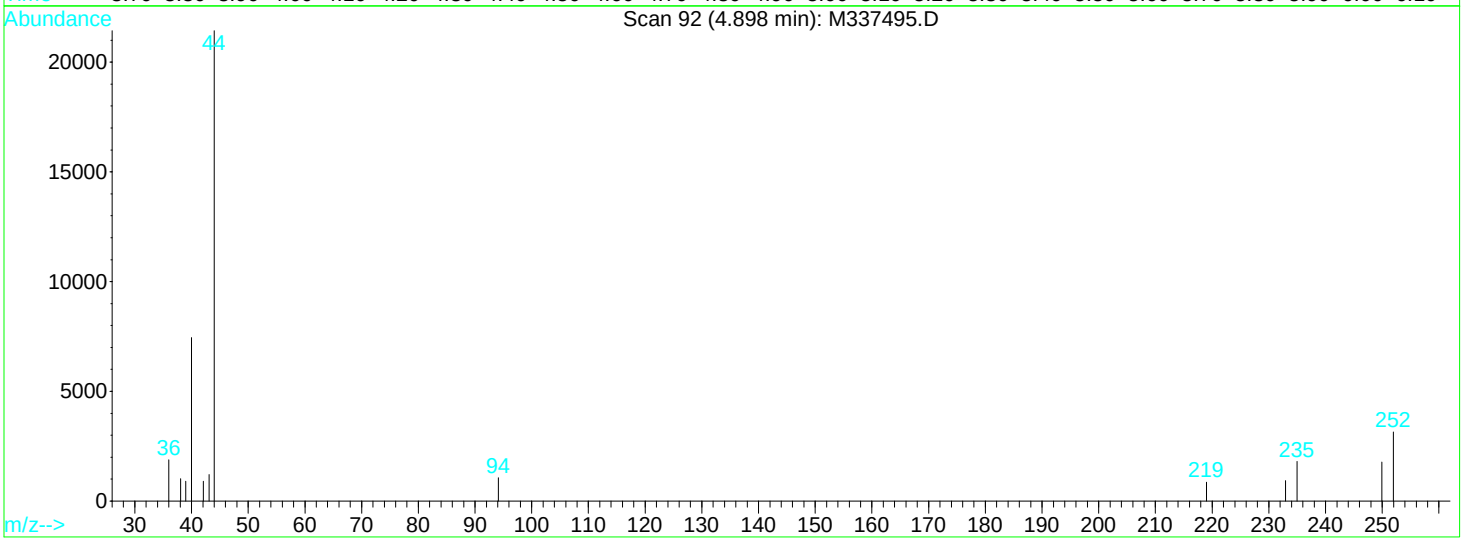


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 18:27 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337495.D

(5) Bromomethane

4.90min 0.18ug/l

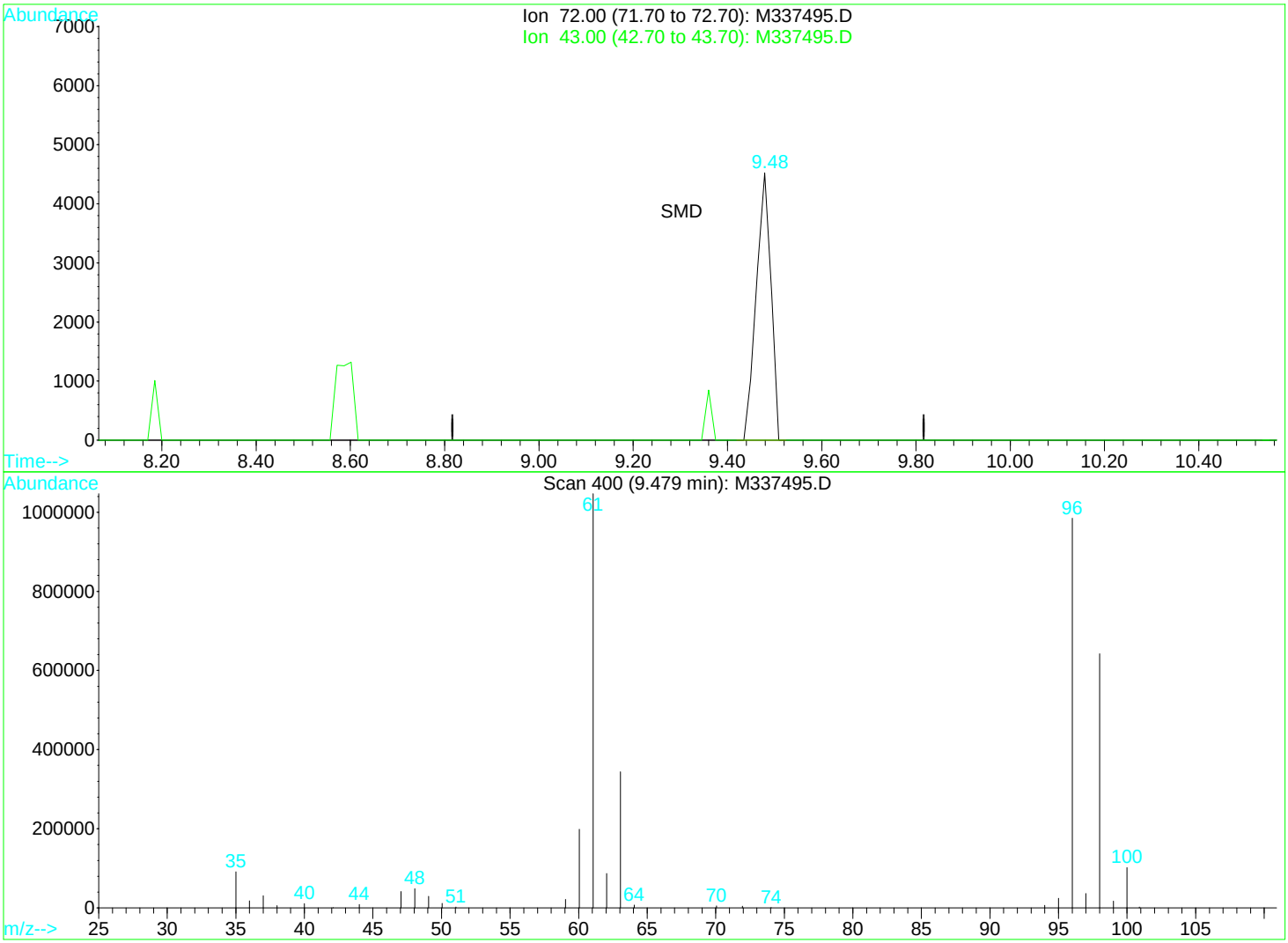
response 3282

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337495.D

(24) 2-Butanone

9.48min 6.87ug/l

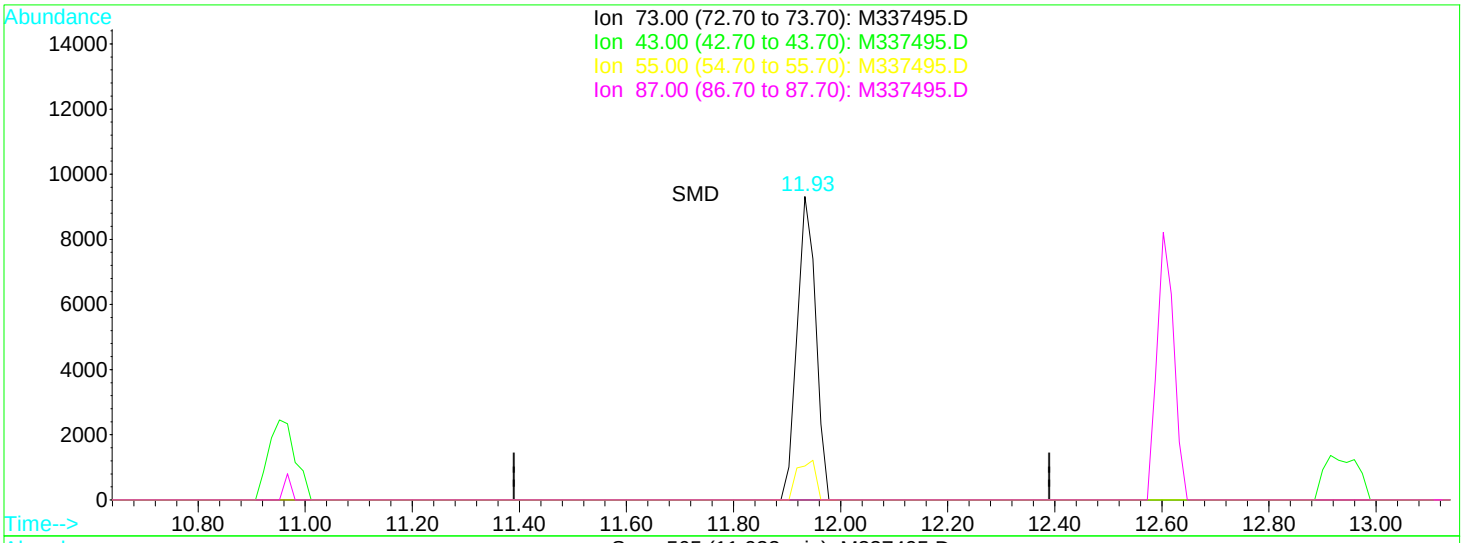
response 9756

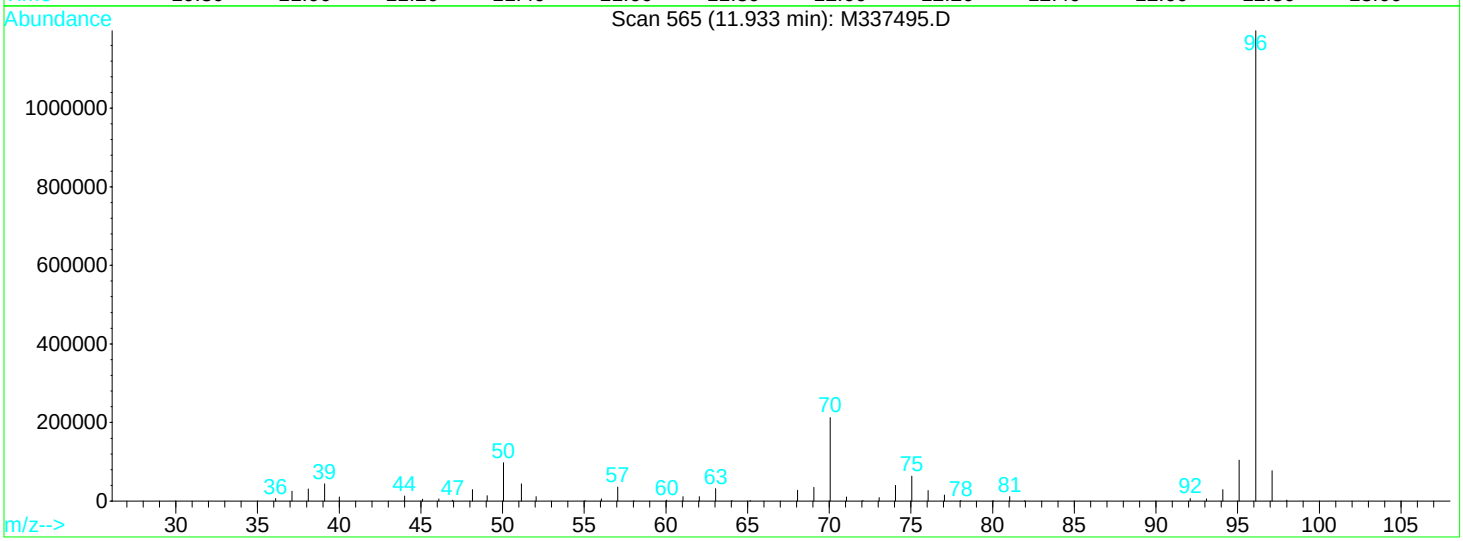
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337495.D

(43) Tertiary-amyl methyl ether

11.93min 0.48ug/l

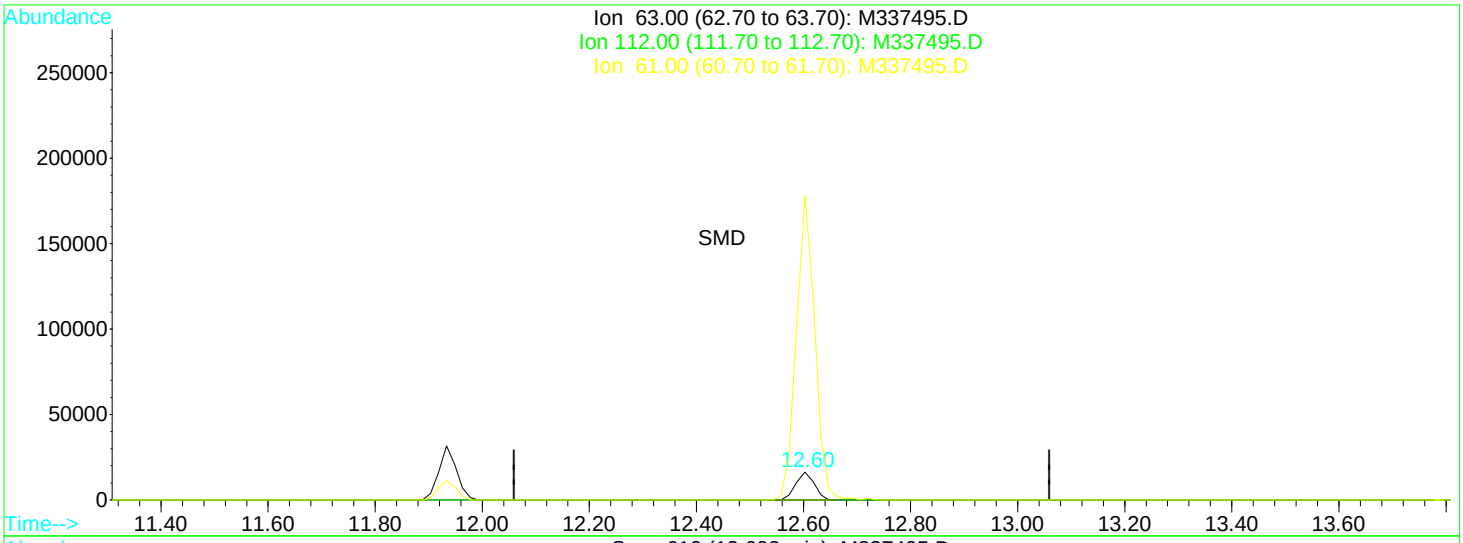
response 22454

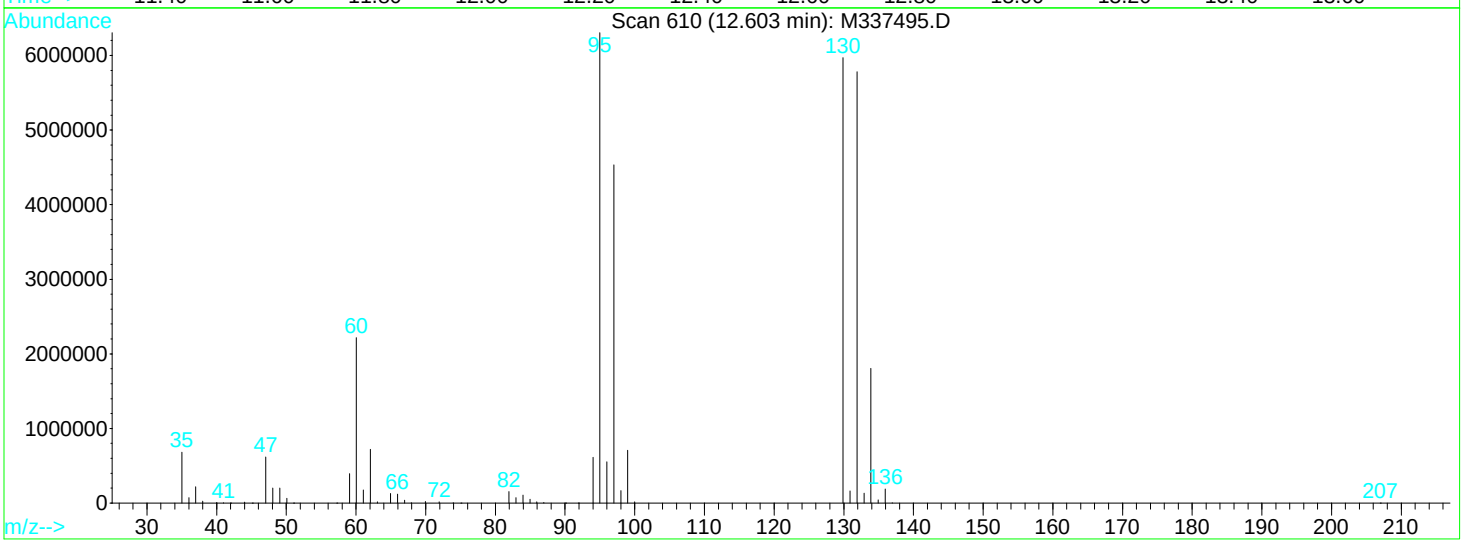
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.23
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:30 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337495.D

(45) 1,2-Dichloropropane

12.60min 1.36ug/l

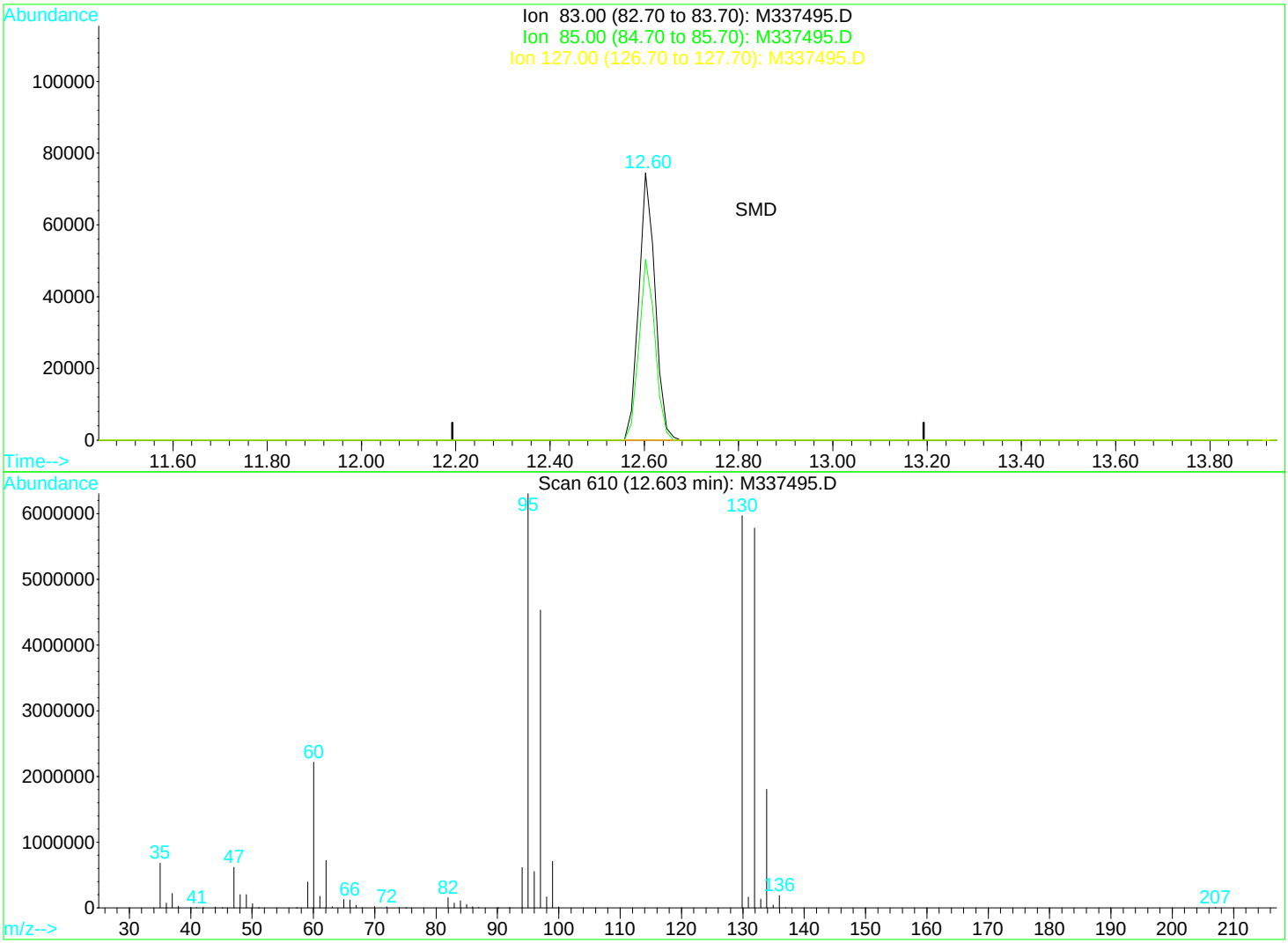
response 38848

Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1093.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:30 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration



TIC: M337495.D

(48) Bromodichloromethane

12.60min 5.28ug/l

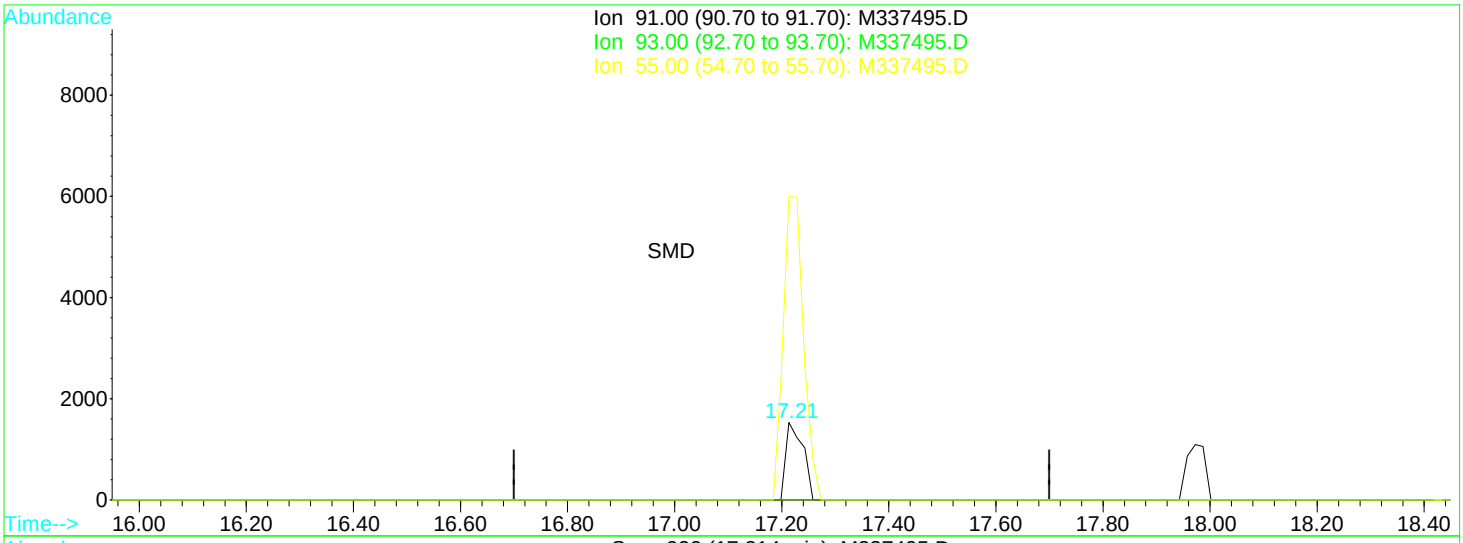
response 177157

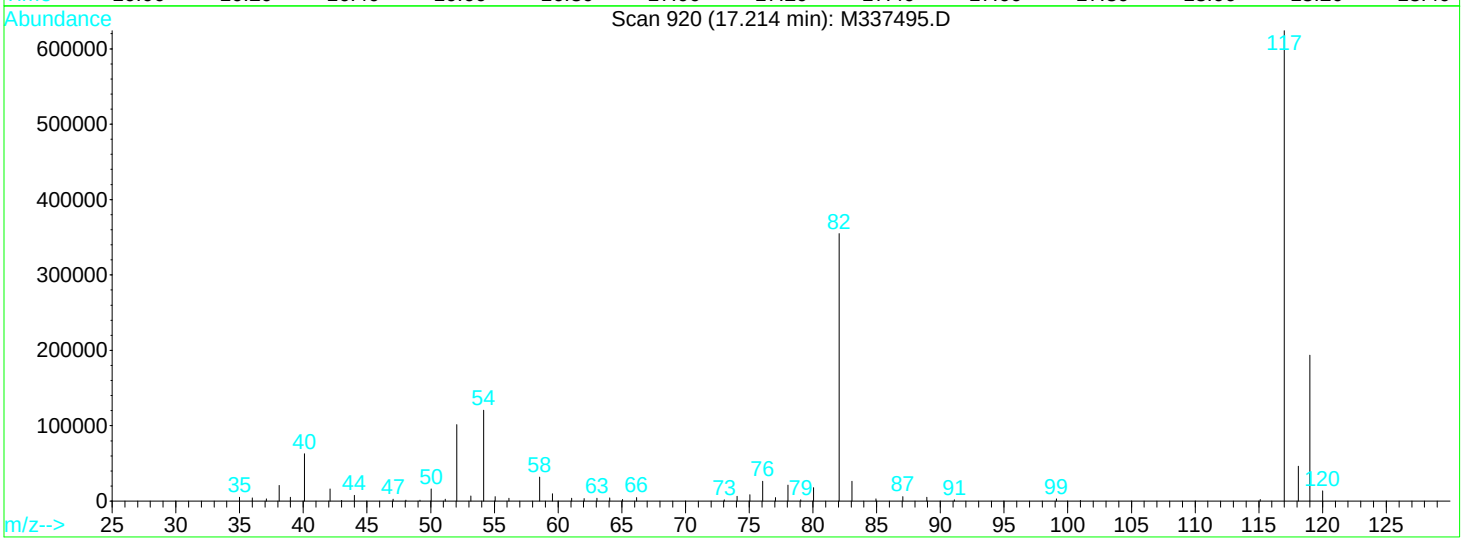
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	67.59
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:30 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337495.D

(66) 1-Chlorohexane

17.21min 0.13ug/l

response 3378

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	392.09#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:30 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

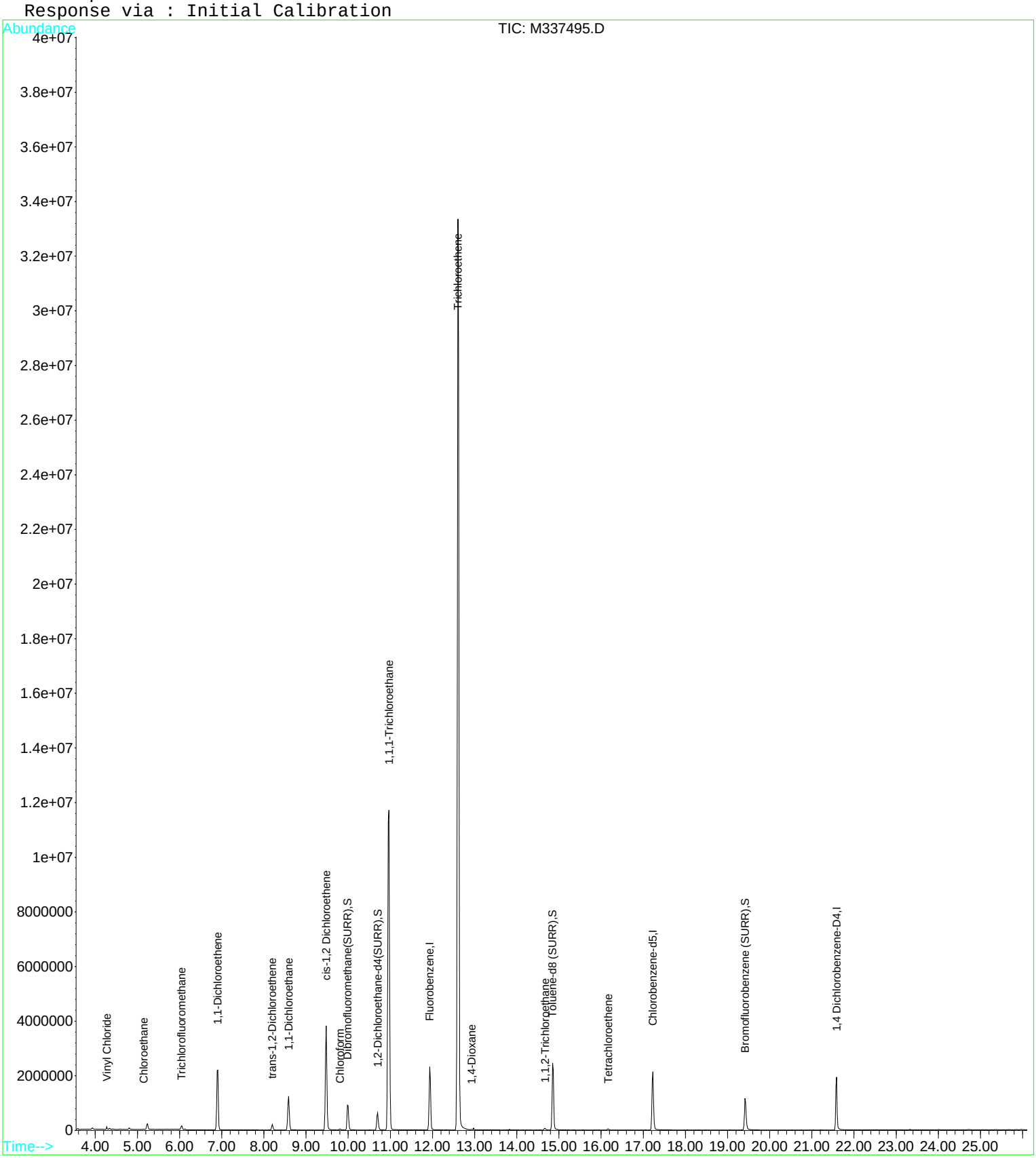
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.93	96	2996340	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.23	117	2023452	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.59	152	746555	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.98	111	844770	22.82	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.28%			
41) 1,2-Dichloroethane-d4(SURR	10.70	65	486612	23.98	ug/l	-0.02
Spiked Amount 25.000			Recovery = 95.92%			
59) Toluene-d8 (SURR)	14.85	98	2484968	23.82	ug/l	-0.03
Spiked Amount 25.000			Recovery = 95.28%			
75) Bromofluorobenzene (SURR)	19.41	95	833957	23.29	ug/l	-0.02
Spiked Amount 25.000			Recovery = 93.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.27	62	33485	1.31	ug/l	85
6) Chloroethane	5.15	64	5049	0.35	ug/l	75
7) Trichlorofluoromethane	6.04	101	152715	4.44	ug/l	99
16) 1,1-Dichloroethene	6.91	96	1359028	48.51	ug/l	96
20) trans-1,2-Dichloroethene	8.20	96	107144	3.44	ug/l	96
21) 1,1-Dichloroethane	8.59	63	1499982	31.73	ug/l	98
27) cis-1,2 Dichloroethene	9.48	96	2334609	64.38	ug/l	99
33) Chloroform	9.81	83	40191	0.84	ug/l	99
36) 1,1,1-Trichloroethane	10.97	97	10646732	312.21	ug/l	98
44) Trichloroethene	12.60	95	16425895	526.02	ug/l	96
49) 1,4-Dioxane	12.93	88	17500	218.74	ug/l	97
56) 1,1,2-Trichloroethane	14.67	83	29964	1.51	ug/l	97
63) Tetrachloroethene	16.17	164	15580	0.83	ug/l	87

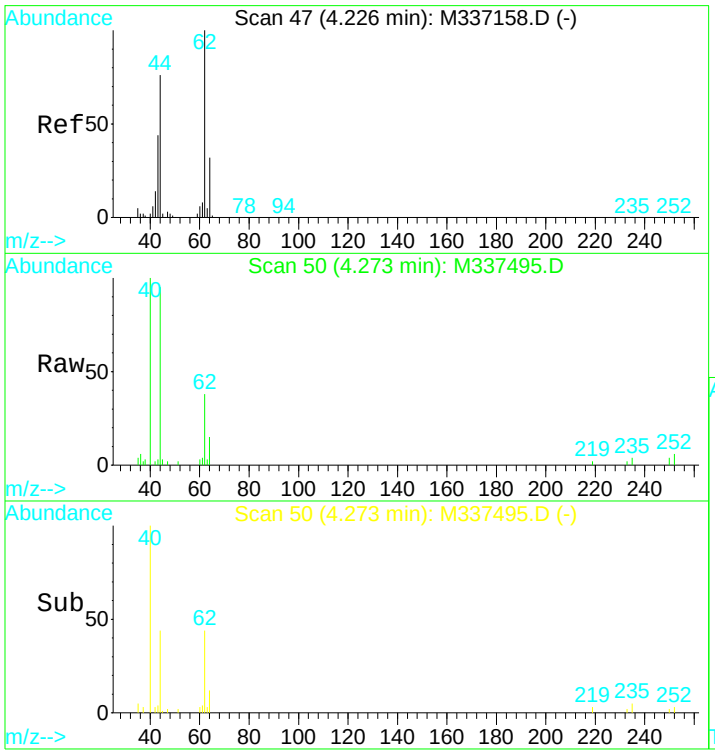
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337495.D Vial: 19
Acq On : 3 Dec 2009 5:57 pm Operator: MD
Sample : 0912038-04 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:30 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

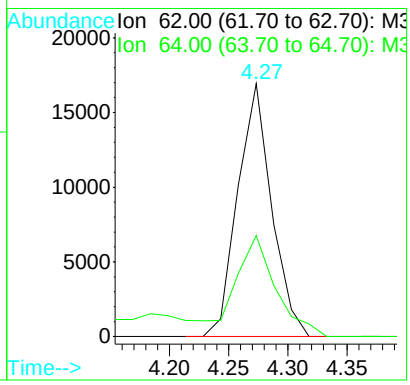


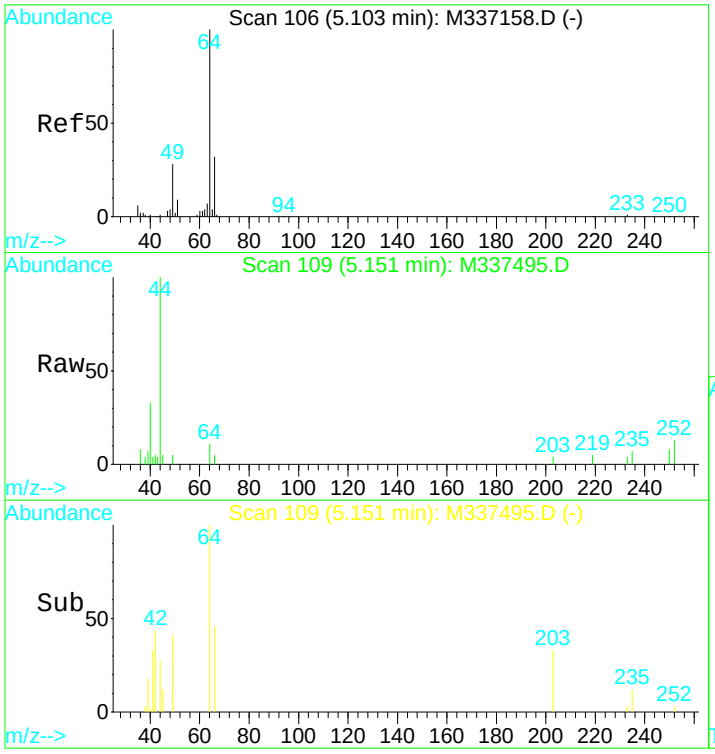


#4
Vinyl Chloride
Concen: 1.31 ug/l
RT: 4.27 min Scan# 50
Delta R.T. -0.00 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 62 Resp: 33485

Ion	Ratio	Lower	Upper
62	100		
64	40.0	1.8	61.8

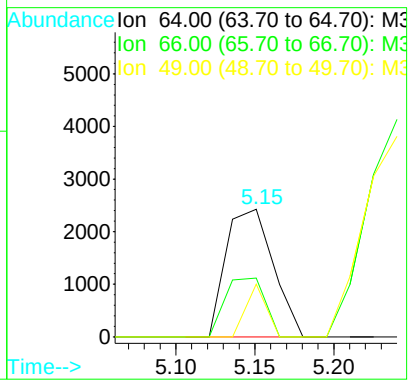


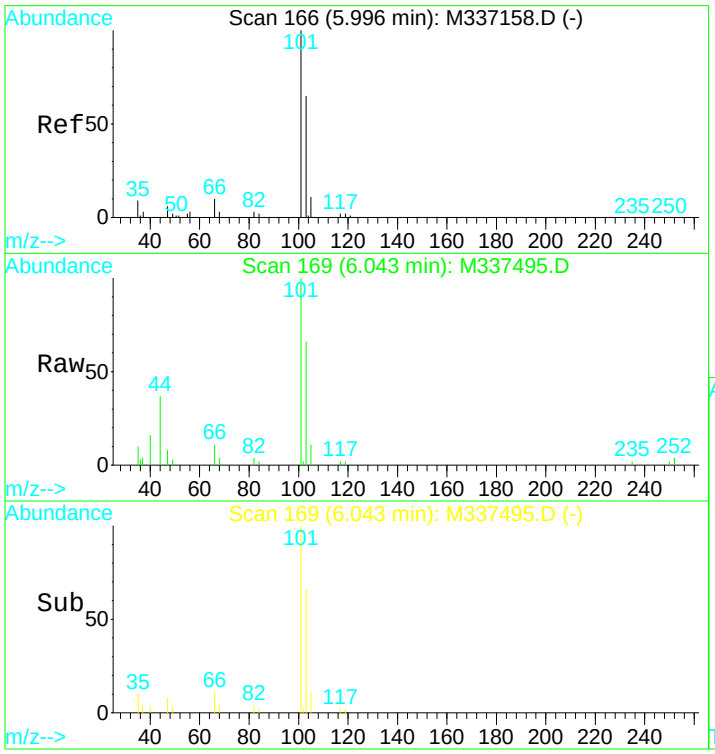


#6
Chloroethane
Concen: 0.35 ug/l
RT: 5.15 min Scan# 109
Delta R.T. -0.00 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 64 Resp: 5049

Ion	Ratio	Lower	Upper
64	100		
66	46.0	2.1	62.1
49	41.4	0.0	58.1

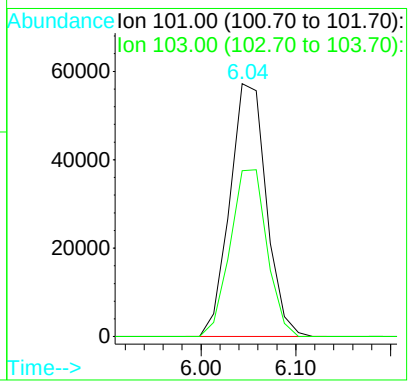


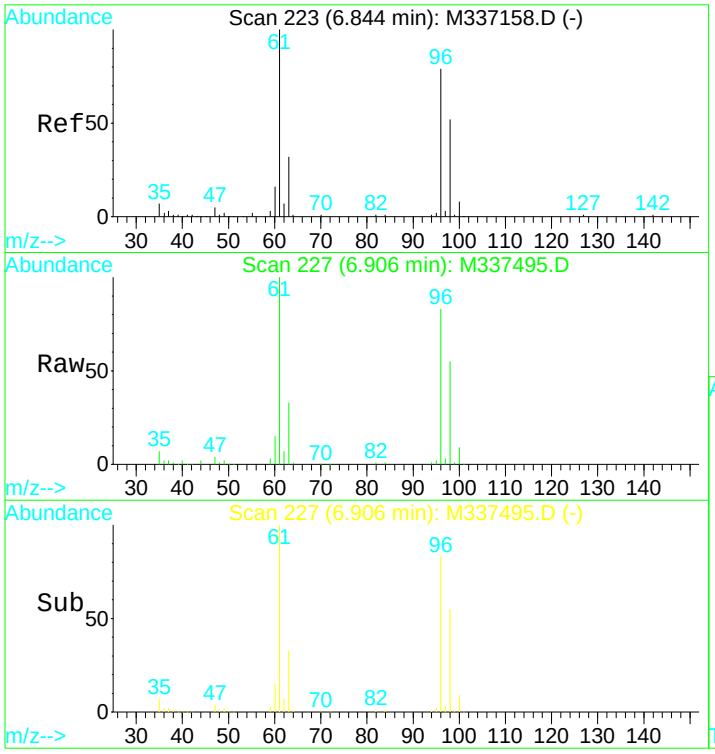


#7
Trichlorofluoromethane
Concen: 4.44 ug/l
RT: 6.04 min Scan# 169
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion:101 Resp: 152715

Ion	Ratio	Lower	Upper
101	100		
103	65.6	34.5	94.5

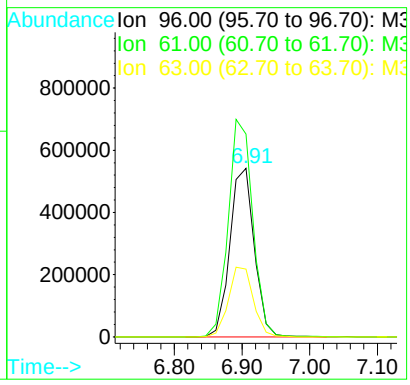


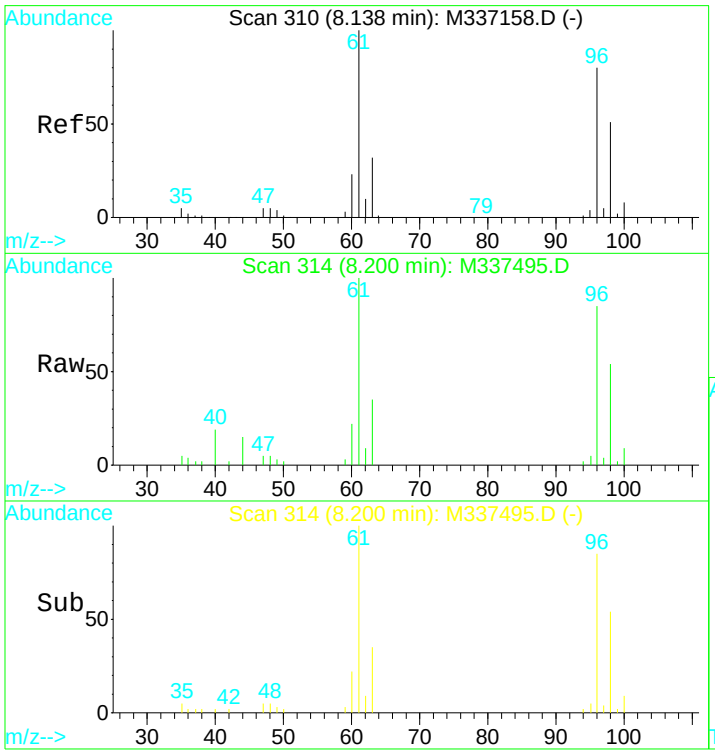


#16
1,1-Dichloroethene
Concen: 48.51 ug/l
RT: 6.91 min Scan# 227
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 96 Resp: 1359028

Ion	Ratio	Lower	Upper
96	100		
61	120.3	96.1	156.1
63	40.1	10.0	70.0

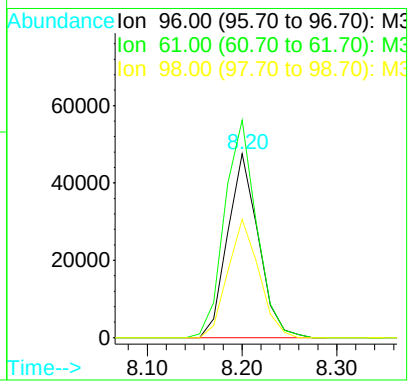


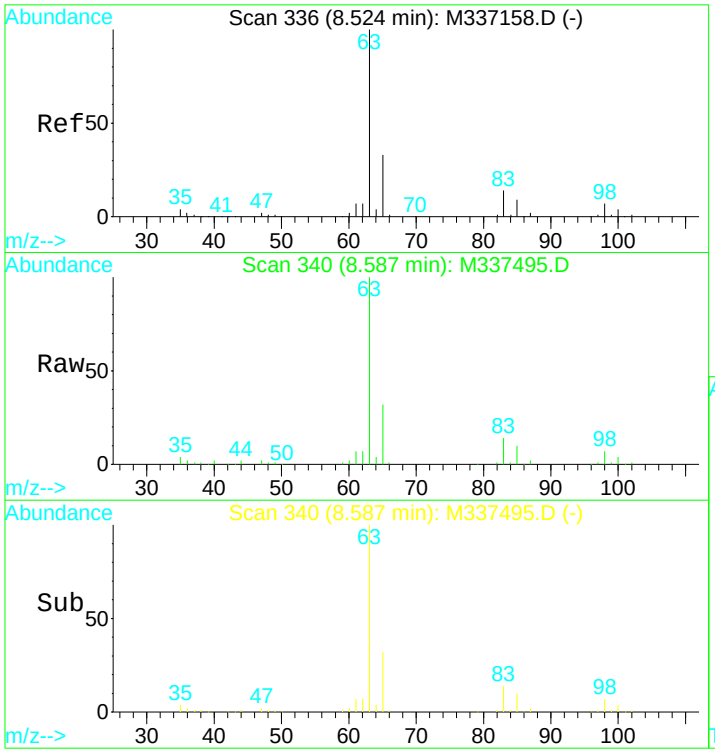


#20
trans-1,2-Dichloroethene
Concen: 3.44 ug/l
RT: 8.20 min Scan# 314
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 96 Resp: 107144

Ion	Ratio	Lower	Upper
96	100		
61	118.3	95.0	155.0
98	64.4	33.4	93.4

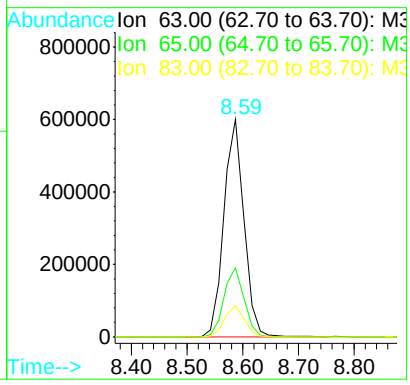


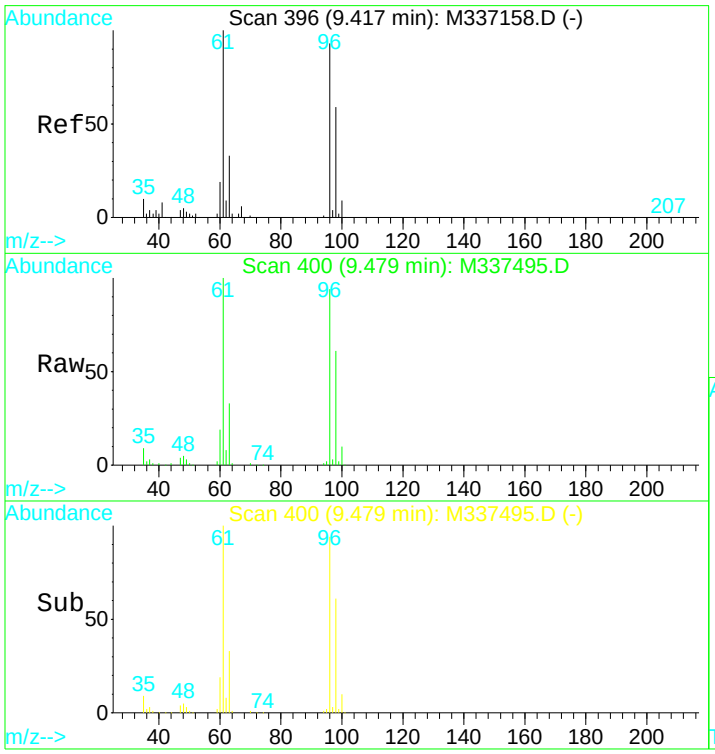


#21
1,1-Dichloroethane
Concen: 31.73 ug/l
RT: 8.59 min Scan# 340
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 63 Resp: 1499982

Ion	Ratio	Lower	Upper
63	100		
65	31.7	2.9	62.9
83	14.4	0.0	44.2

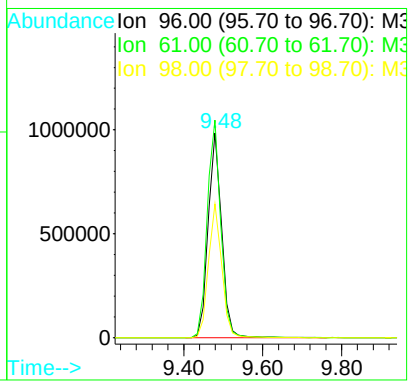


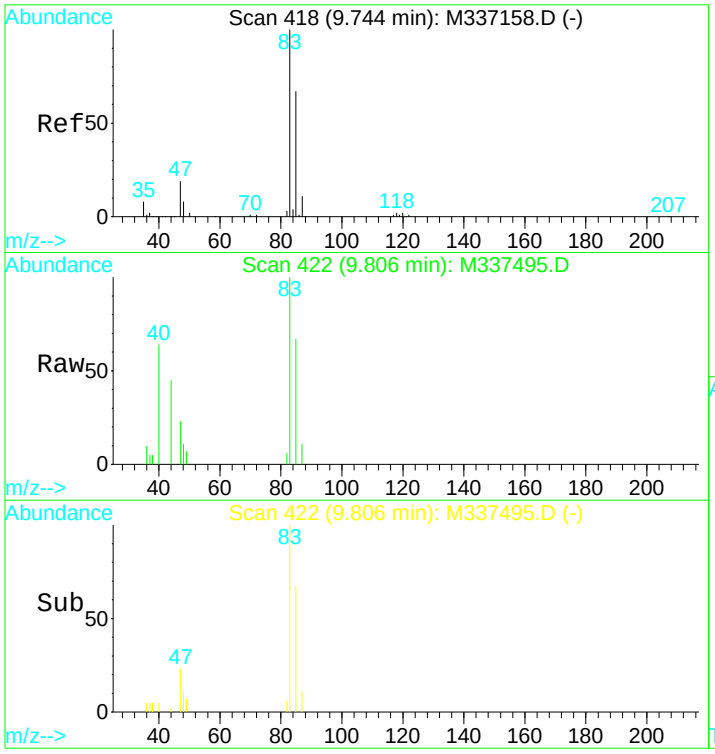


#27
cis-1,2 Dichloroethene
Concen: 64.38 ug/l
RT: 9.48 min Scan# 400
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 96 Resp: 2334609

Ion	Ratio	Lower	Upper
96	100		
61	106.3	77.5	137.5
98	65.3	33.9	93.9

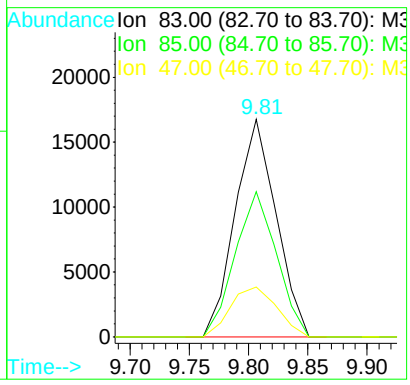


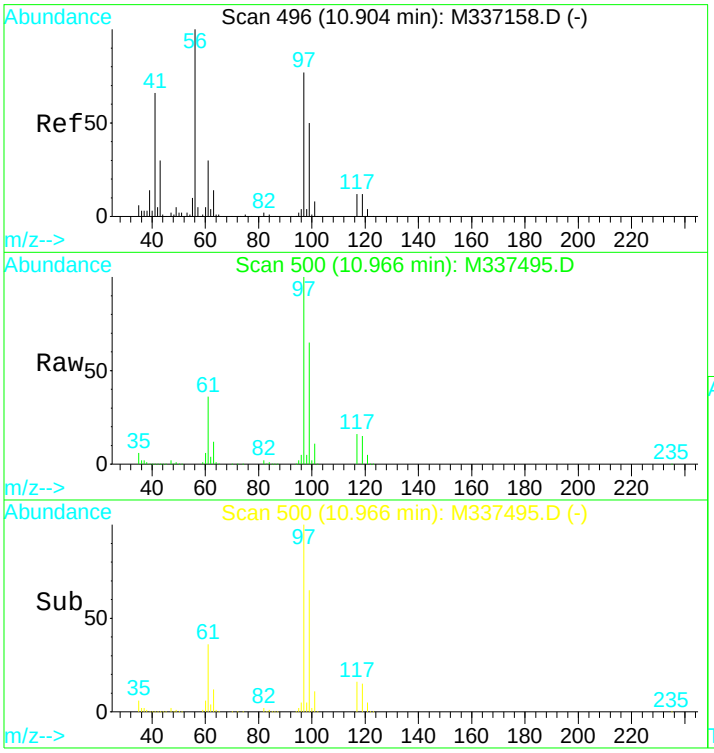


#33
Chloroform
Concen: 0.84 ug/l
RT: 9.81 min Scan# 422
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 83 Resp: 40191

Ion	Ratio	Lower	Upper
83	100		
85	66.7	37.1	97.1
47	22.9	0.0	53.5

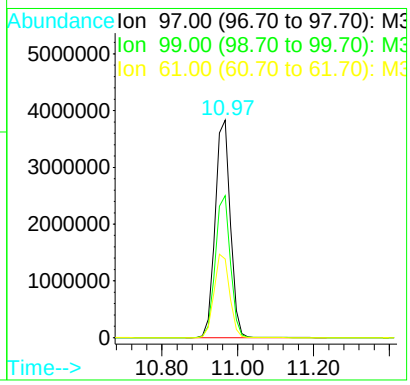


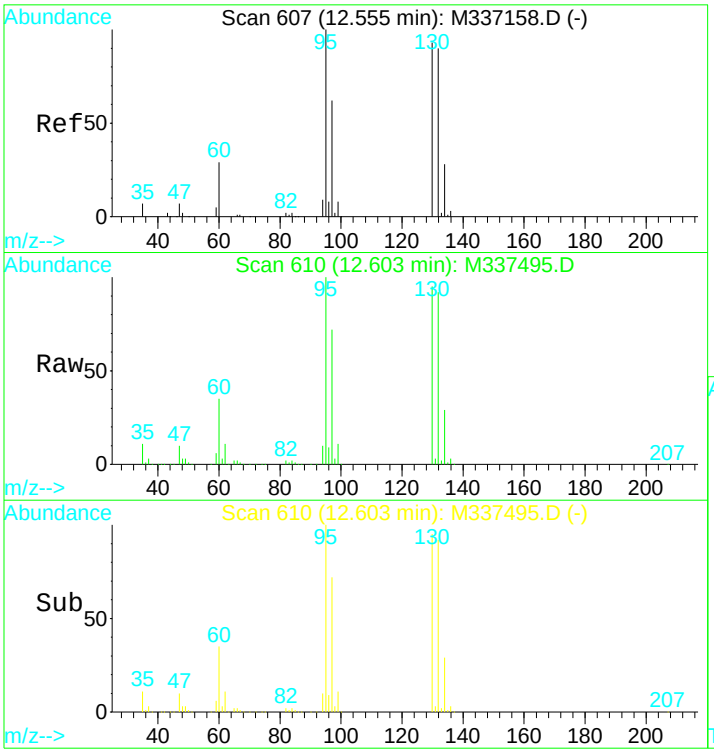


#36
1,1,1-Trichloroethane
Concen: 312.21 ug/l
RT: 10.97 min Scan# 500
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 97 Resp:10646732

Ion	Ratio	Lower	Upper
97	100		
99	65.2	34.9	94.9
61	36.2	9.8	69.8

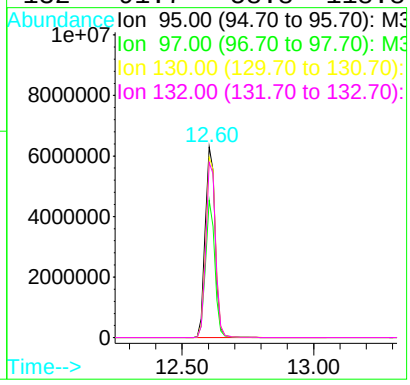


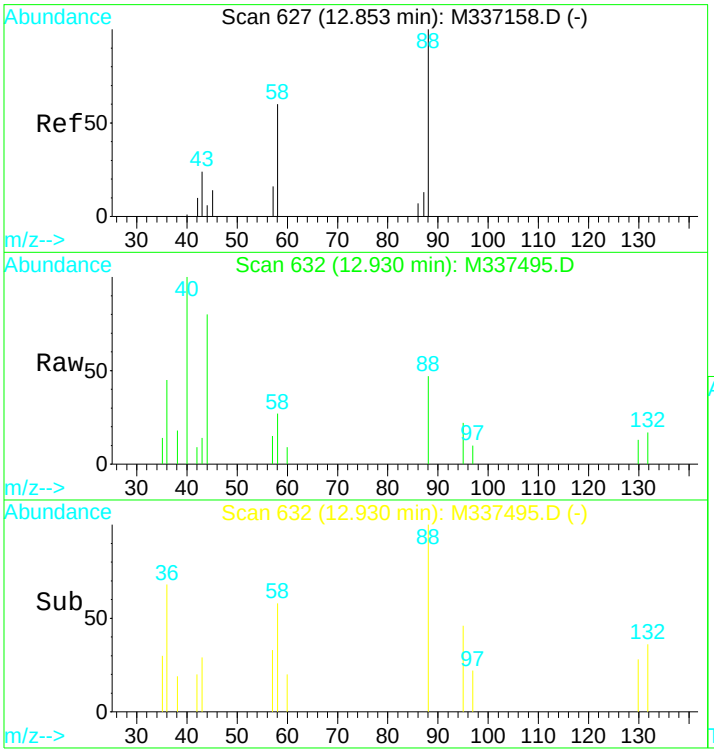


#44
Trichloroethene
Concen: 526.02 ug/l
RT: 12.60 min Scan# 610
Delta R.T. -0.02 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 95 Resp:16425895

Ion	Ratio	Lower	Upper
95	100		
97	71.9	35.0	95.0
130	94.7	62.7	122.7
132	91.7	58.8	118.8

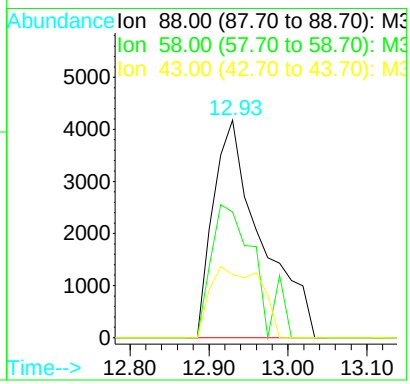


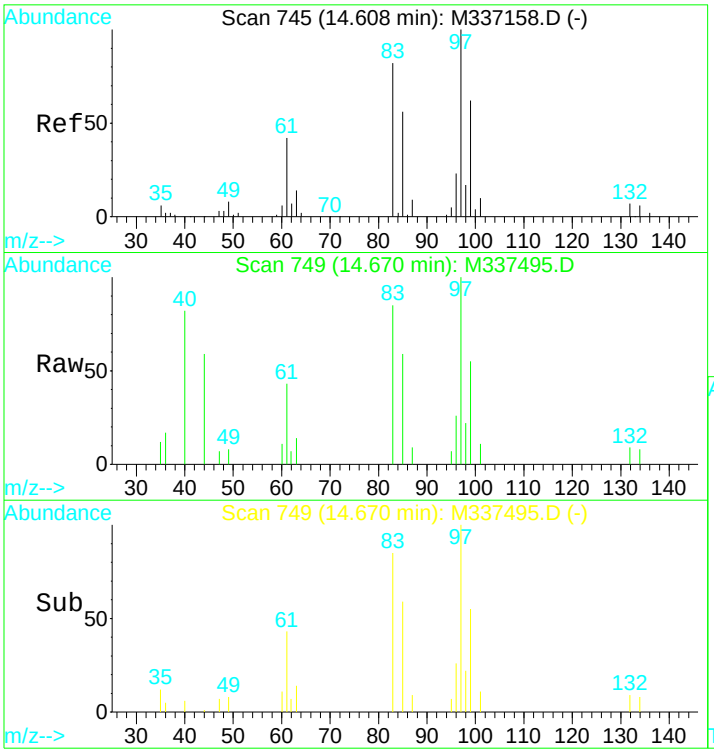


#49
1,4-Dioxane
Concen: 218.74 ug/l
RT: 12.93 min Scan# 632
Delta R.T. 0.01 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 88 Resp: 17500

Ion	Ratio	Lower	Upper
88	100		
58	57.8	30.1	90.1
43	29.1	1.3	61.3

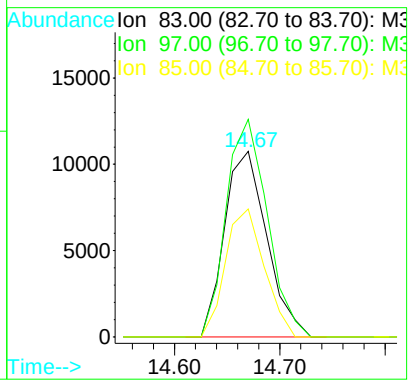


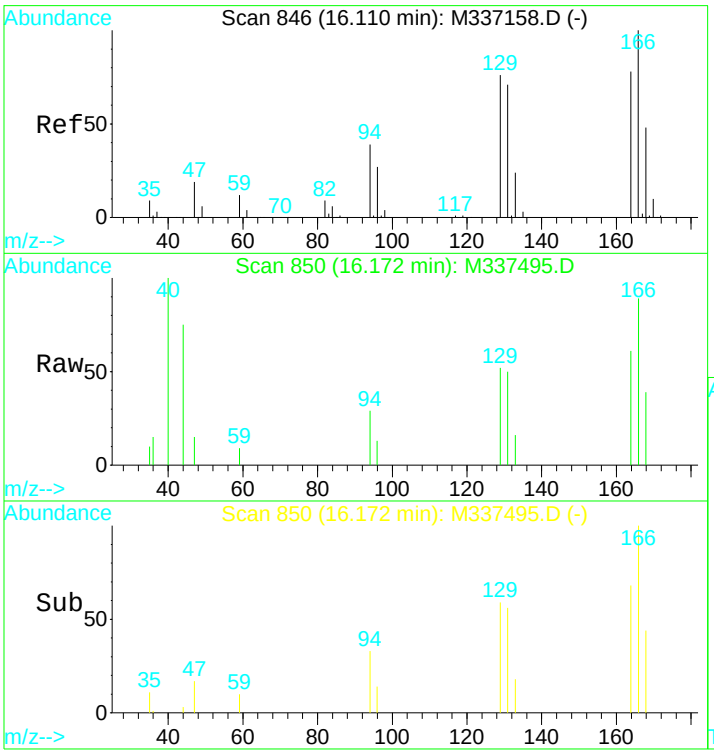


#56
1,1,2-Trichloroethane
Concen: 1.51 ug/l
RT: 14.67 min Scan# 749
Delta R.T. -0.00 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion: 83 Resp: 29964

Ion	Ratio	Lower	Upper
83	100		
97	117.4	91.3	151.3
85	69.0	37.4	97.4

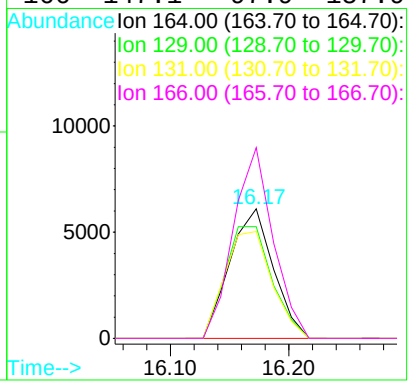




#63
Tetrachloroethene
Concen: 0.83 ug/l
RT: 16.17 min Scan# 850
Delta R.T. -0.00 min
Lab File: M337495.D
Acq: 3 Dec 2009 5:57 pm

Tgt Ion:164 Resp: 15580

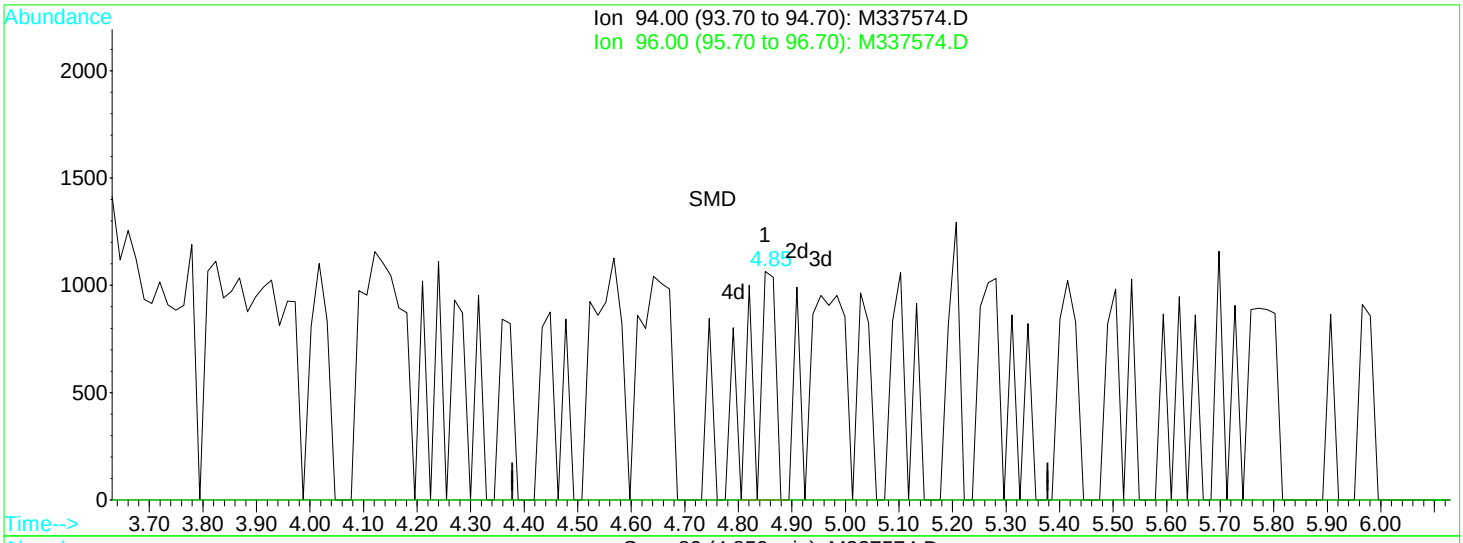
Ion	Ratio	Lower	Upper
164	100		
129	86.2	66.7	126.7
131	82.5	61.4	121.4
166	147.1	97.9	157.9

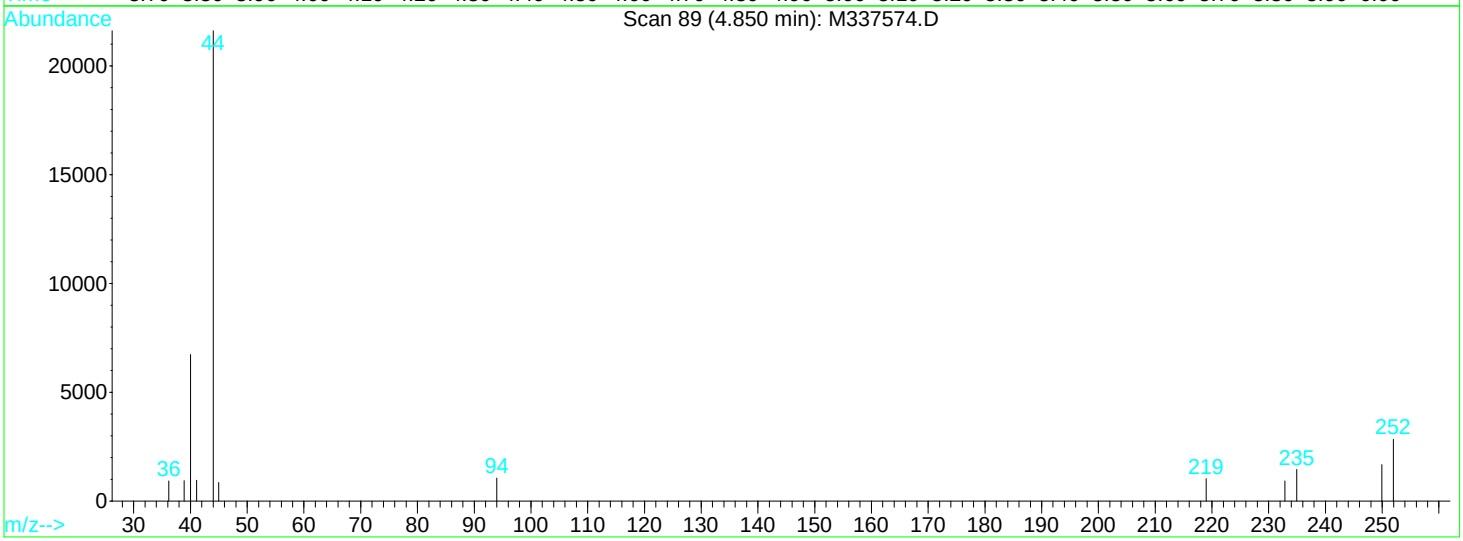


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337574.D Vial: 13
Acq On : 8 Dec 2009 2:39 pm Operator: MD
Sample : 0912038-04RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 15:09 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337574.D

(5) Bromomethane

4.85min 0.17ug/l

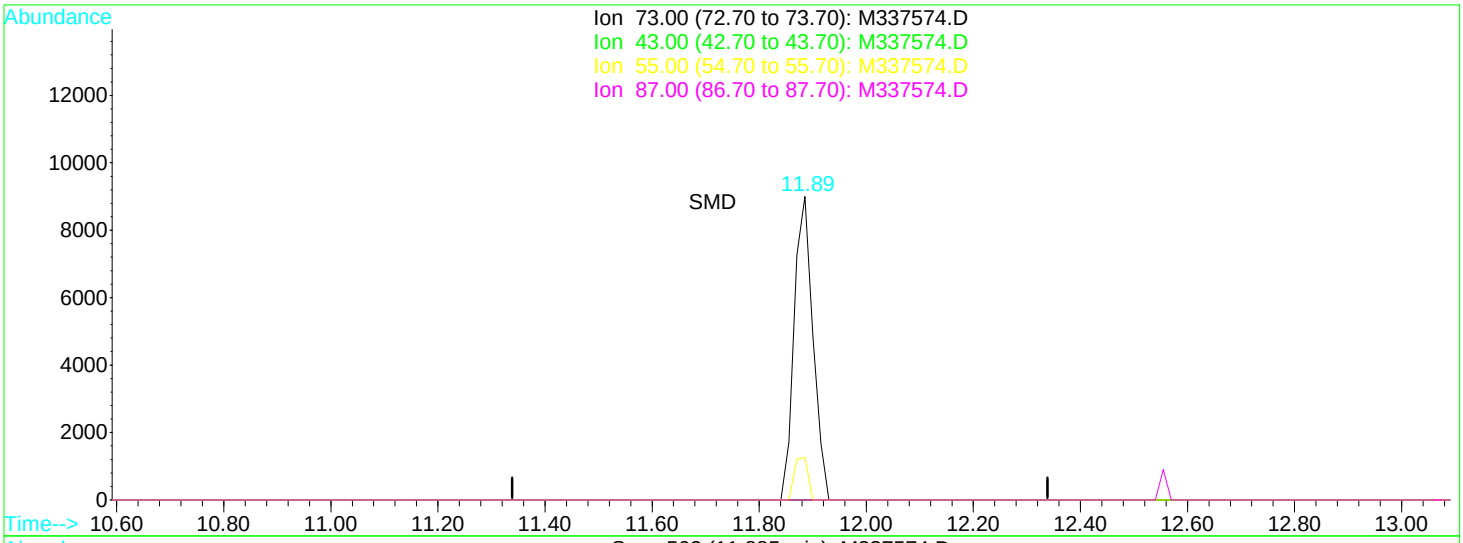
response 2770

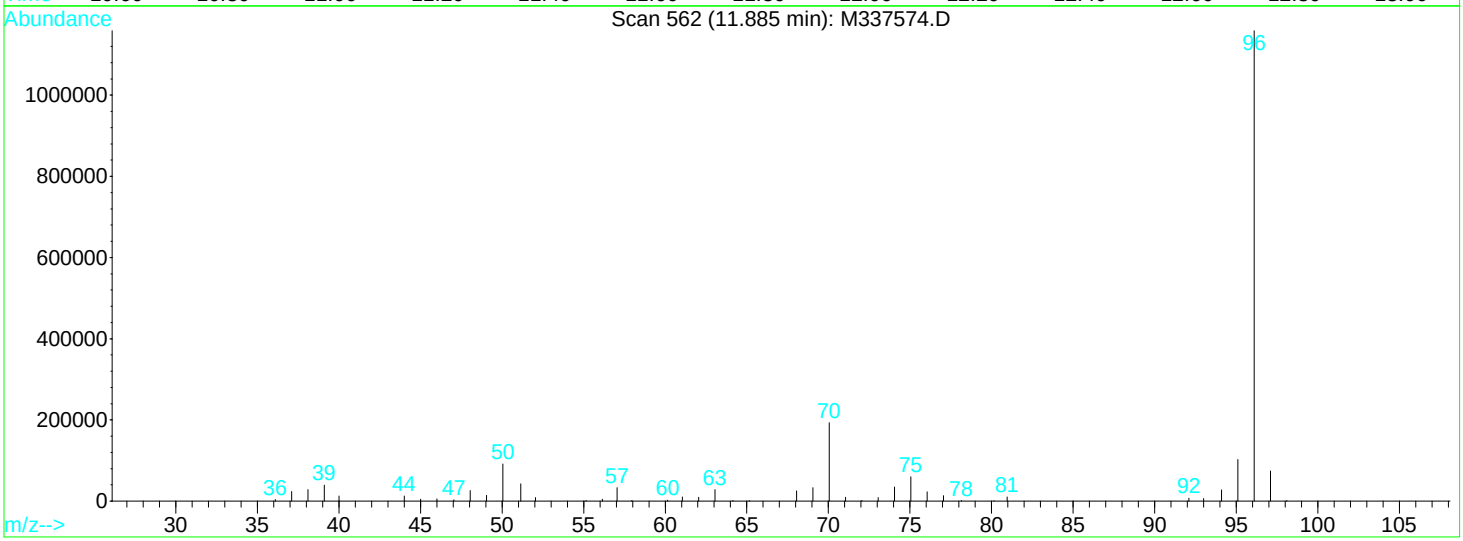
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337574.D Vial: 13
Acq On : 8 Dec 2009 2:39 pm Operator: MD
Sample : 0912038-04RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337574.D

(43) Tertiary-amyl methyl ether

11.89min 0.51ug/l

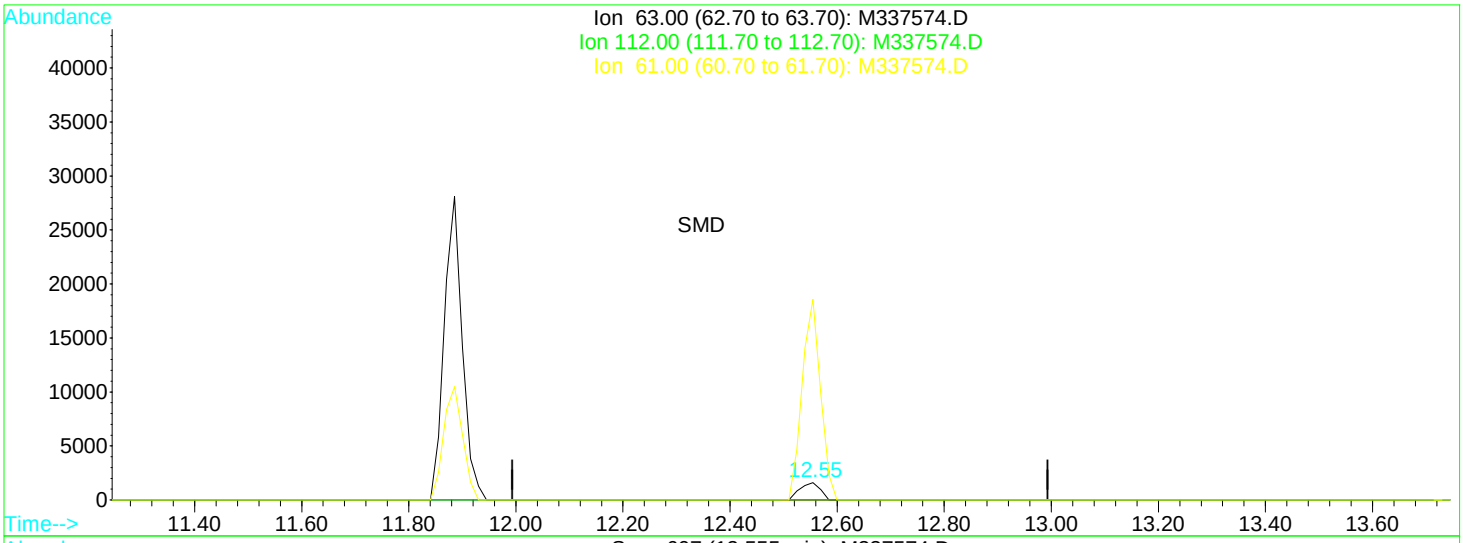
response 21872

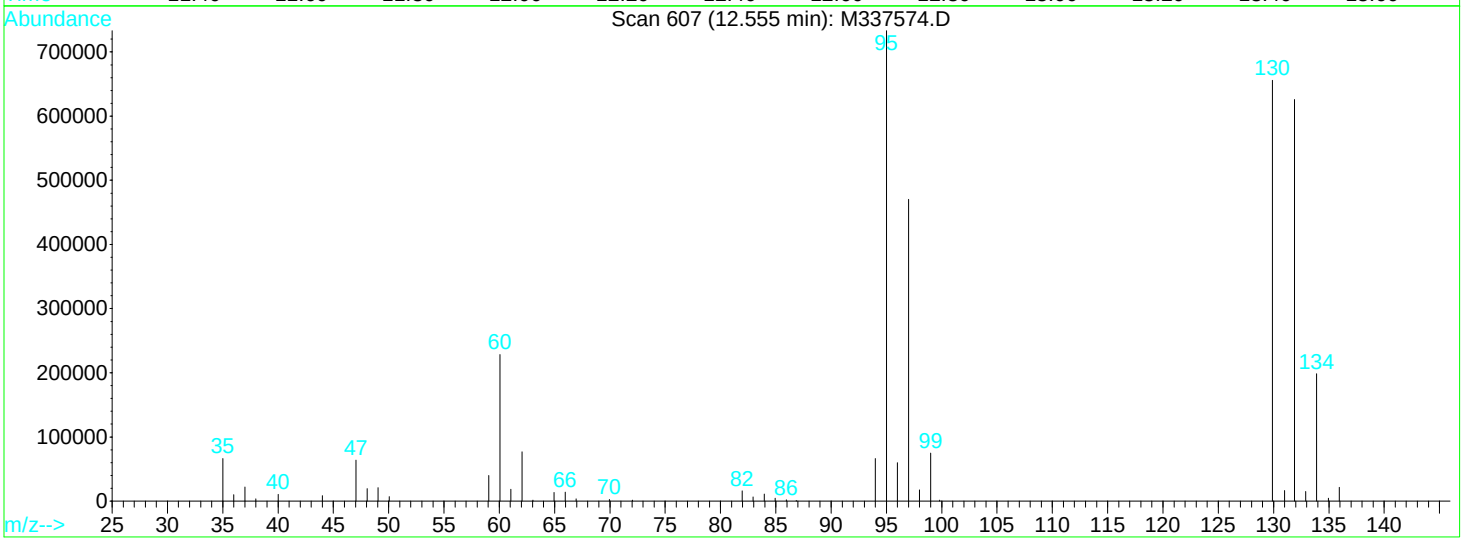
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	14.04
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337574.D Vial: 13
Acq On : 8 Dec 2009 2:39 pm Operator: MD
Sample : 0912038-04RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337574.D

(45) 1,2-Dichloropropane

12.55min 0.16ug/l

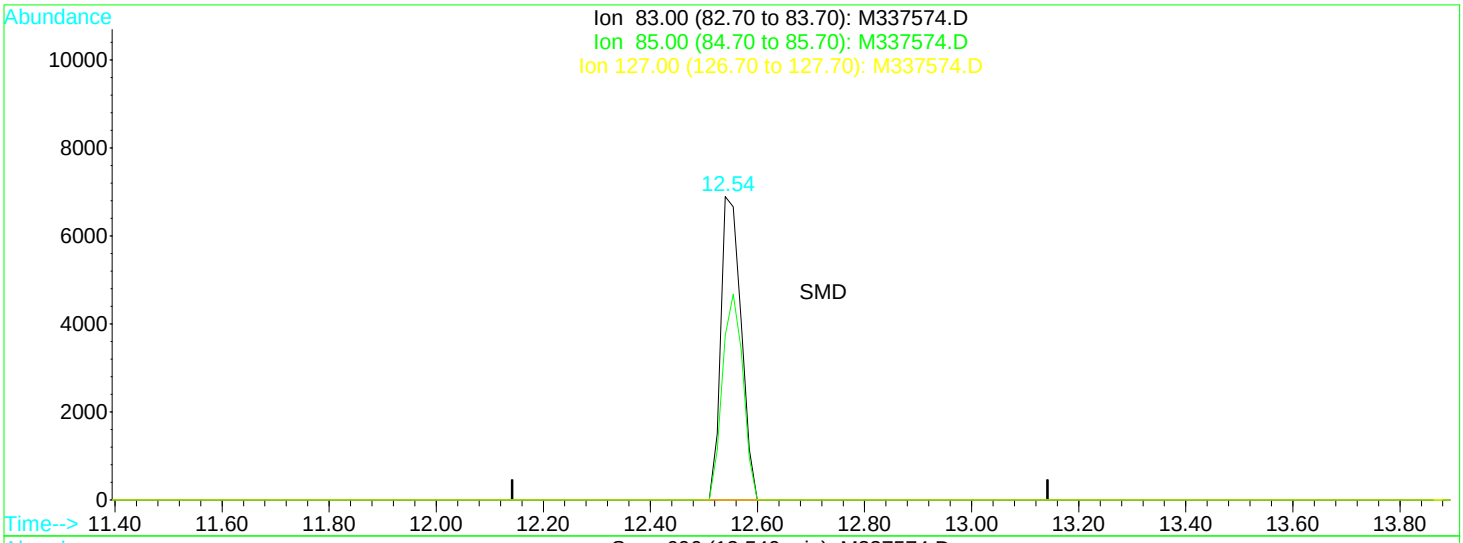
response 4199

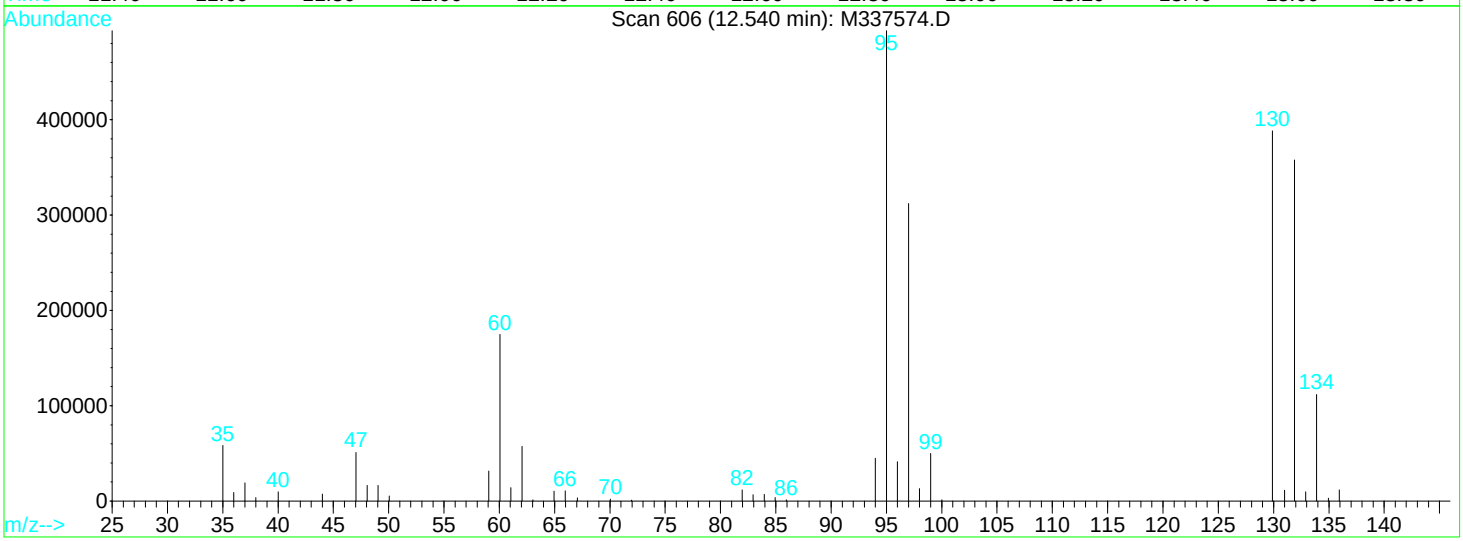
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1153.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337574.D Vial: 13
Acq On : 8 Dec 2009 2:39 pm Operator: MD
Sample : 0912038-04RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337574.D

(48) Bromodichloromethane

12.54min 0.58ug/l

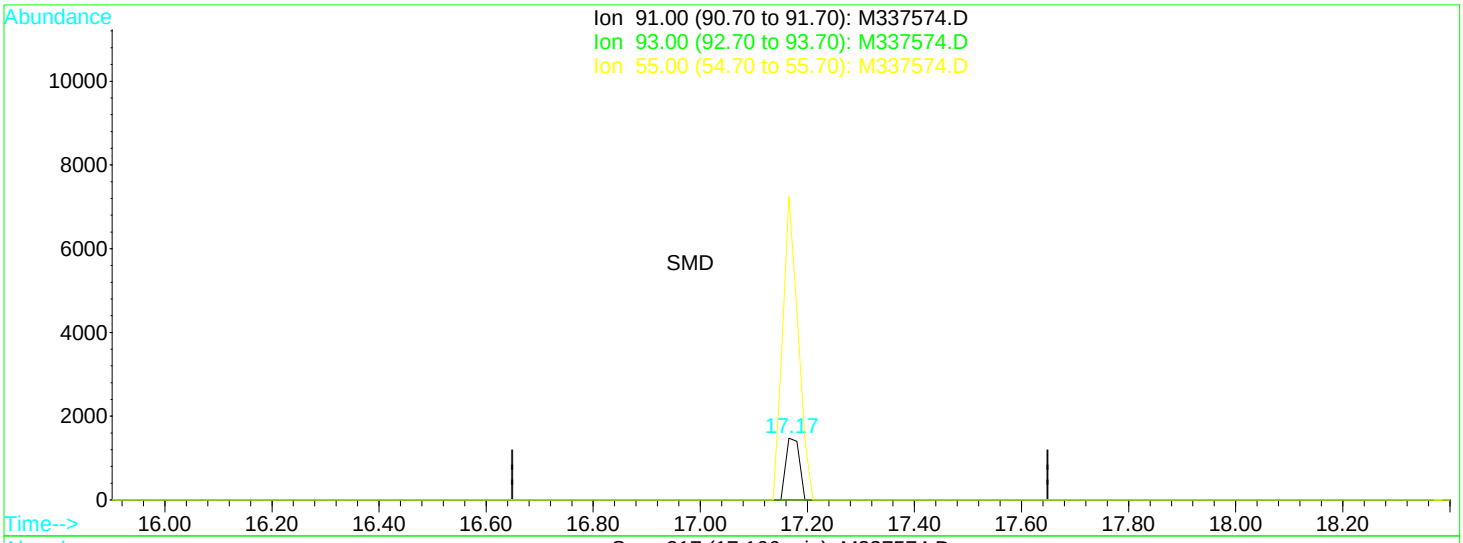
response 18092

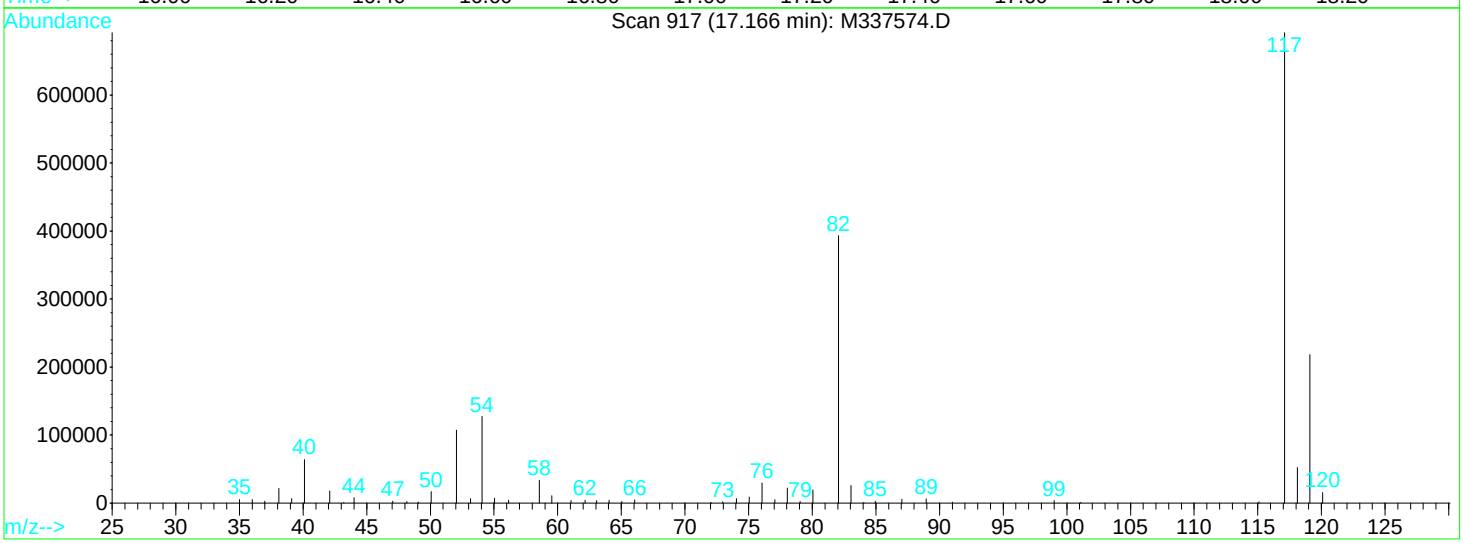
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	54.23
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337574.D Vial: 13
Acq On : 8 Dec 2009 2:39 pm Operator: MD
Sample : 0912038-04RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:19 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337574.D

(66) 1-Chlorohexane

17.17min 0.11ug/l

response 2570

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	490.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337574.D Vial: 13
Acq On : 8 Dec 2009 2:39 pm Operator: MD
Sample : 0912038-04RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:20 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

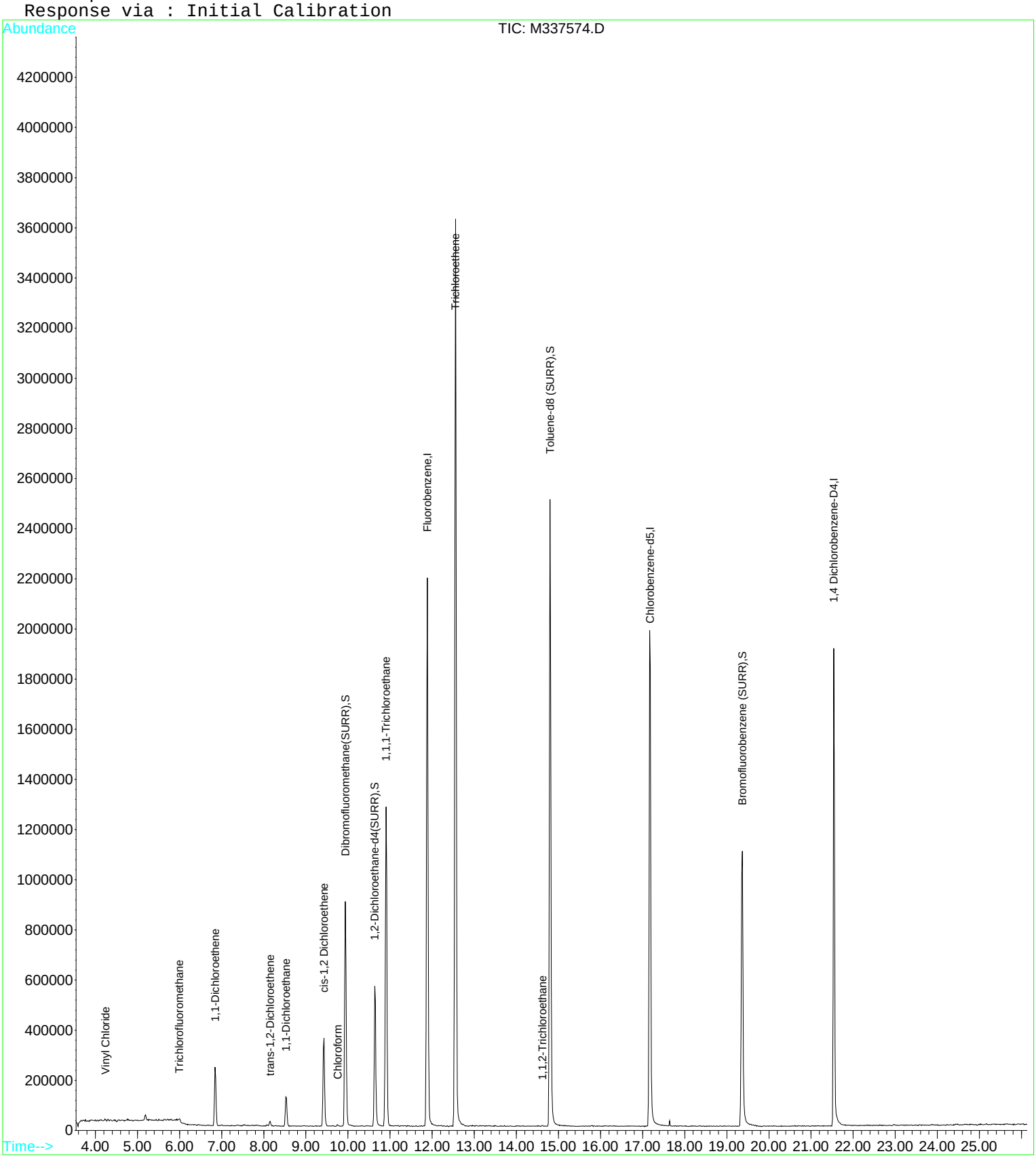
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2772580	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.18	117	1924076	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	678968	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	765426	22.35	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.40%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	443870	23.64	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.56%			
59) Toluene-d8 (SURR)	14.80	98	2365294	23.84	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.36%			
75) Bromofluorobenzene (SURR)	19.37	95	797061	23.41	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.64%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.24	62	4625	0.20	ug/l	66
7) Trichlorofluoromethane	6.00	101	14473	0.45	ug/l	88
16) 1,1-Dichloroethene	6.84	96	132479	5.11	ug/l	90
20) trans-1,2-Dichloroethene	8.15	96	10877	0.38	ug/l	96
21) 1,1-Dichloroethane	8.52	63	157567	3.60	ug/l	97
27) cis-1,2 Dichloroethene	9.43	96	227199	6.77	ug/l	97
33) Chloroform	9.76	83	7131	0.16	ug/l	81
36) 1,1,1-Trichloroethane	10.90	97	1052063	33.34	ug/l	98
44) Trichloroethene	12.55	95	1735400	60.06	ug/l	97
56) 1,1,2-Trichloroethane	14.62	83	2002	0.11	ug/l	95

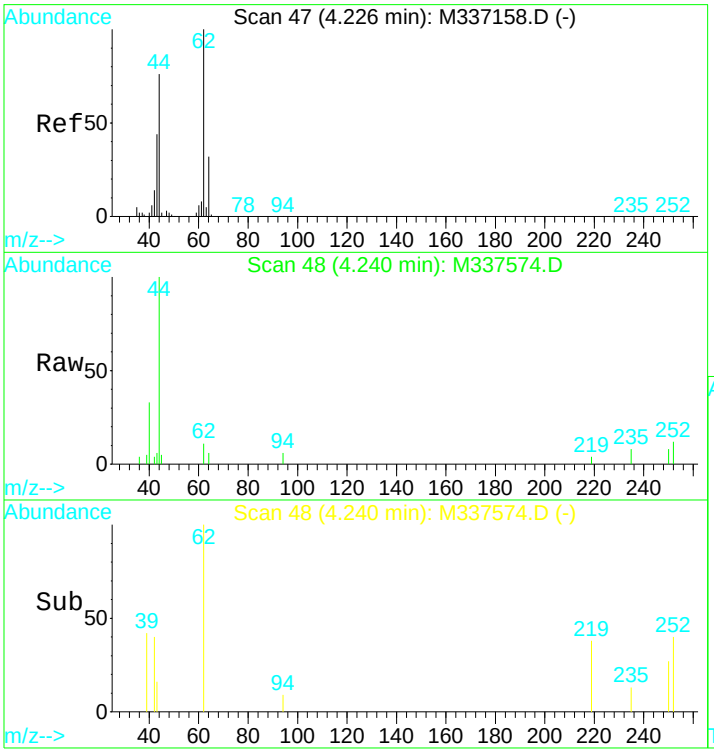
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337574.D Vial: 13
Acq On : 8 Dec 2009 2:39 pm Operator: MD
Sample : 0912038-04RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:20 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

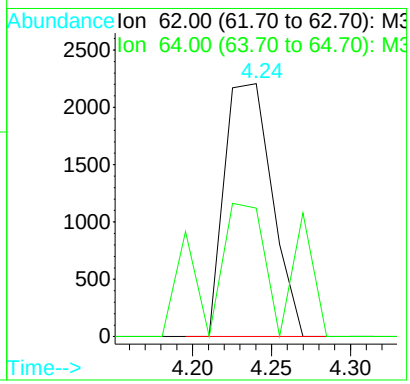


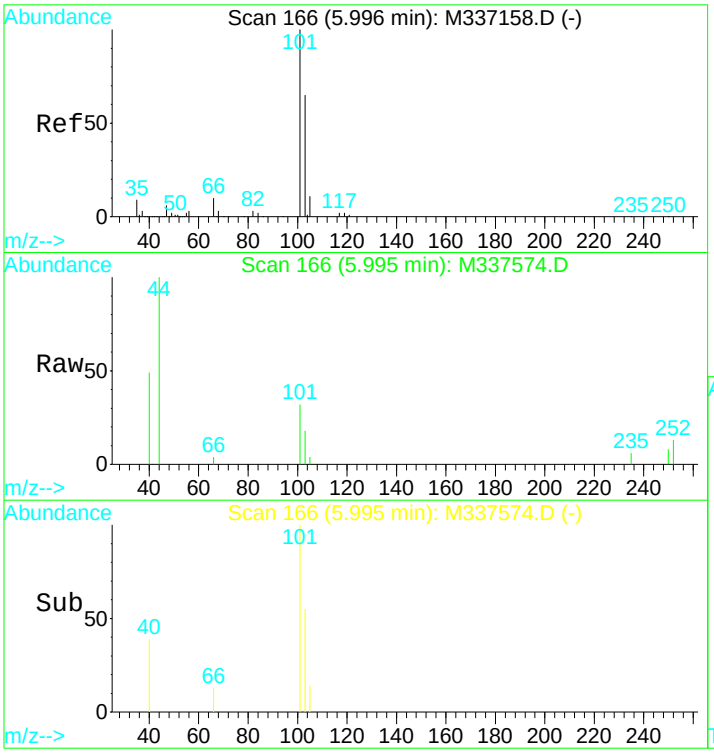


#4
Vinyl Chloride
Concen: 0.20 ug/l
RT: 4.24 min Scan# 48
Delta R.T. 0.00 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 62 Resp: 4625

Ion	Ratio	Lower	Upper
62	100		
64	50.8	1.8	61.8

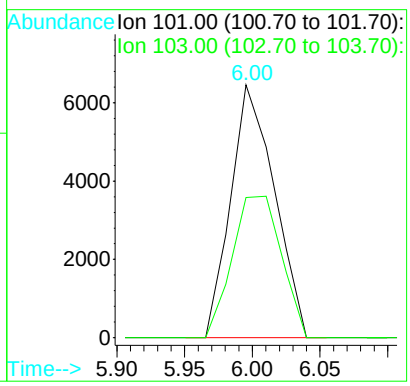


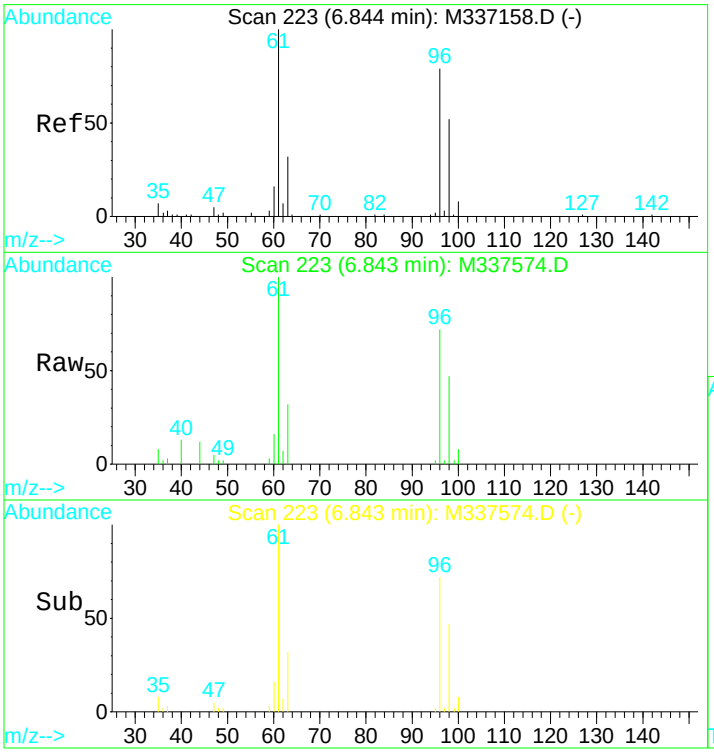


#7
Trichlorofluoromethane
Concen: 0.45 ug/l
RT: 6.00 min Scan# 166
Delta R.T. -0.01 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion:101 Resp: 14473

Ion	Ratio	Lower	Upper
101	100		
103	55.4	34.5	94.5

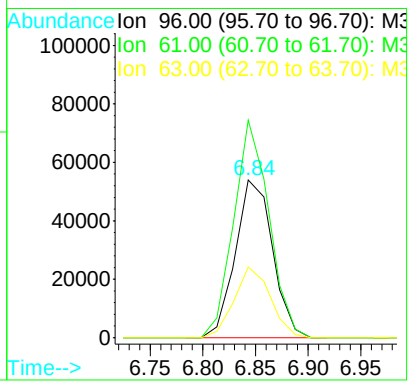


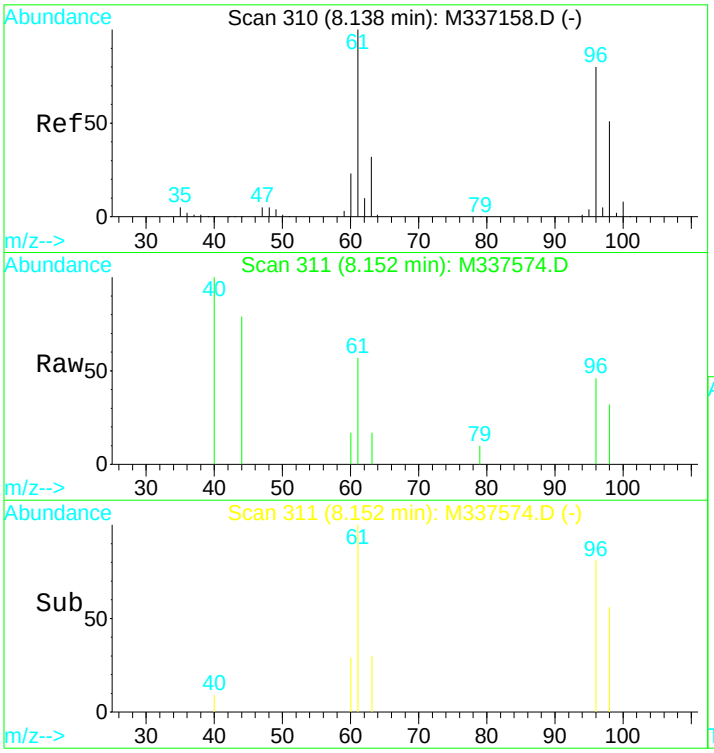


#16
1,1-Dichloroethene
Concen: 5.11 ug/l
RT: 6.84 min Scan# 223
Delta R.T. -0.01 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 96 Resp: 132479

Ion	Ratio	Lower	Upper
96	100		
61	138.0	96.1	156.1
63	44.7	10.0	70.0

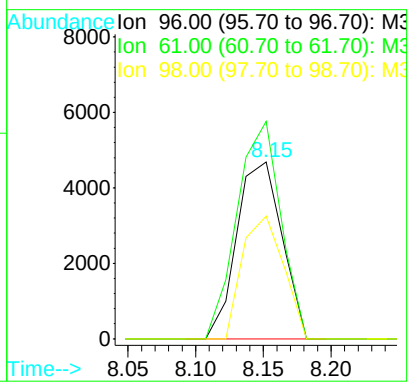


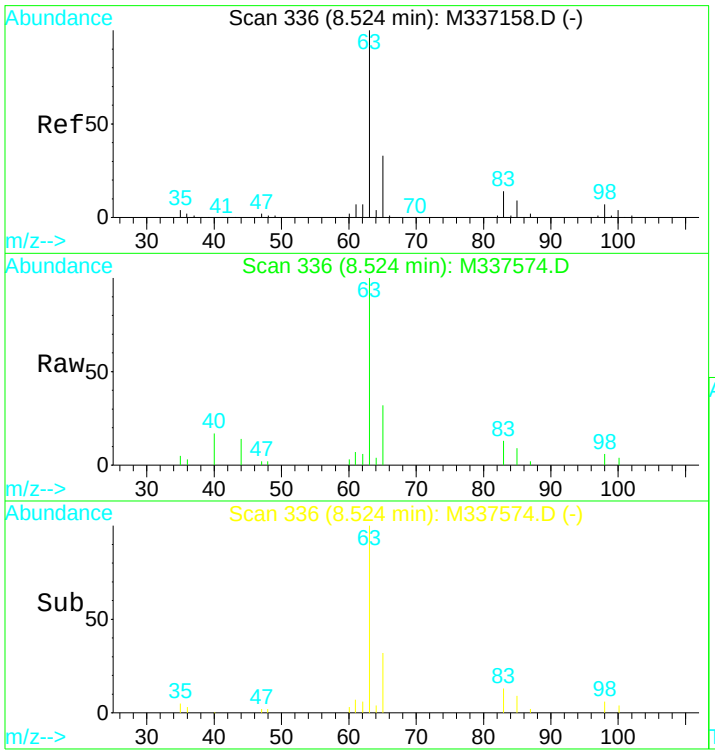


#20
trans-1,2-Dichloroethene
Concen: 0.38 ug/l
RT: 8.15 min Scan# 311
Delta R.T. -0.01 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 96 Resp: 10877

Ion	Ratio	Lower	Upper
96	100		
61	123.1	95.0	155.0
98	69.5	33.4	93.4

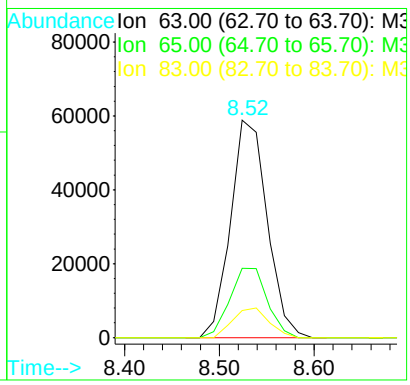


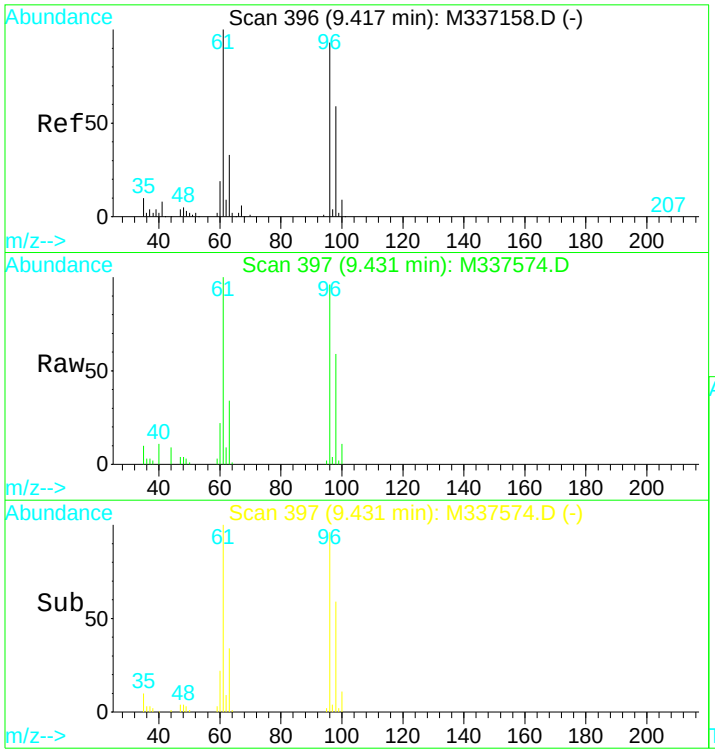


#21
1,1-Dichloroethane
Concen: 3.60 ug/l
RT: 8.52 min Scan# 336
Delta R.T. -0.01 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 63 Resp: 157567

Ion	Ratio	Lower	Upper
63	100		
65	31.9	2.9	62.9
83	12.5	0.0	44.2

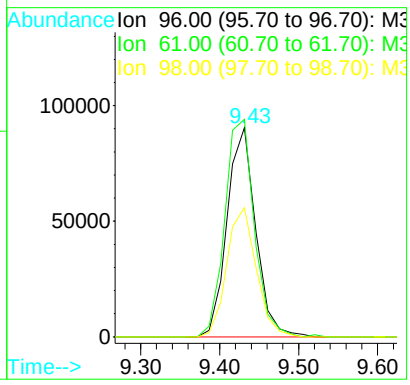


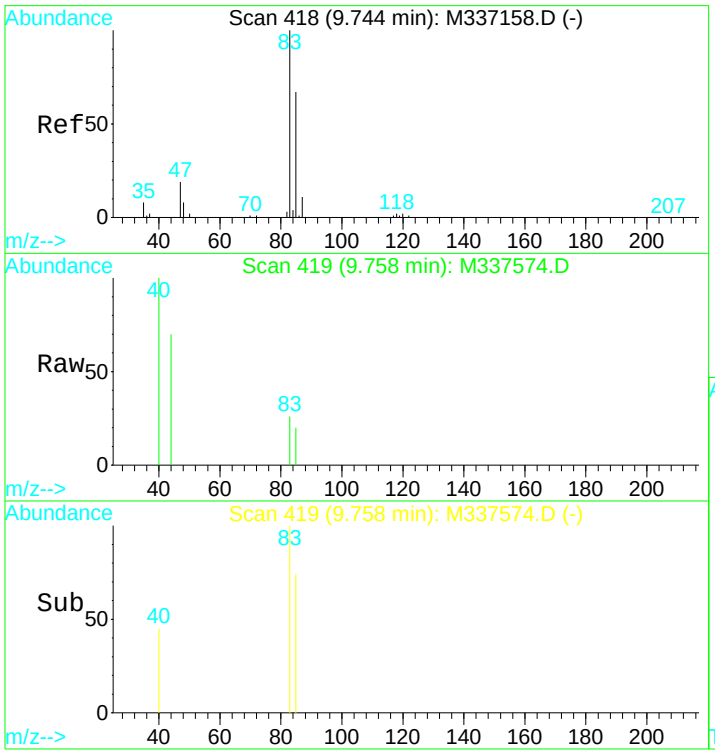


#27
cis-1,2 Dichloroethene
Concen: 6.77 ug/l
RT: 9.43 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 96 Resp: 227199

Ion	Ratio	Lower	Upper
96	100		
61	104.0	77.5	137.5
98	61.8	33.9	93.9

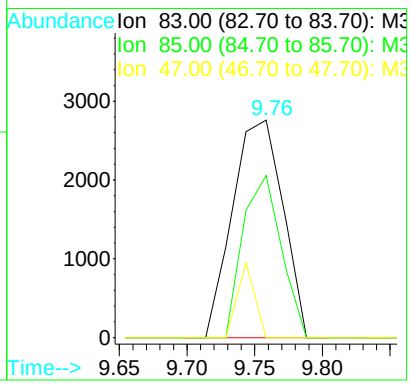


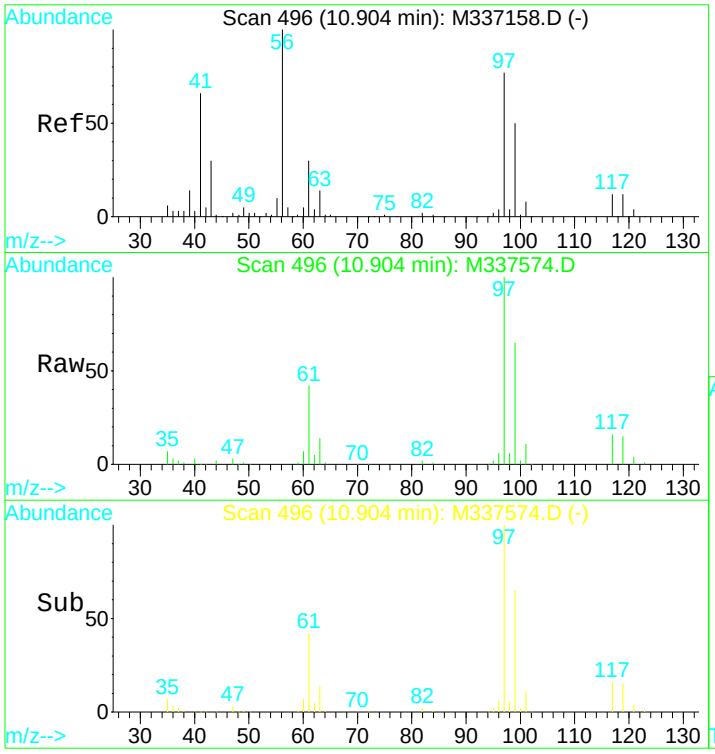


#33
Chloroform
Concen: 0.16 ug/l
RT: 9.76 min Scan# 419
Delta R.T. 0.00 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 83 Resp: 7131

Ion	Ratio	Lower	Upper
83	100		
85	74.5	37.1	97.1
47	0.0	0.0	53.5

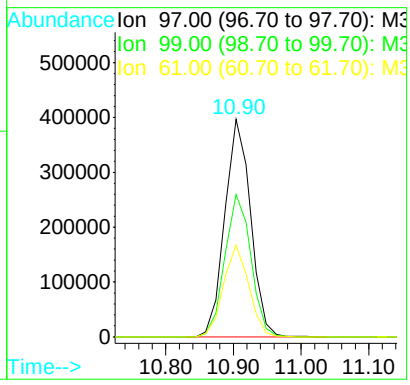


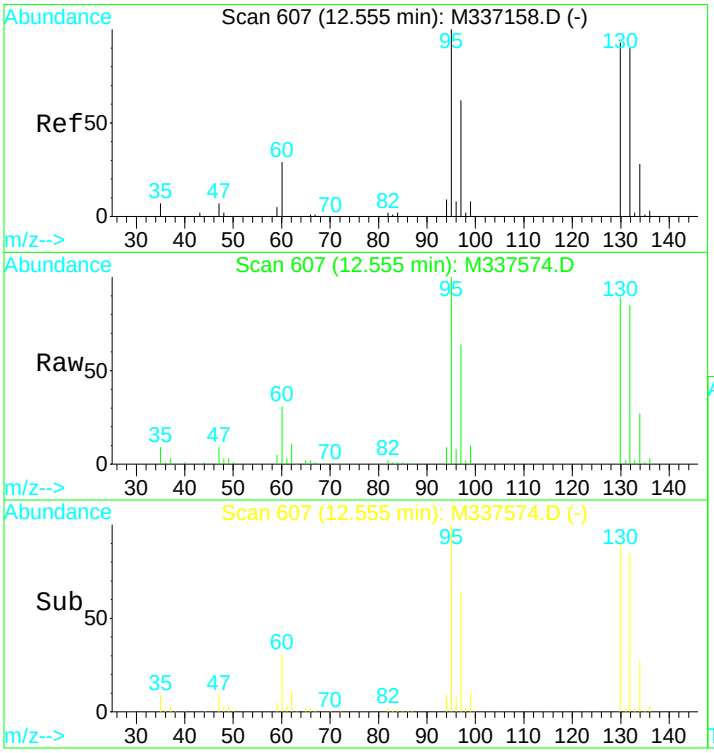


#36
1,1,1-Trichloroethane
Concen: 33.34 ug/l
RT: 10.90 min Scan# 496
Delta R.T. -0.01 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 97 Resp: 1052063

Ion	Ratio	Lower	Upper
97	100		
99	65.4	34.9	94.9
61	42.2	9.8	69.8

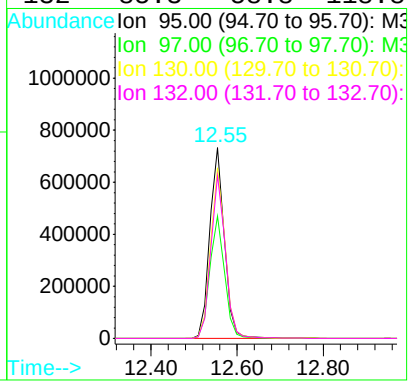


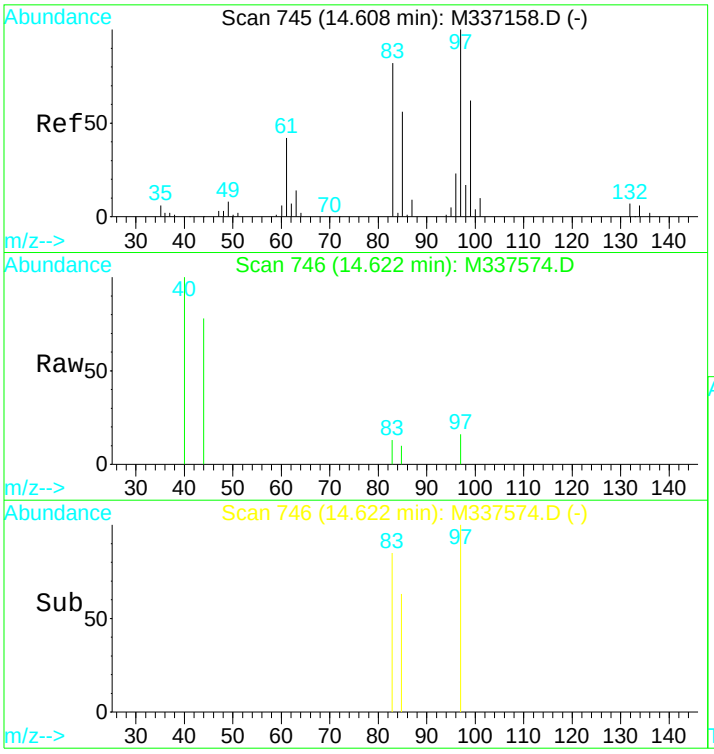


#44
Trichloroethene
Concen: 60.06 ug/l
RT: 12.55 min Scan# 607
Delta R.T. -0.01 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 95 Resp: 1735400

Ion	Ratio	Lower	Upper
95	100		
97	64.1	35.0	95.0
130	89.5	62.7	122.7
132	85.3	58.8	118.8

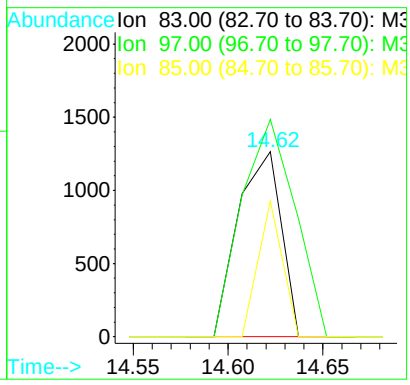




#56
1,1,2-Trichloroethane
Concen: 0.11 ug/l
RT: 14.62 min Scan# 746
Delta R.T. 0.00 min
Lab File: M337574.D
Acq: 8 Dec 2009 2:39 pm

Tgt Ion: 83 Resp: 2002

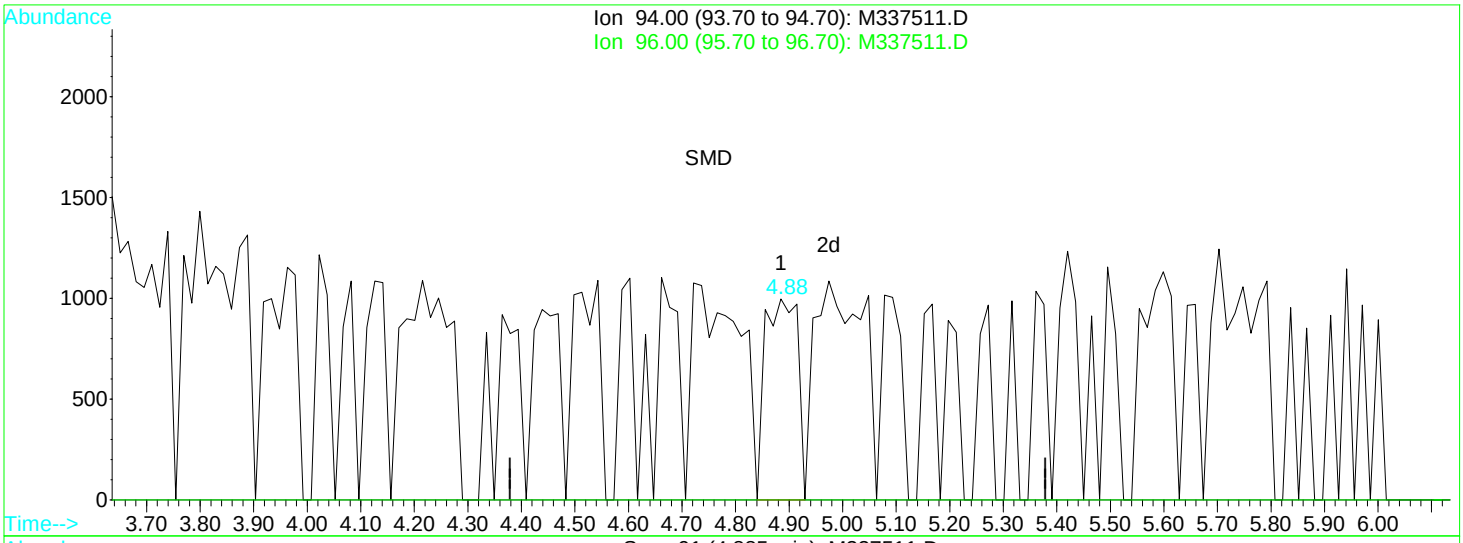
Ion	Ratio	Lower	Upper
83	100		
97	117.5	91.3	151.3
85	73.4	37.4	97.4

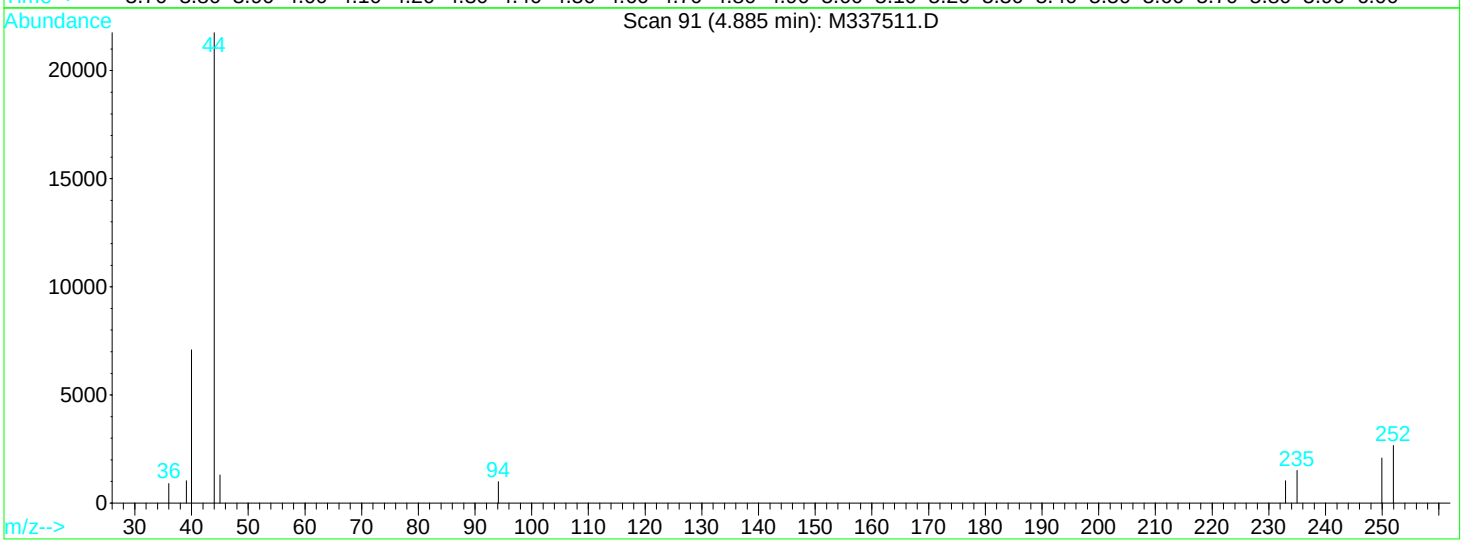


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337511.D Vial: 12
Acq On : 4 Dec 2009 2:02 pm Operator: MD
Sample : 0912038-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:32 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337511.D

(5) Bromomethane

4.88min 0.25ug/l

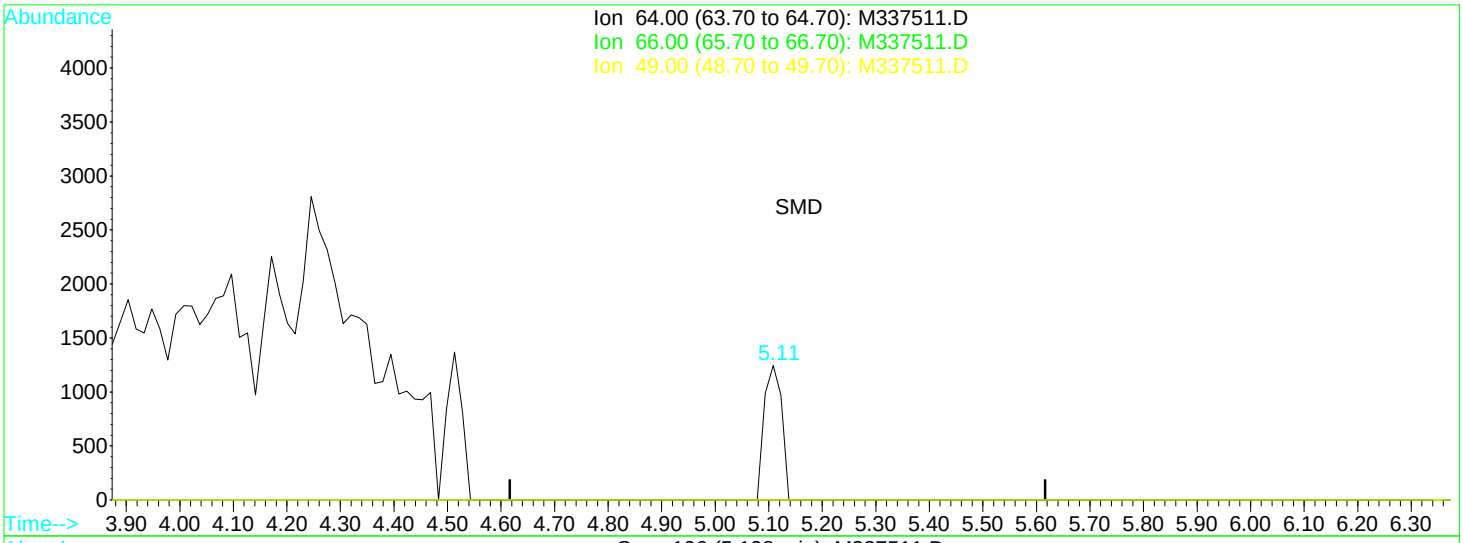
response 4196

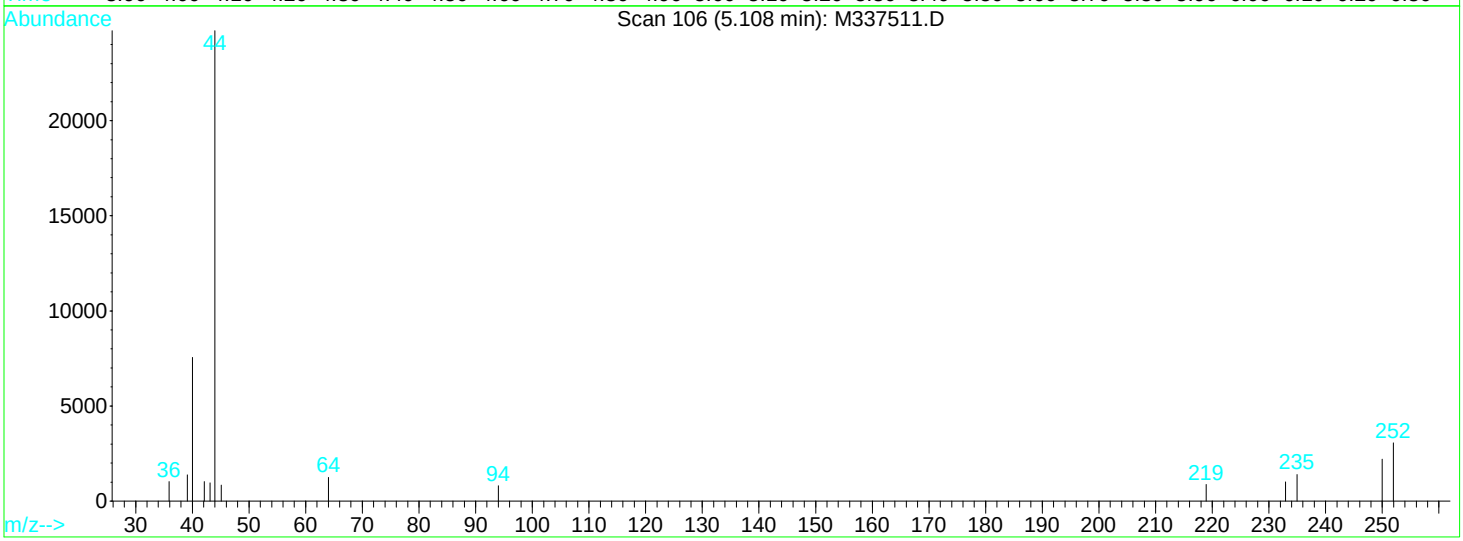
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337511.D Vial: 12
Acq On : 4 Dec 2009 2:02 pm Operator: MD
Sample : 0912038-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:02 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337511.D

(6) Chloroethane

5.11min 0.21ug/l

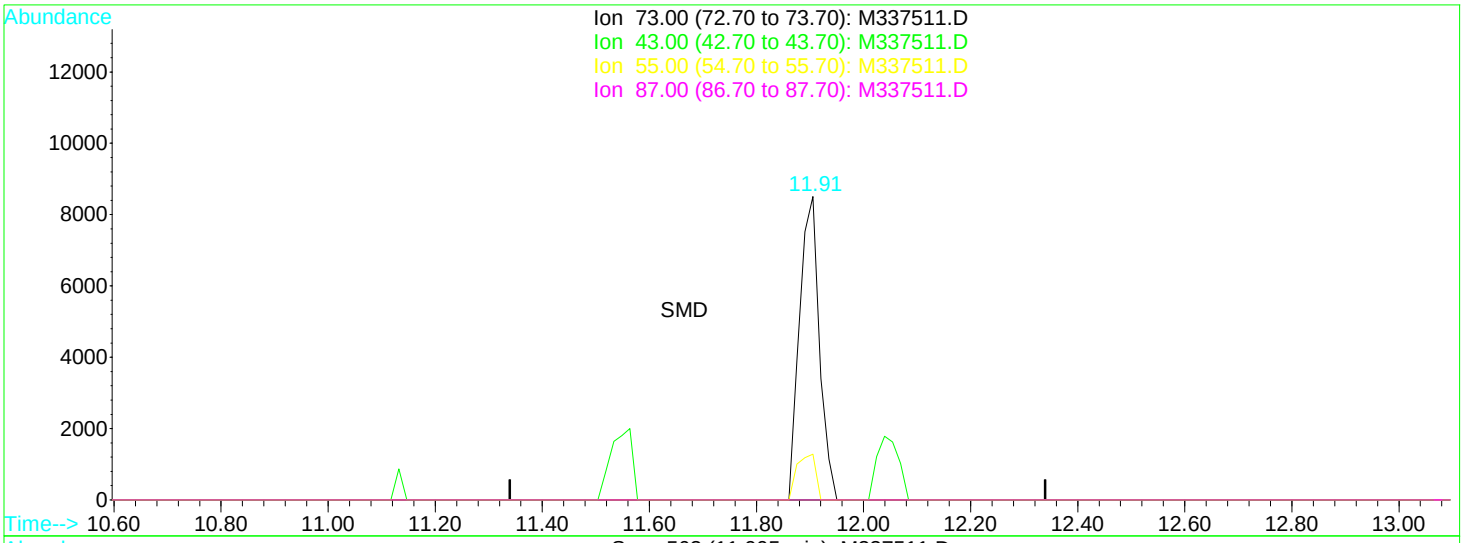
response 2855

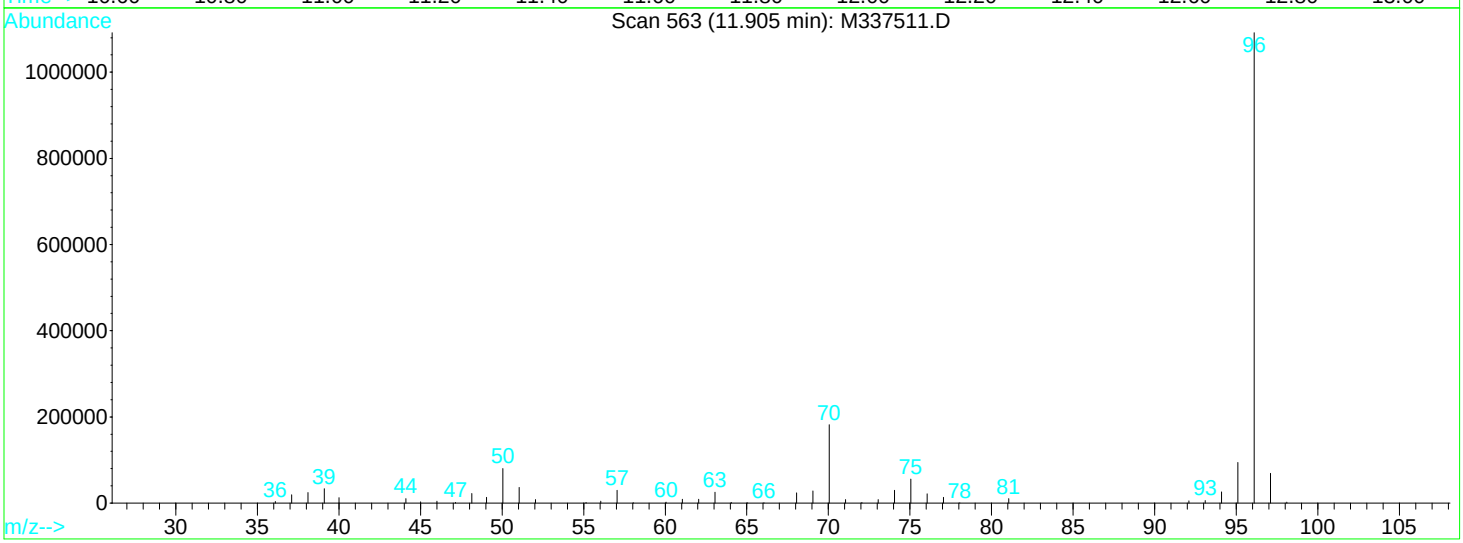
Ion	Exp%	Act%
64.00	100	100
66.00	32.10	0.00#
49.00	28.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337511.D Vial: 12
Acq On : 4 Dec 2009 2:02 pm Operator: MD
Sample : 0912038-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:02 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337511.D

(43) Tertiary-amyl methyl ether

11.91min 0.50ug/l

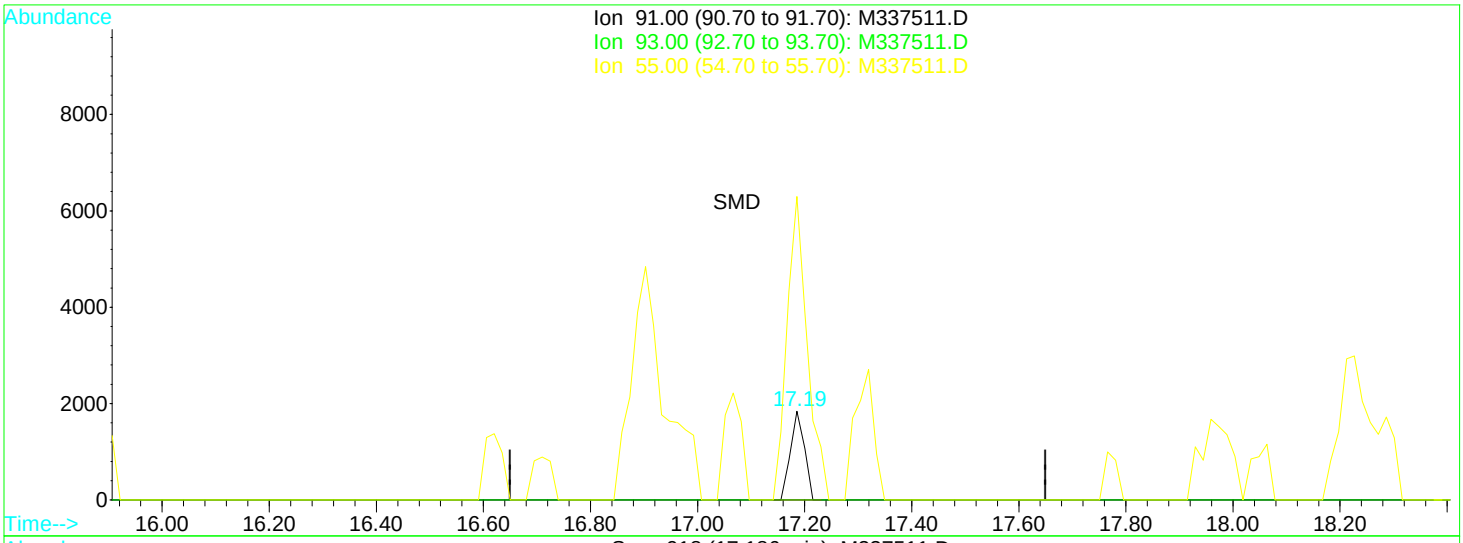
response 21857

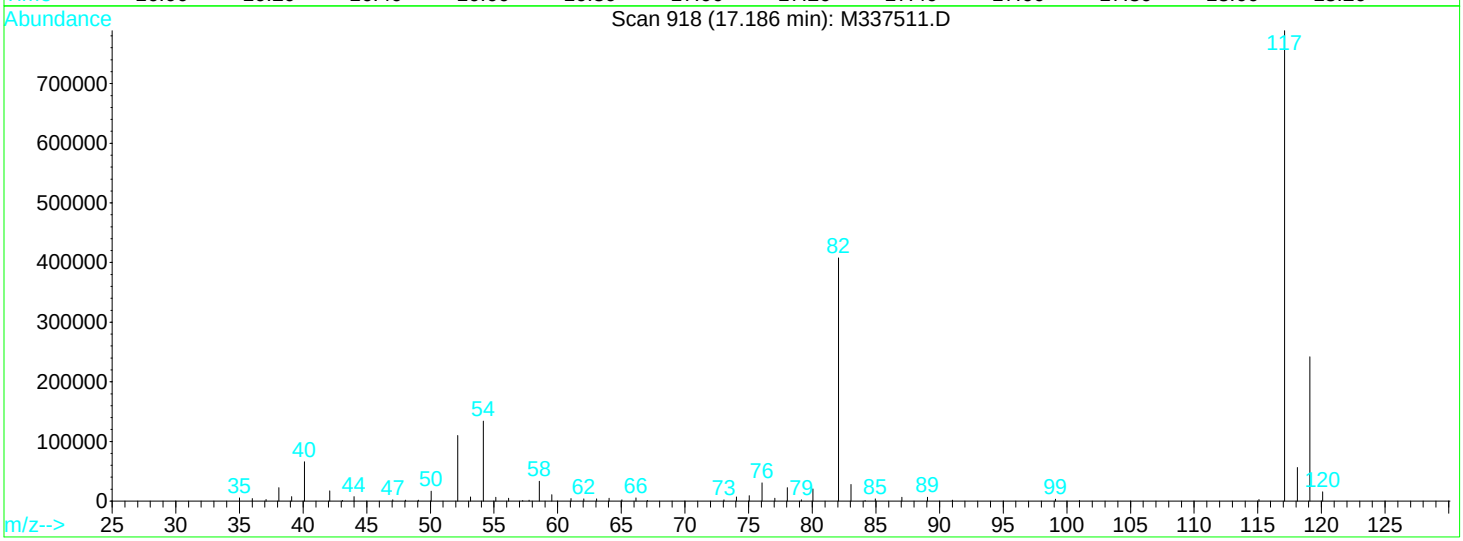
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	15.10
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337511.D Vial: 12
Acq On : 4 Dec 2009 2:02 pm Operator: MD
Sample : 0912038-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:02 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337511.D

(66) 1-Chlorohexane

17.19min 0.13ug/l

response 3324

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	342.15#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337511.D Vial: 12
Acq On : 4 Dec 2009 2:02 pm Operator: MD
Sample : 0912038-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:02 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

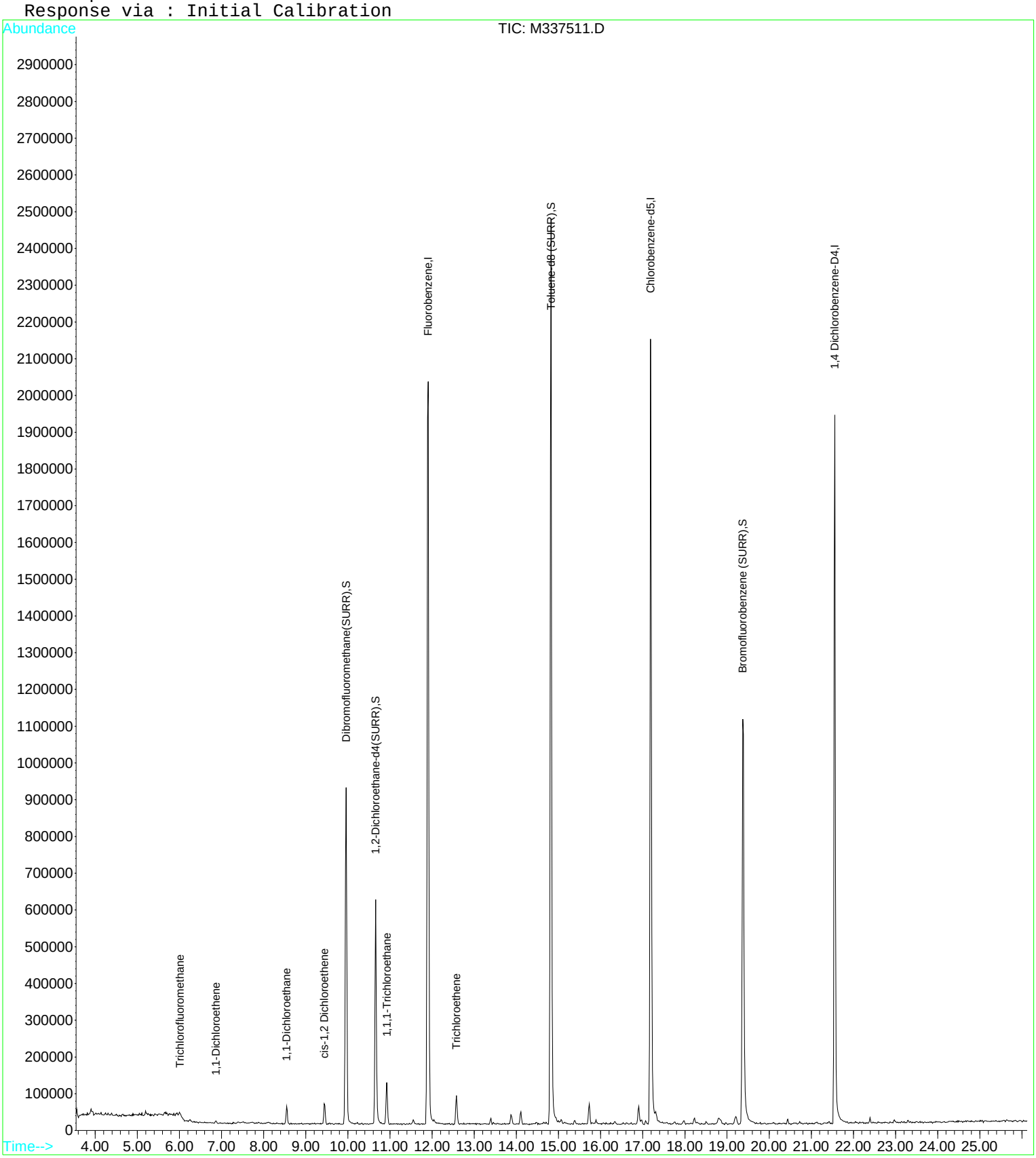
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.91	96	2807156	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1952076	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	721794	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.96	111	776030	22.38	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.52%			
41) 1,2-Dichloroethane-d4(SURR	10.66	65	461229	24.26	ug/l	0.00
Spiked Amount 25.000			Recovery = 97.04%			
59) Toluene-d8 (SURR)	14.82	98	2393934	23.79	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.16%			
75) Bromofluorobenzene (SURR)	19.37	95	819738	23.73	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.92%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	6.02	101	4375	0.14	ug/l	91
16) 1,1-Dichloroethene	6.86	96	3516	0.13	ug/l	88
21) 1,1-Dichloroethane	8.54	63	57215	1.29	ug/l	98
27) cis-1,2 Dichloroethene	9.44	96	36090	1.06	ug/l	98
36) 1,1,1-Trichloroethane	10.92	97	93807	2.94	ug/l	98
44) Trichloroethene	12.57	95	38682	1.32	ug/l	95

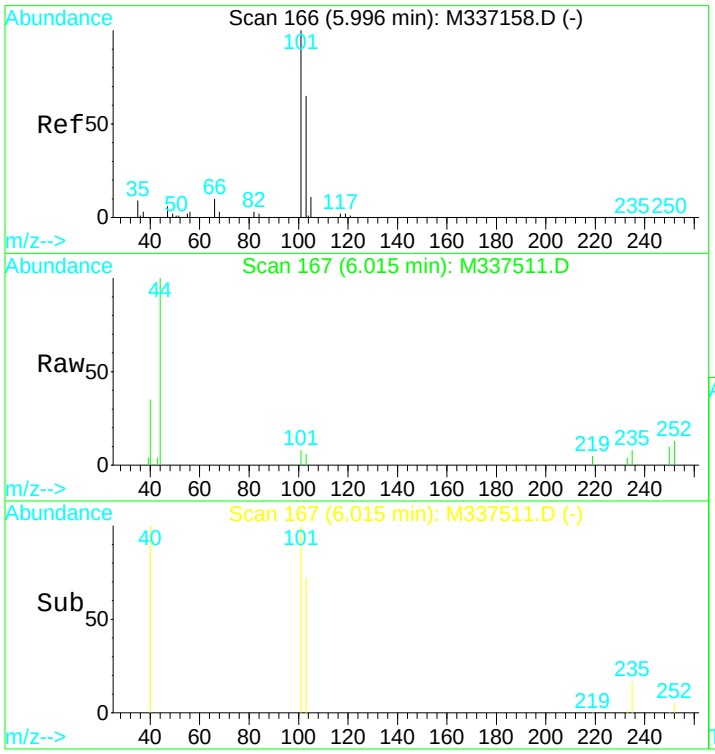
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337511.D Vial: 12
Acq On : 4 Dec 2009 2:02 pm Operator: MD
Sample : 0912038-05 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:02 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

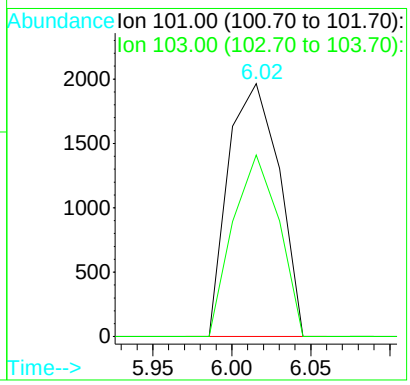


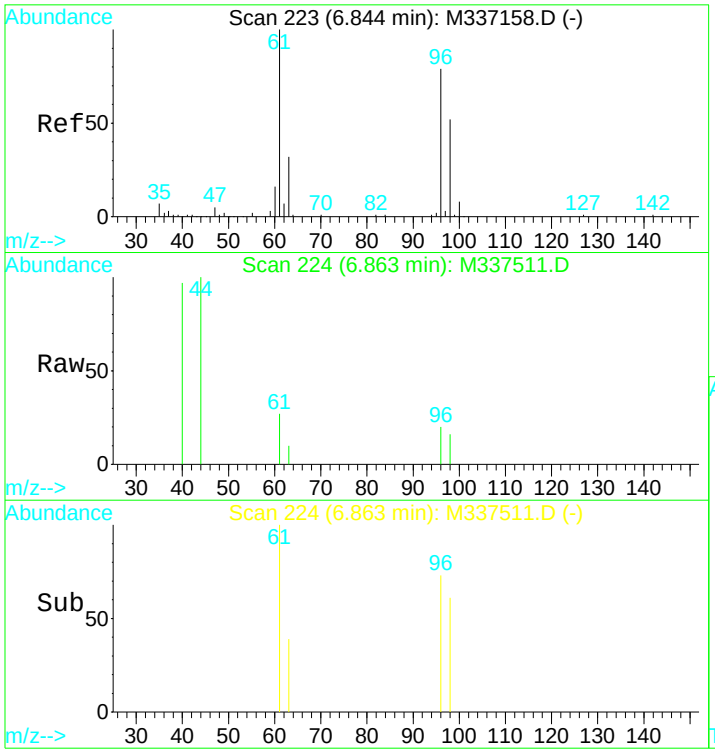


#7
Trichlorofluoromethane
Concen: 0.14 ug/l
RT: 6.02 min Scan# 167
Delta R.T. 0.01 min
Lab File: M337511.D
Acq: 4 Dec 2009 2:02 pm

Tgt Ion:101 Resp: 4375

Ion	Ratio	Lower	Upper
101	100		
103	71.8	34.5	94.5

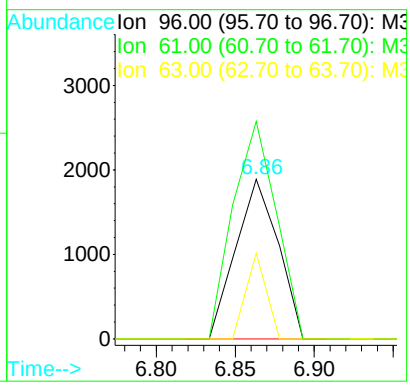


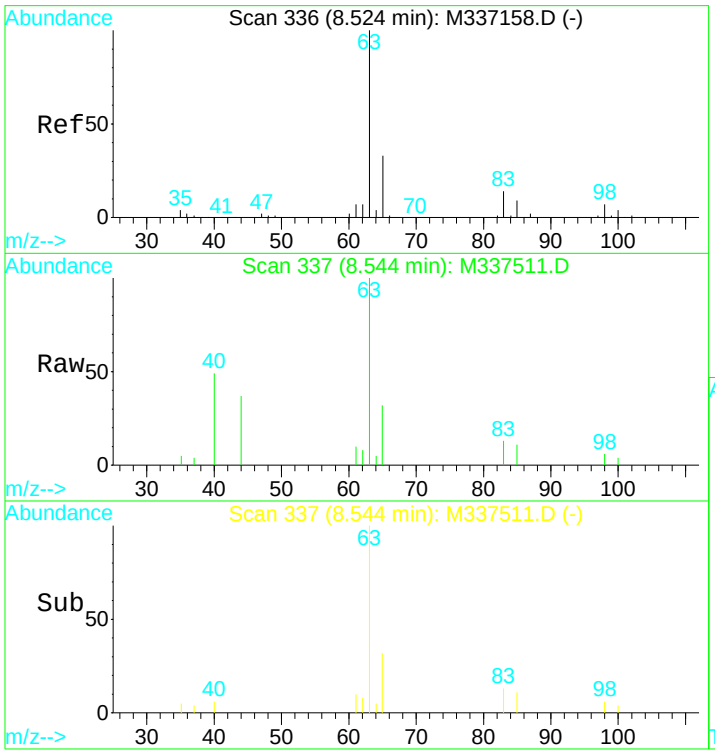


#16
1,1-Dichloroethene
Concen: 0.13 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.01 min
Lab File: M337511.D
Acq: 4 Dec 2009 2:02 pm

Tgt Ion: 96 Resp: 3516

Ion	Ratio	Lower	Upper
96	100		
61	136.2	96.1	156.1
63	53.6	10.0	70.0

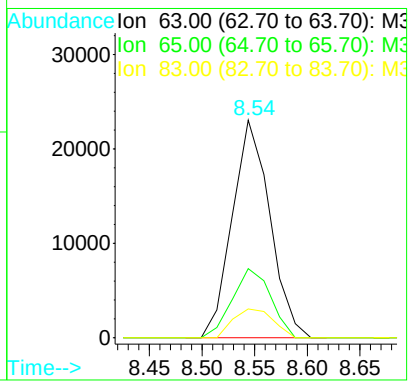


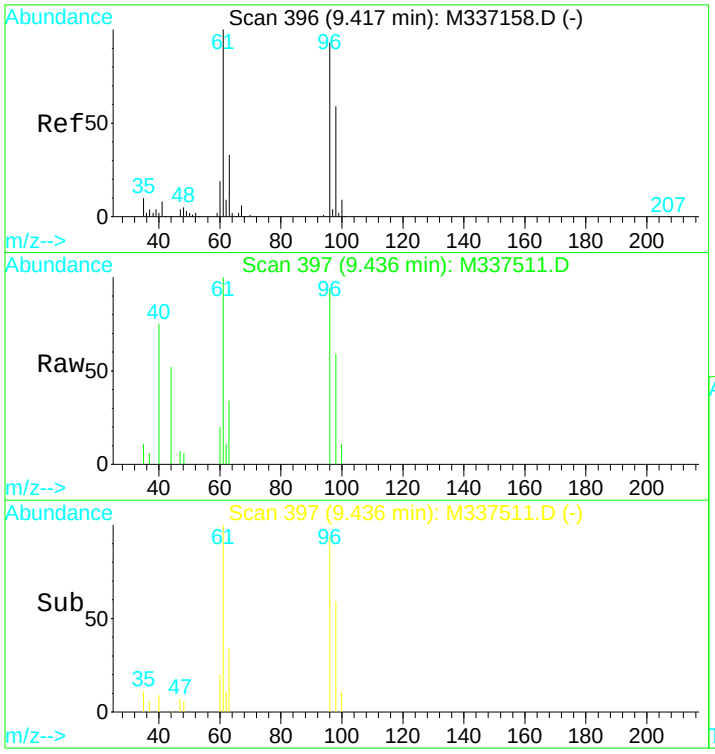


#21
1,1-Dichloroethane
Concen: 1.29 ug/l
RT: 8.54 min Scan# 337
Delta R.T. 0.01 min
Lab File: M337511.D
Acq: 4 Dec 2009 2:02 pm

Tgt Ion: 63 Resp: 57215

Ion	Ratio	Lower	Upper
63	100		
65	31.7	2.9	62.9
83	13.2	0.0	44.2

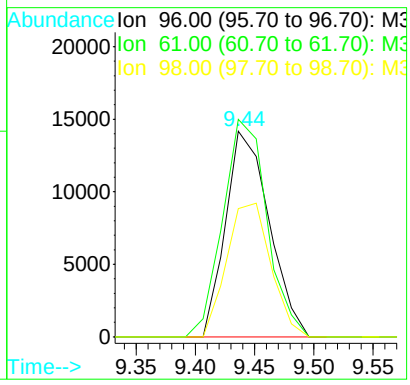


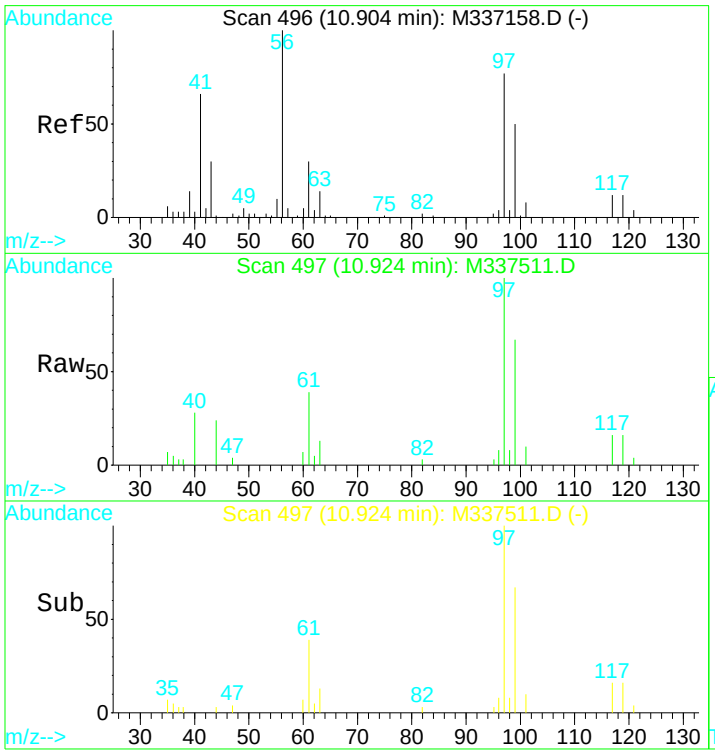


#27
cis-1,2 Dichloroethene
Concen: 1.06 ug/l
RT: 9.44 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337511.D
Acq: 4 Dec 2009 2:02 pm

Tgt Ion: 96 Resp: 36090

Ion	Ratio	Lower	Upper
96	100		
61	105.8	77.5	137.5
98	62.5	33.9	93.9

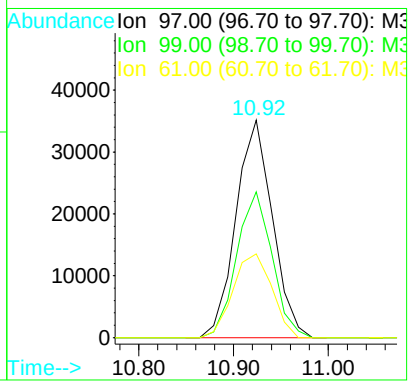


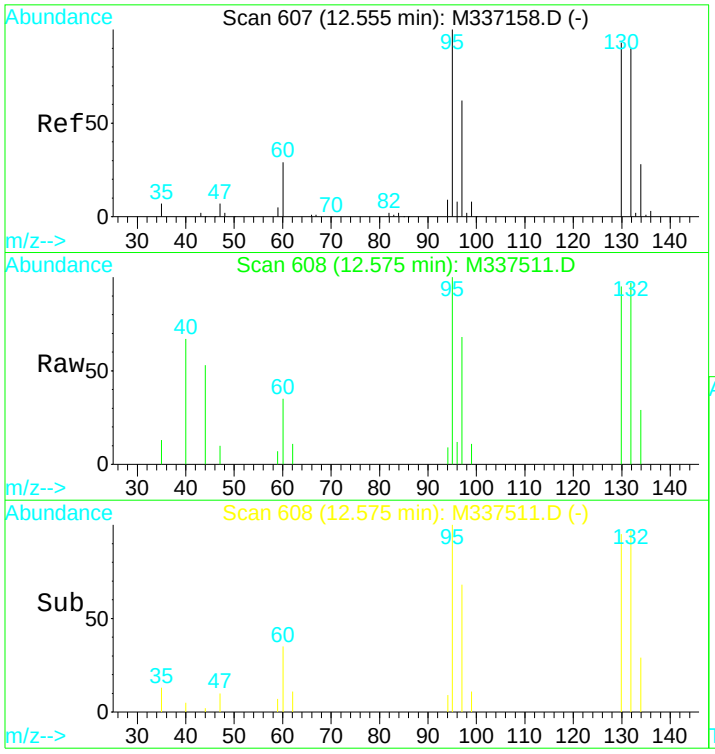


#36
1,1,1-Trichloroethane
Concen: 2.94 ug/l
RT: 10.92 min Scan# 497
Delta R.T. 0.01 min
Lab File: M337511.D
Acq: 4 Dec 2009 2:02 pm

Tgt Ion: 97 Resp: 93807

Ion	Ratio	Lower	Upper
97	100		
99	67.0	34.9	94.9
61	38.5	9.8	69.8

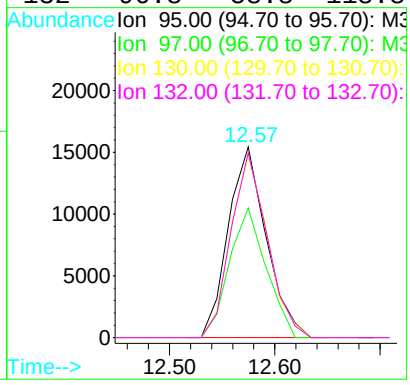




#44
Trichloroethene
Concen: 1.32 ug/l
RT: 12.57 min Scan# 608
Delta R.T. 0.01 min
Lab File: M337511.D
Acq: 4 Dec 2009 2:02 pm

Tgt Ion: 95 Resp: 38682

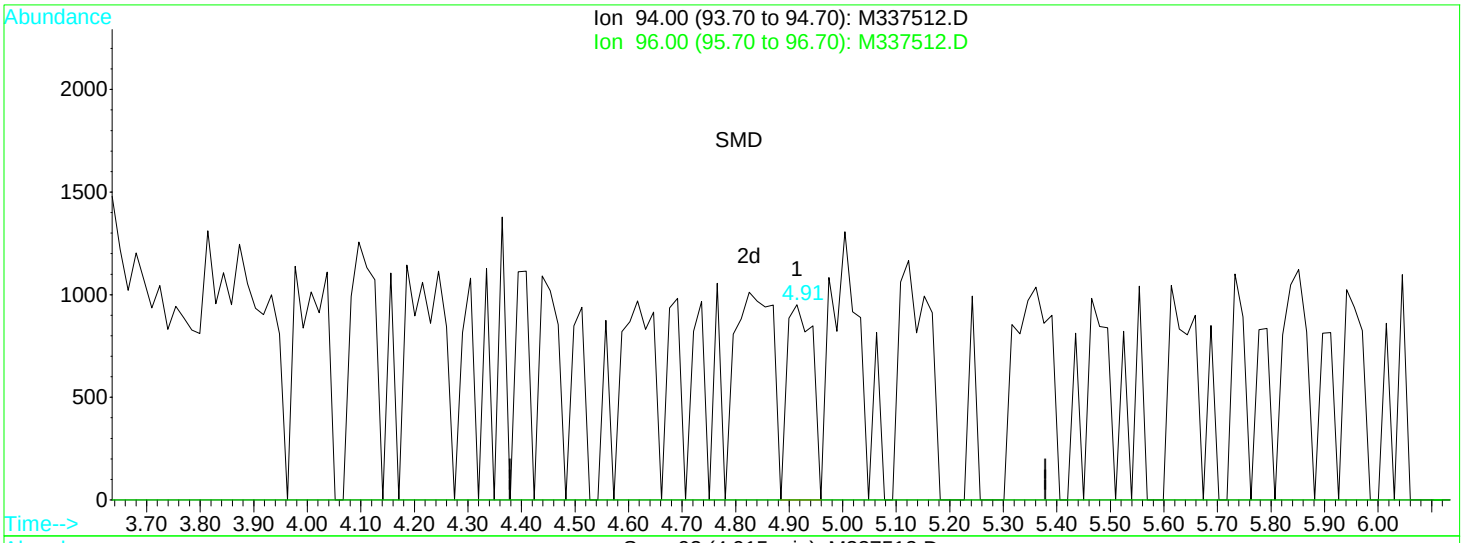
Ion	Ratio	Lower	Upper
95	100		
97	68.0	35.0	95.0
130	95.3	62.7	122.7
132	96.8	58.8	118.8

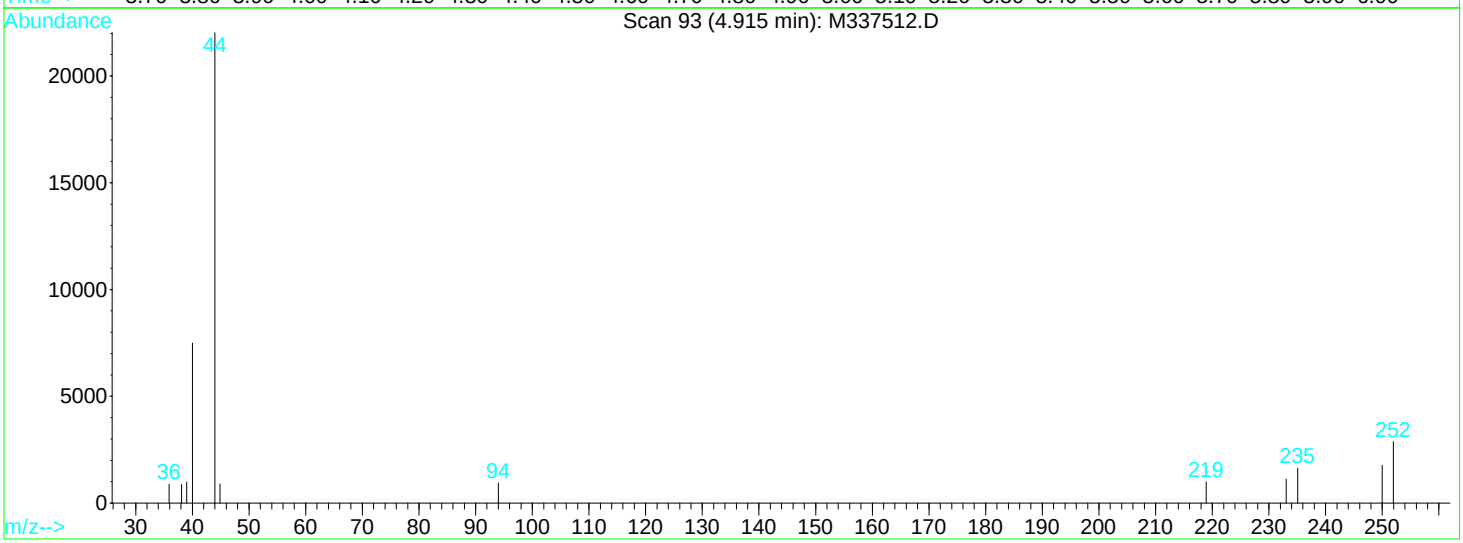


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337512.D Vial: 13
Acq On : 4 Dec 2009 2:34 pm Operator: MD
Sample : 0912038-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 15:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337512.D

(5) Bromomethane

4.91min 0.19ug/l

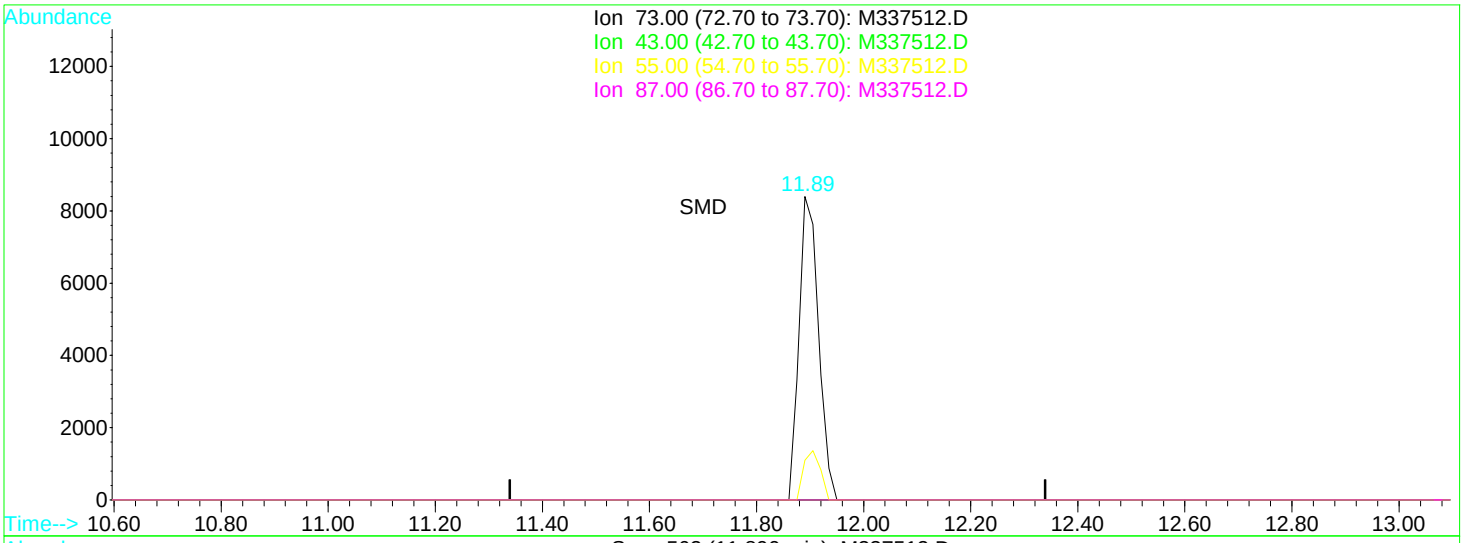
response 3127

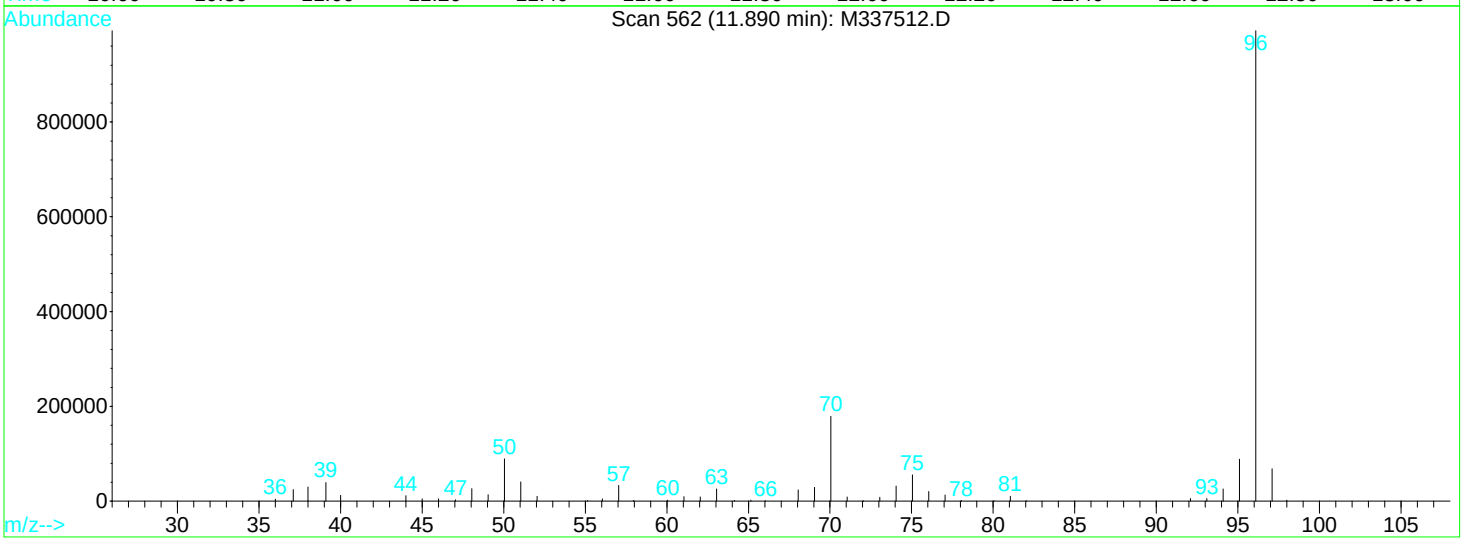
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337512.D Vial: 13
Acq On : 4 Dec 2009 2:34 pm Operator: MD
Sample : 0912038-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337512.D

(43) Tertiary-amyl methyl ether

11.89min 0.49ug/l

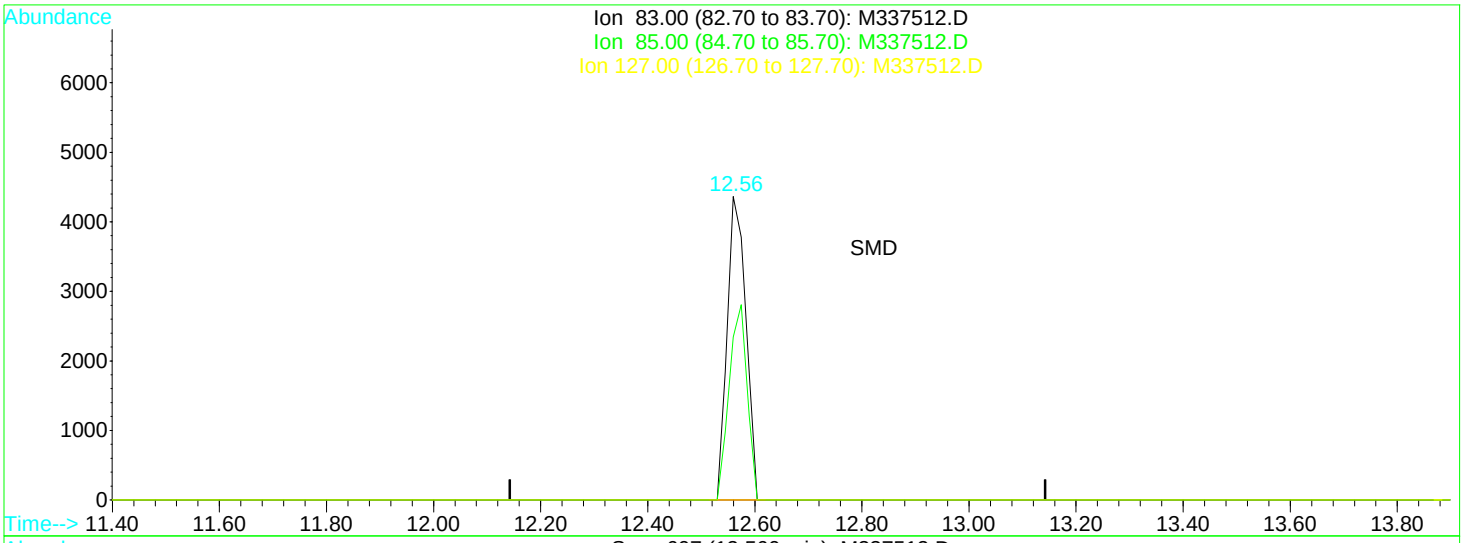
response 21126

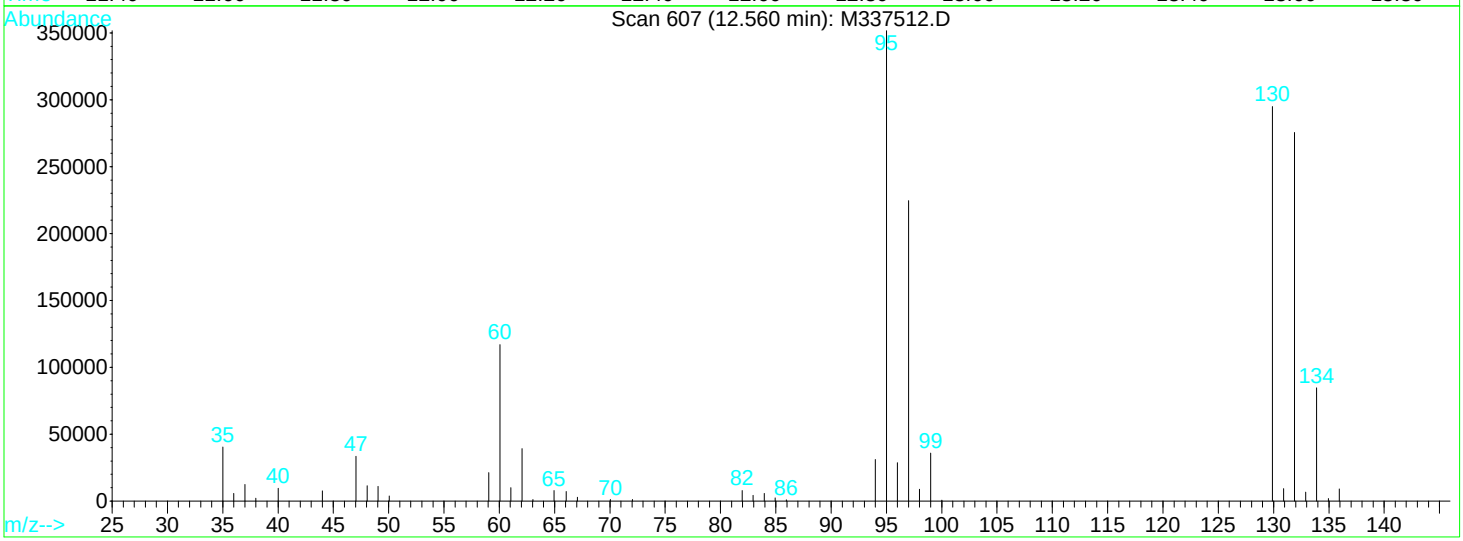
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	13.06
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337512.D Vial: 13
Acq On : 4 Dec 2009 2:34 pm Operator: MD
Sample : 0912038-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337512.D

(48) Bromodichloromethane

12.56min 0.34ug/l

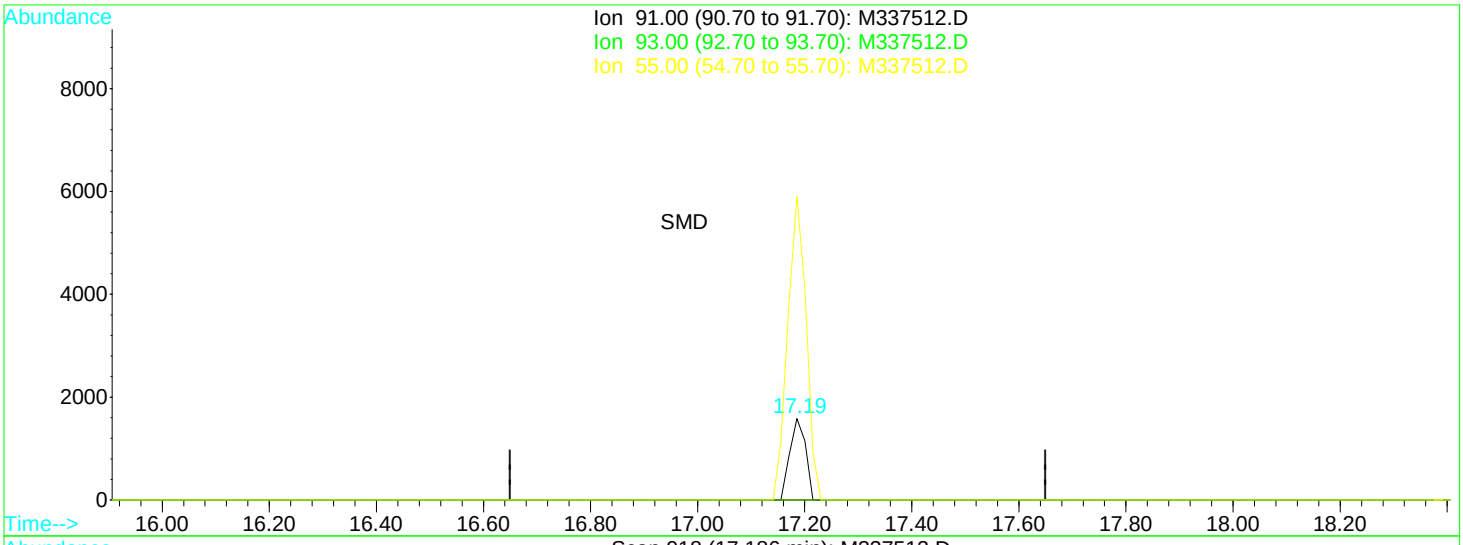
response 10542

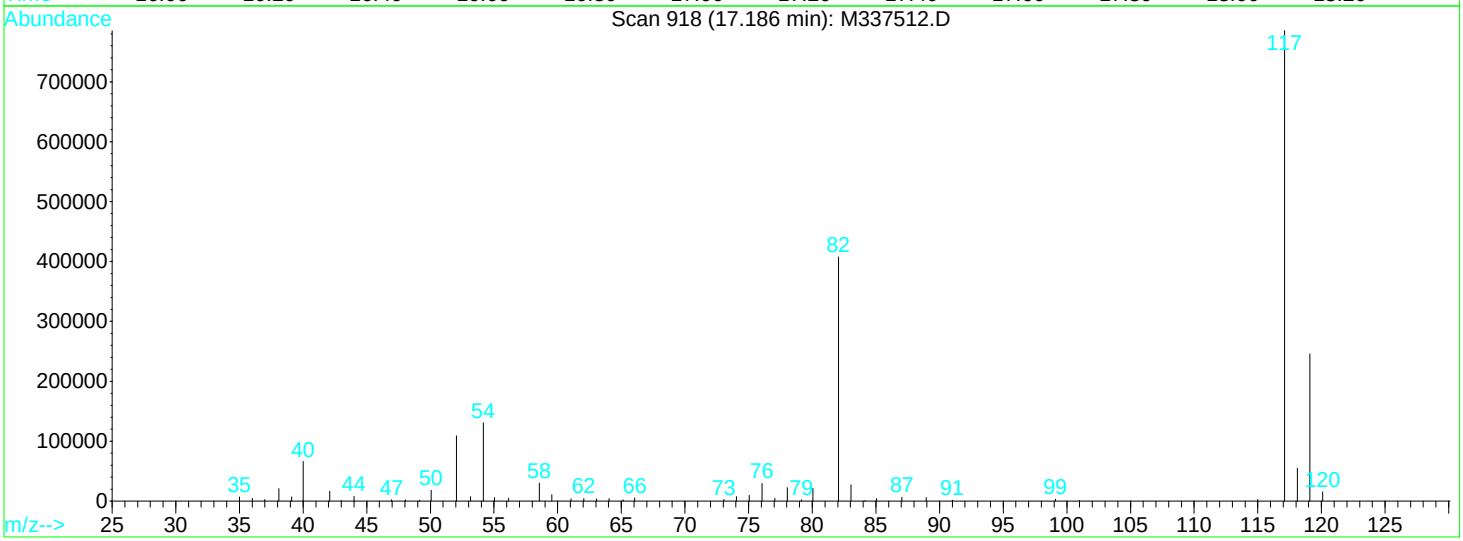
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	53.68
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337512.D Vial: 13
Acq On : 4 Dec 2009 2:34 pm Operator: MD
Sample : 0912038-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337512.D

(66) 1-Chlorohexane

17.19min 0.13ug/l

response 3195

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	373.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337512.D Vial: 13
Acq On : 4 Dec 2009 2:34 pm Operator: MD
Sample : 0912038-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:04 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

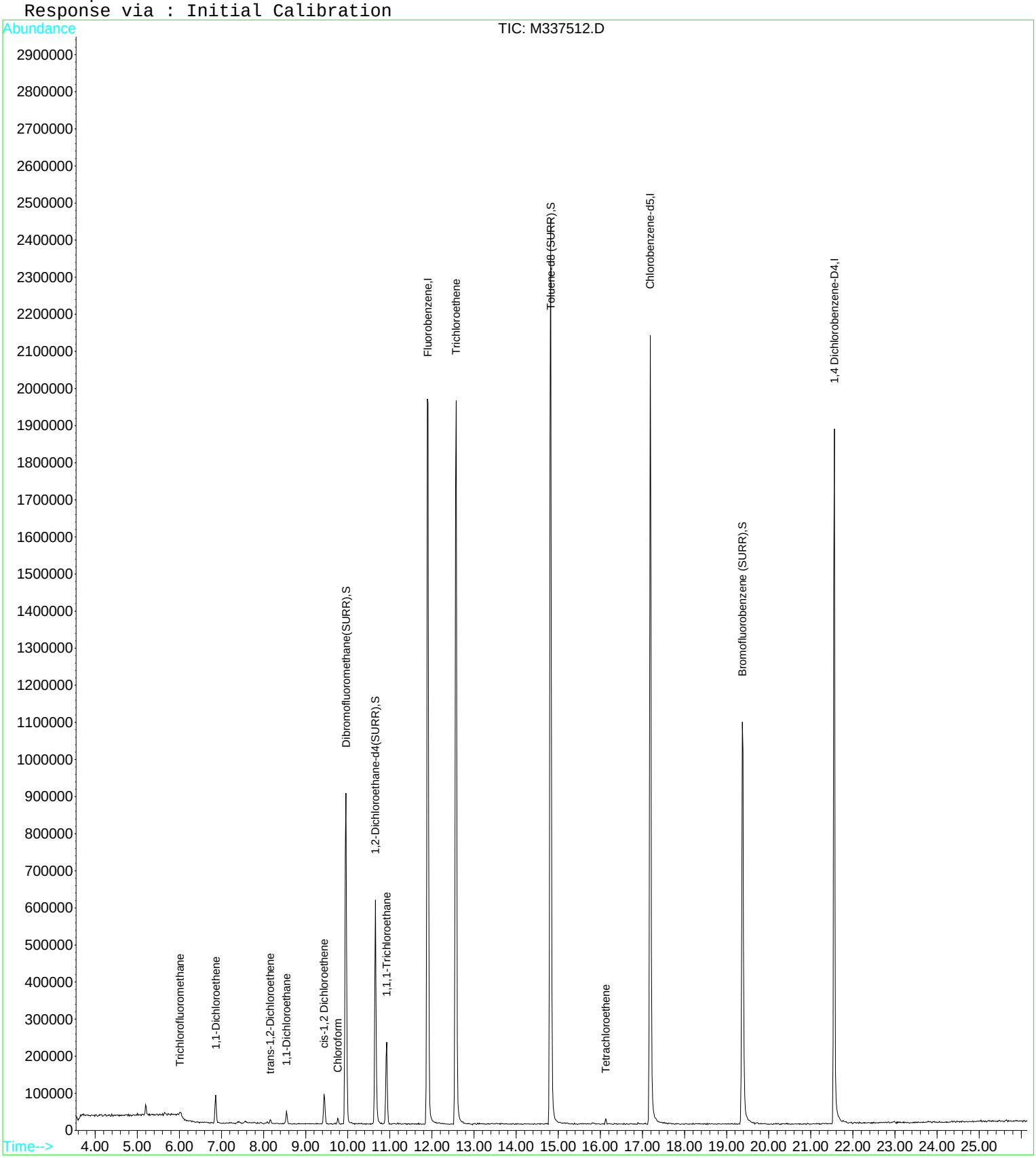
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.91	96	2767423	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1943314	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	705810	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.96	111	774104	22.64	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.56%			
41) 1,2-Dichloroethane-d4(SURR	10.66	65	452994	24.17	ug/l	0.00
Spiked Amount 25.000			Recovery = 96.68%			
59) Toluene-d8 (SURR)	14.82	98	2379041	23.75	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.00%			
75) Bromofluorobenzene (SURR)	19.37	95	802152	23.33	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.32%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	6.02	101	8550	0.27	ug/l	85
16) 1,1-Dichloroethene	6.86	96	43145	1.67	ug/l	98
20) trans-1,2-Dichloroethene	8.16	96	8100	0.28	ug/l	95
21) 1,1-Dichloroethane	8.54	63	39857	0.91	ug/l	94
27) cis-1,2 Dichloroethene	9.44	96	52234	1.56	ug/l	92
33) Chloroform	9.76	83	17167	0.39	ug/l	89
36) 1,1,1-Trichloroethane	10.92	97	181416	5.76	ug/l	100
44) Trichloroethene	12.57	95	990835	34.36	ug/l	95
63) Tetrachloroethene	16.13	164	4404	0.24	ug/l	87

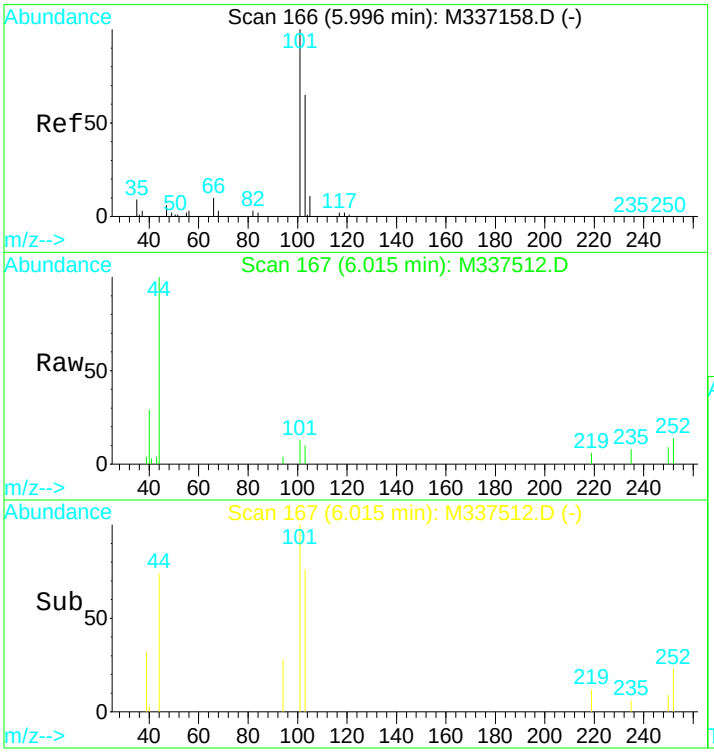
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337512.D Vial: 13
Acq On : 4 Dec 2009 2:34 pm Operator: MD
Sample : 0912038-06 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:04 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

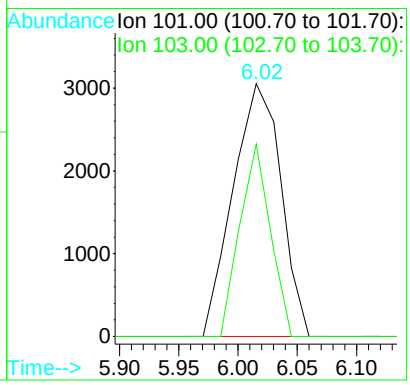


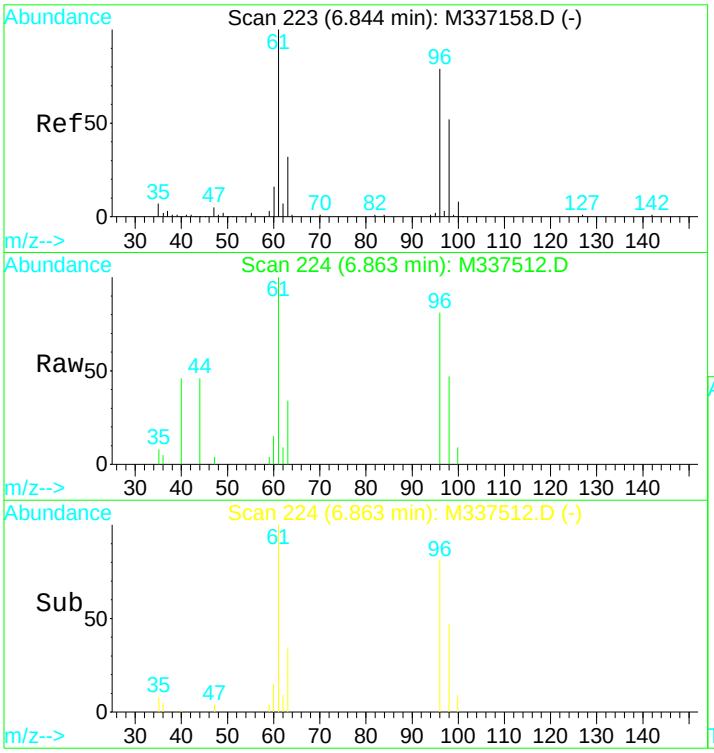


#7
Trichlorofluoromethane
Concen: 0.27 ug/l
RT: 6.02 min Scan# 167
Delta R.T. 0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion:101 Resp: 8550

Ion	Ratio	Lower	Upper
101	100		
103	76.2	34.5	94.5

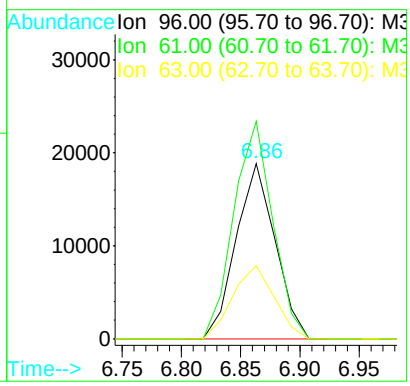


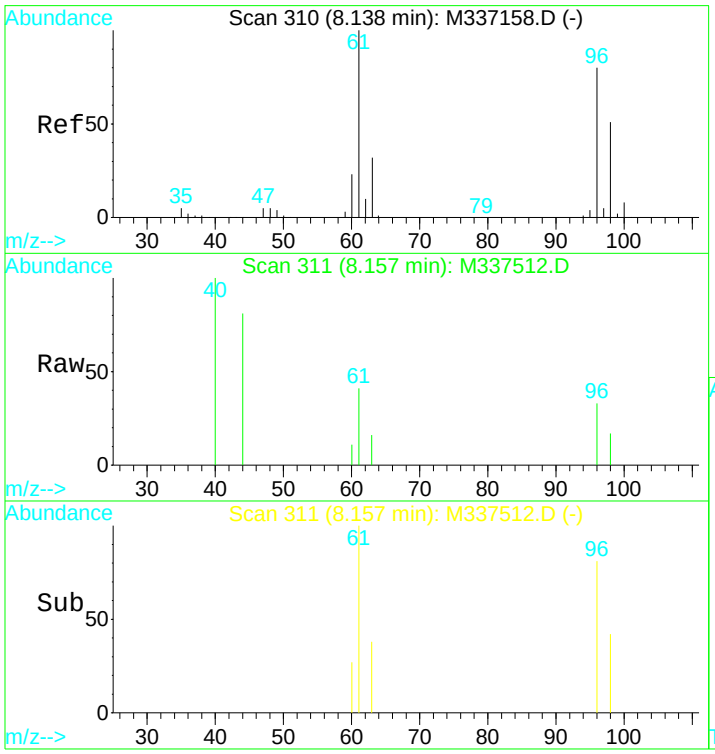


#16
1,1-Dichloroethene
Concen: 1.67 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion: 96 Resp: 43145

Ion	Ratio	Lower	Upper
96	100		
61	124.1	96.1	156.1
63	41.8	10.0	70.0

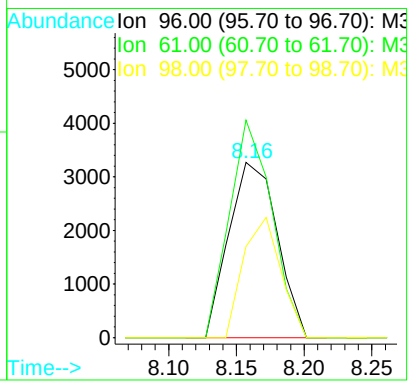


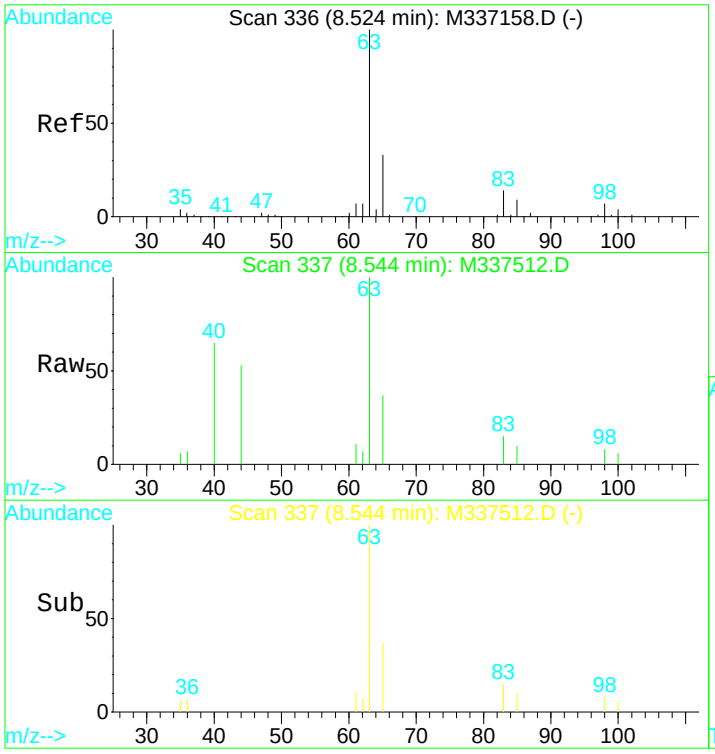


#20
trans-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 8.16 min Scan# 311
Delta R.T. -0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion: 96 Resp: 8100

Ion	Ratio	Lower	Upper
96	100		
61	124.1	95.0	155.0
98	51.9	33.4	93.4

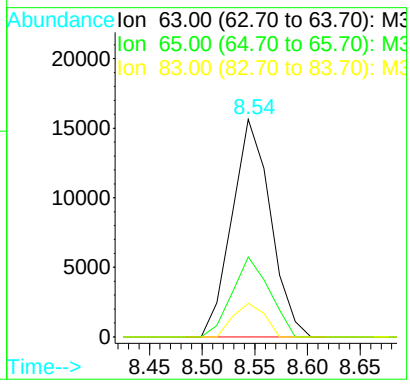


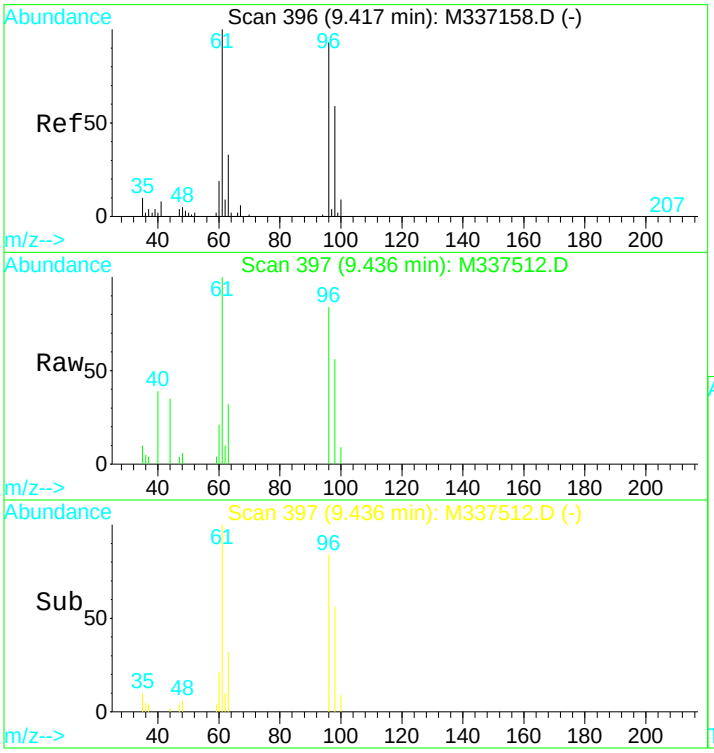


#21
1,1-Dichloroethane
Concen: 0.91 ug/l
RT: 8.54 min Scan# 337
Delta R.T. 0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion: 63 Resp: 39857

Ion	Ratio	Lower	Upper
63	100		
65	36.8	2.9	62.9
83	15.3	0.0	44.2

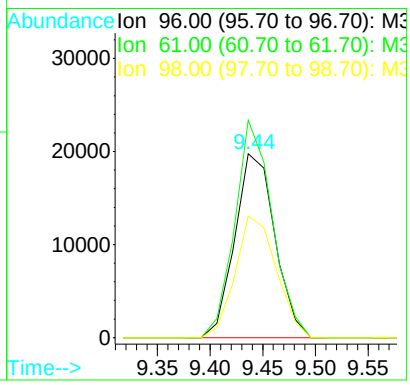


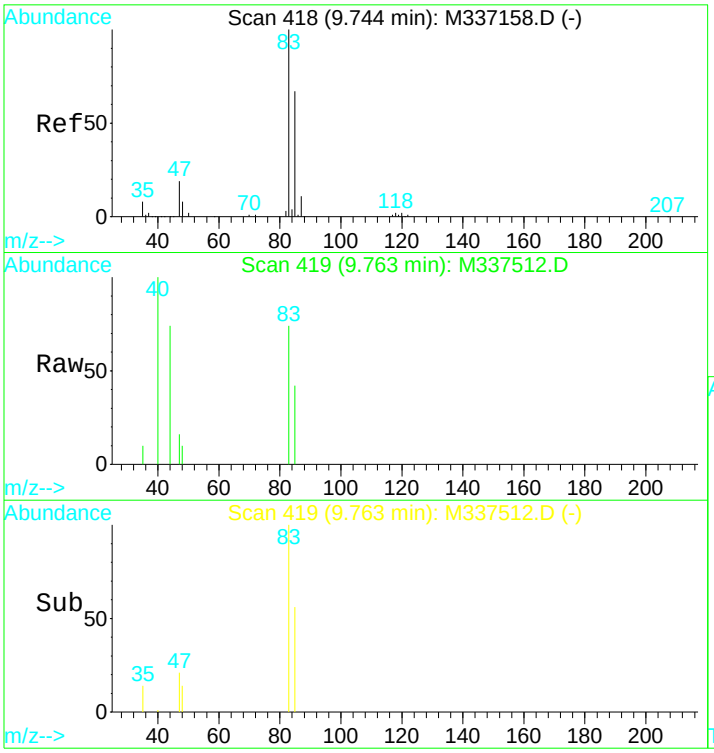


#27
cis-1,2 Dichloroethene
Concen: 1.56 ug/l
RT: 9.44 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion: 96 Resp: 52234

Ion	Ratio	Lower	Upper
96	100		
61	118.3	77.5	137.5
98	66.1	33.9	93.9

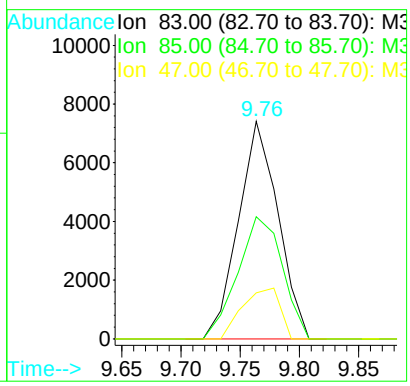


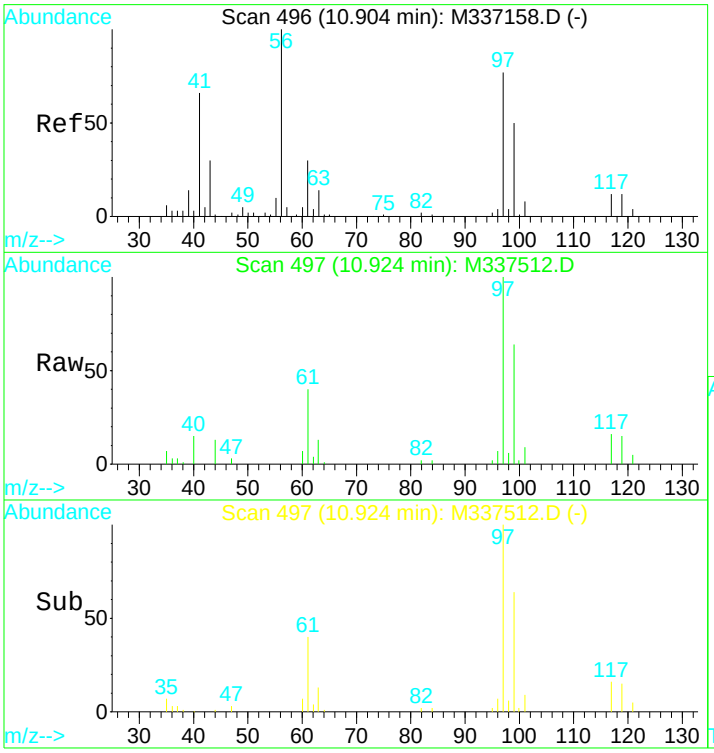


#33
Chloroform
Concen: 0.39 ug/l
RT: 9.76 min Scan# 419
Delta R.T. 0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion: 83 Resp: 17167

Ion	Ratio	Lower	Upper
83	100		
85	56.2	37.1	97.1
47	21.2	0.0	53.5

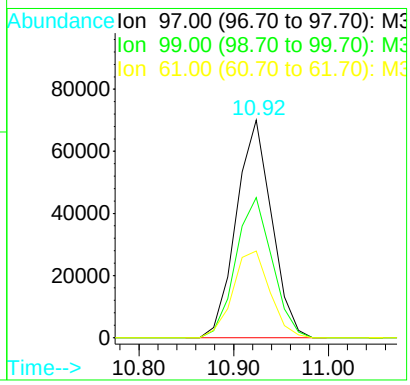


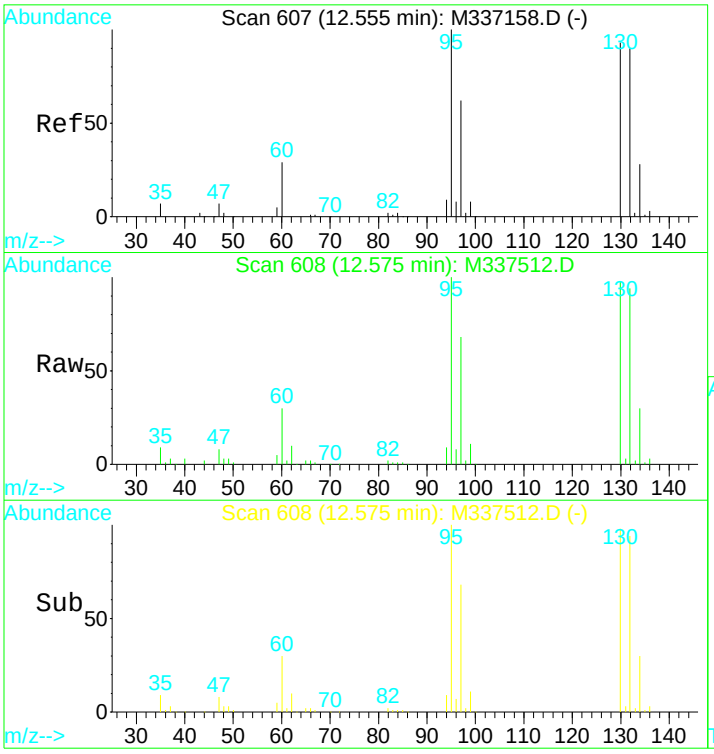


#36
1,1,1-Trichloroethane
Concen: 5.76 ug/l
RT: 10.92 min Scan# 497
Delta R.T. 0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion: 97 Resp: 181416

Ion	Ratio	Lower	Upper
97	100		
99	64.3	34.9	94.9
61	39.8	9.8	69.8

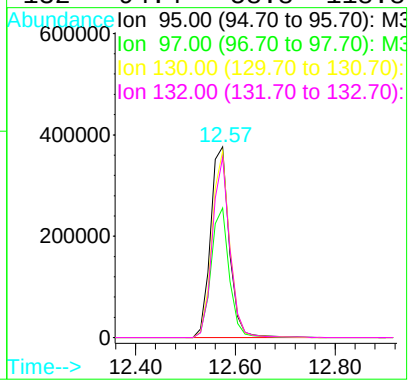


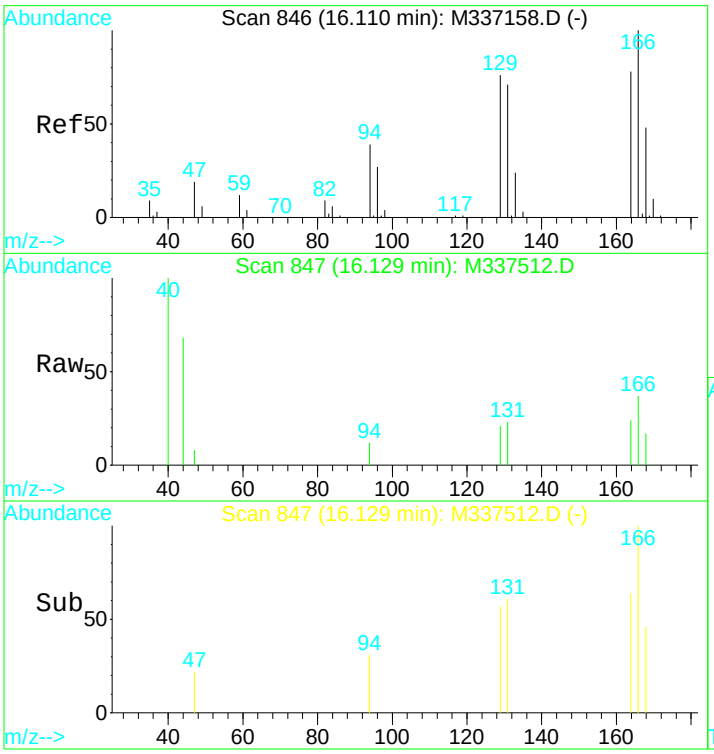


#44
Trichloroethene
Concen: 34.36 ug/l
RT: 12.57 min Scan# 608
Delta R.T. 0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion: 95 Resp: 990835

Ion	Ratio	Lower	Upper
95	100		
97	67.9	35.0	95.0
130	97.9	62.7	122.7
132	94.4	58.8	118.8

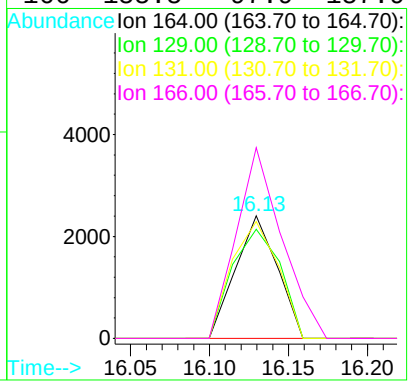




#63
Tetrachloroethene
Concen: 0.24 ug/l
RT: 16.13 min Scan# 847
Delta R.T. 0.01 min
Lab File: M337512.D
Acq: 4 Dec 2009 2:34 pm

Tgt Ion:164 Resp: 4404

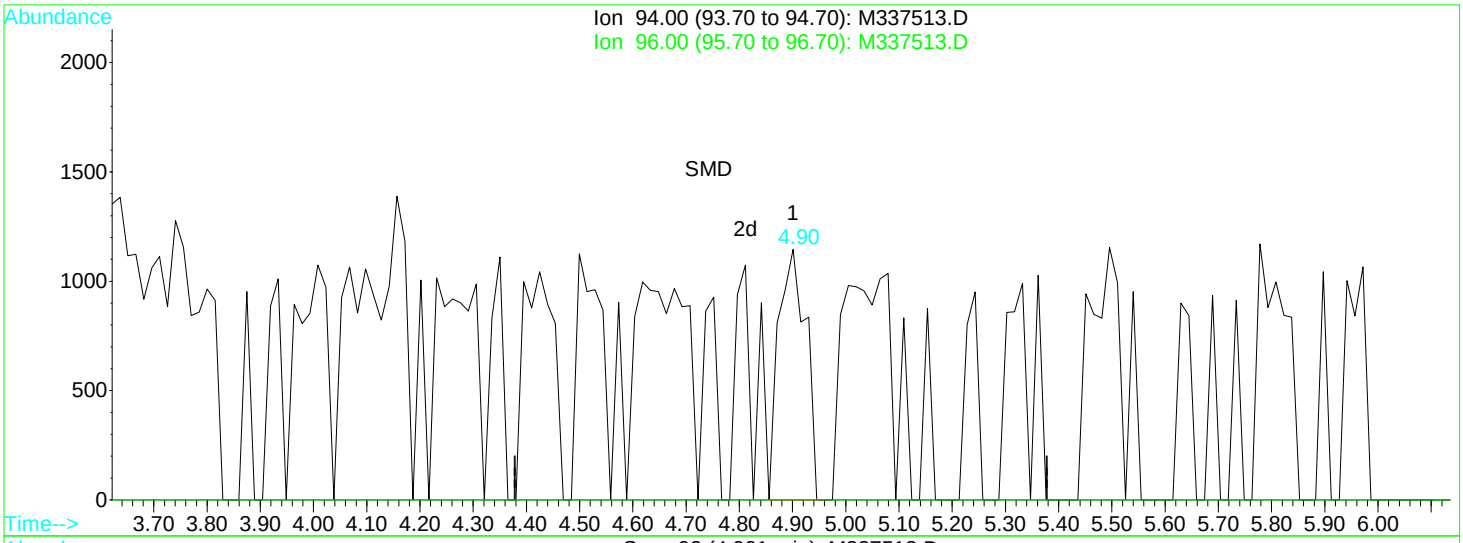
Ion	Ratio	Lower	Upper
164	100		
129	88.9	66.7	126.7
131	95.2	61.4	121.4
166	155.5	97.9	157.9

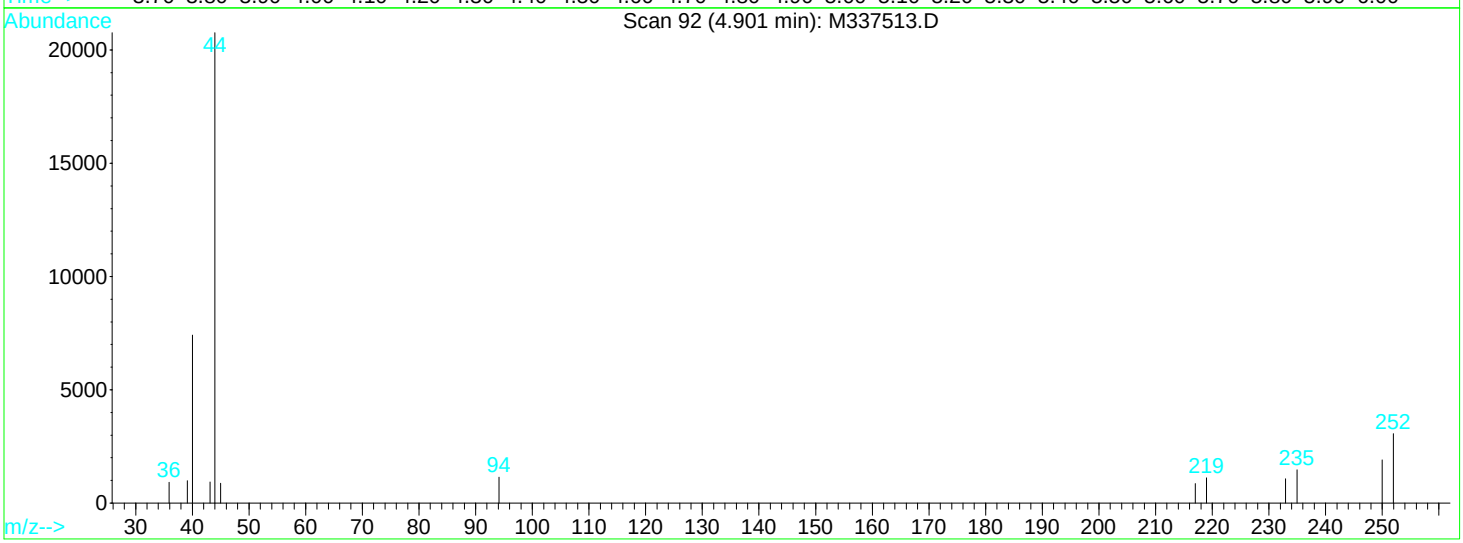


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 15:35 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337513.D

(5) Bromomethane

4.90min 0.23ug/l

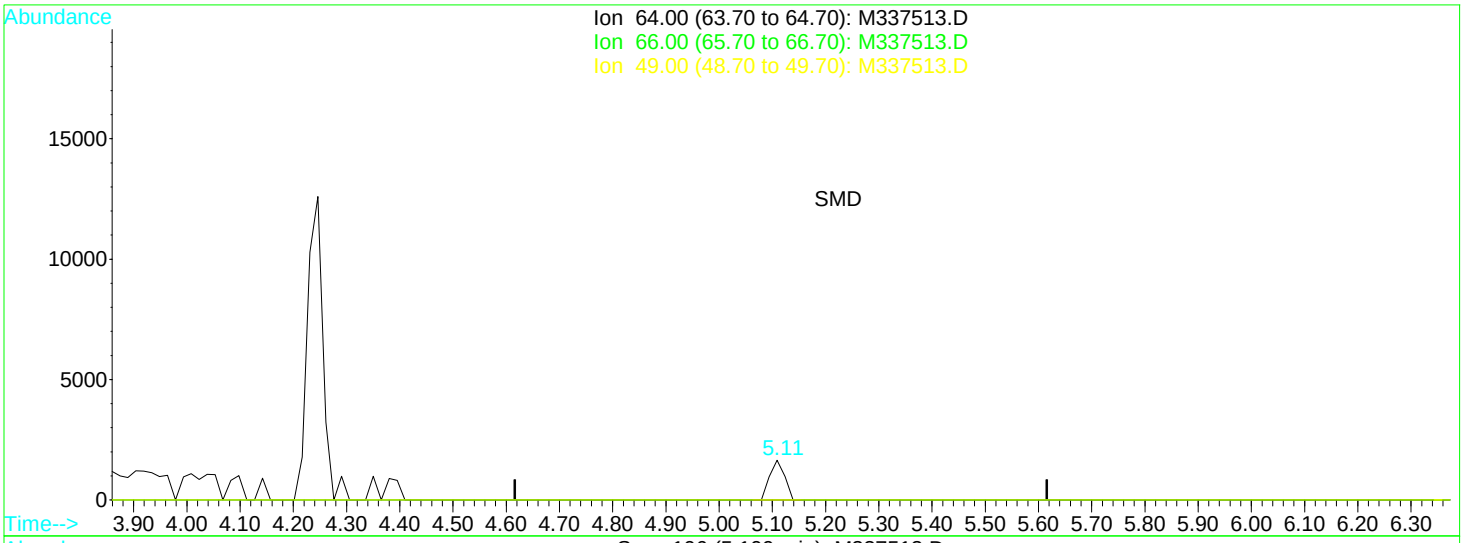
response 4072

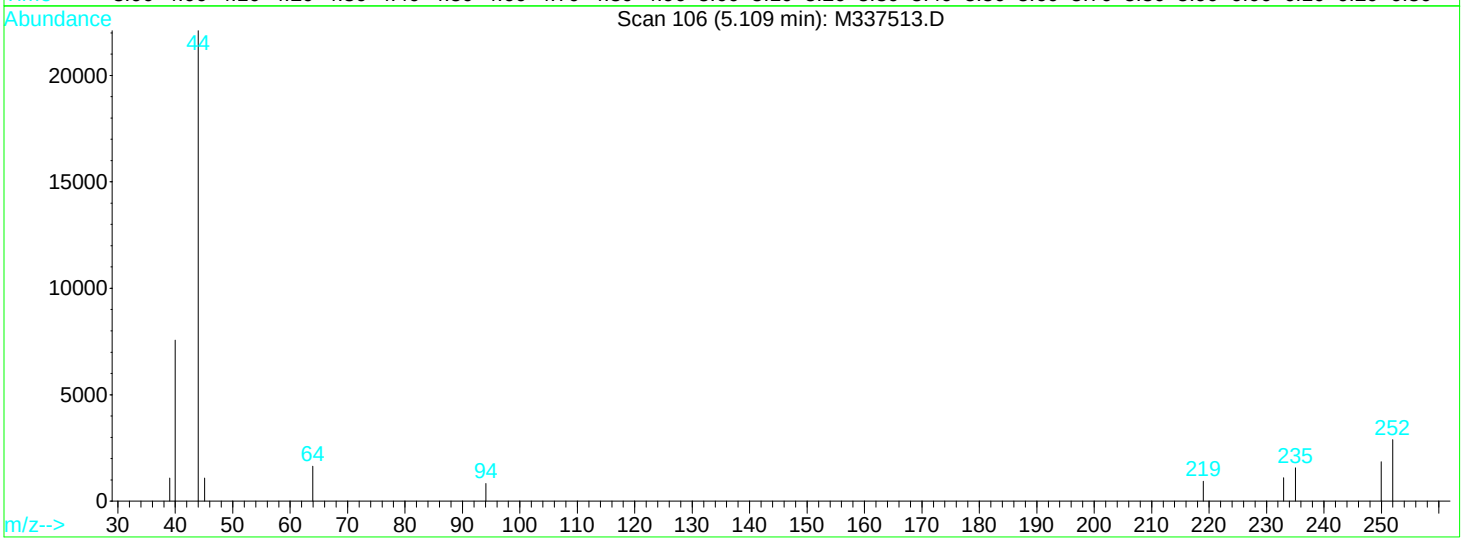
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337513.D

(6) Chloroethane

5.11min 0.23ug/l

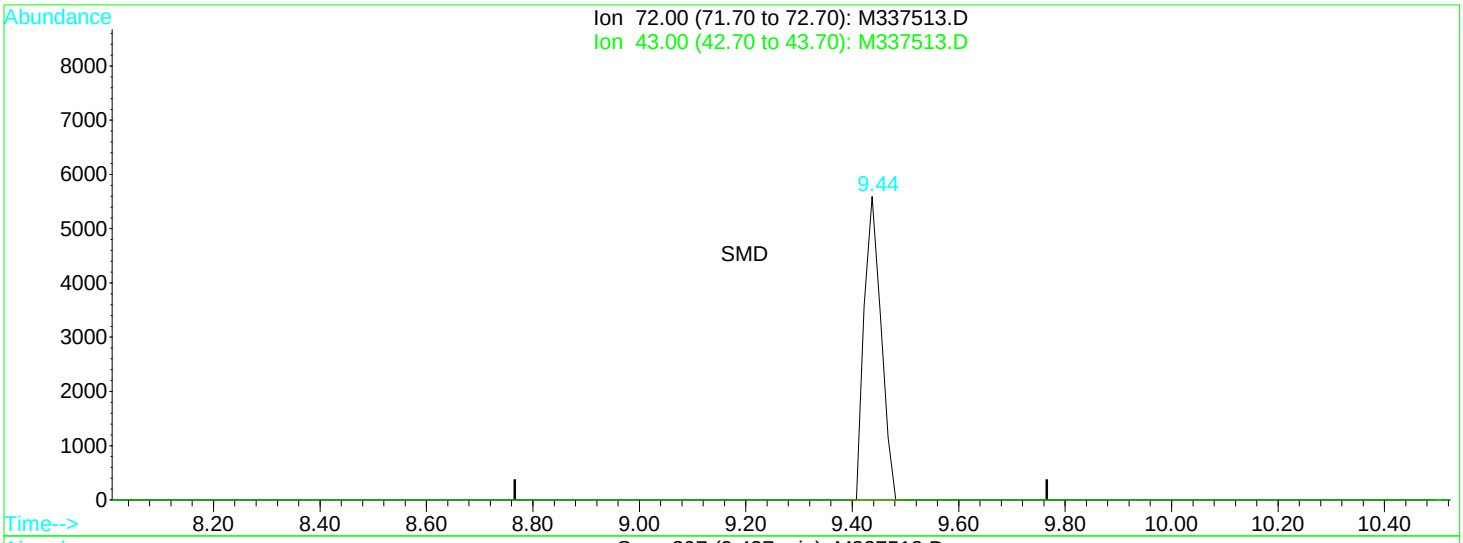
response 3185

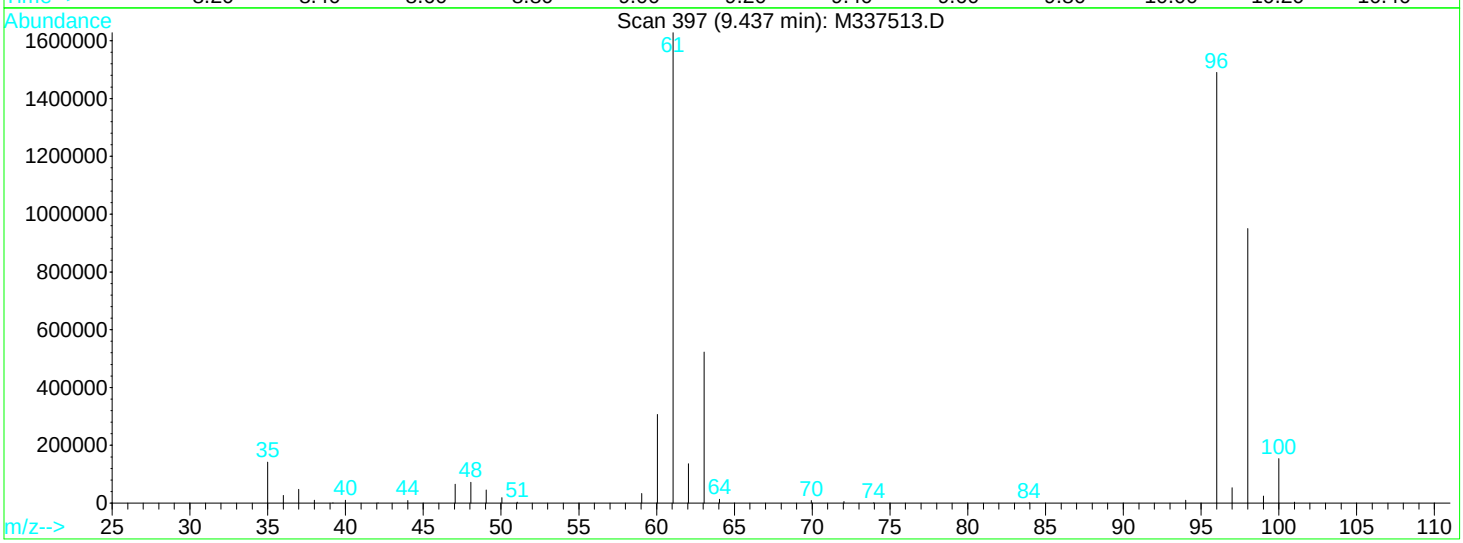
Ion	Exp%	Act%
64.00	100	100
66.00	32.10	0.00#
49.00	28.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337513.D

(24) 2-Butanone

9.44min 8.86ug/l

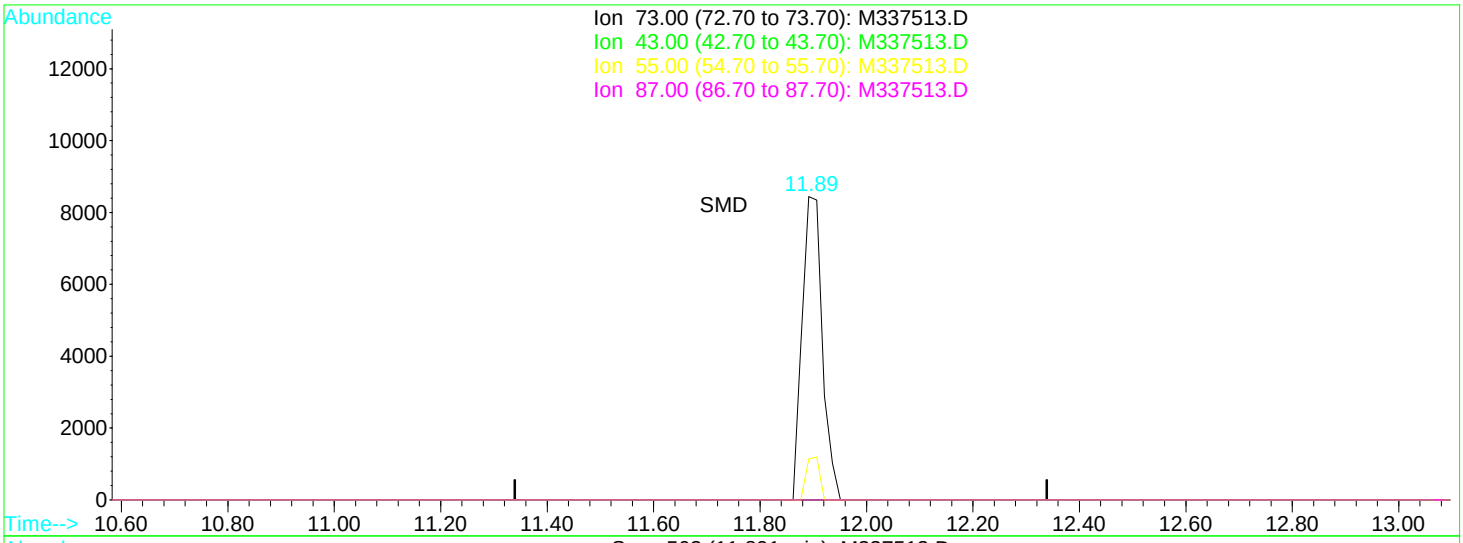
response 12316

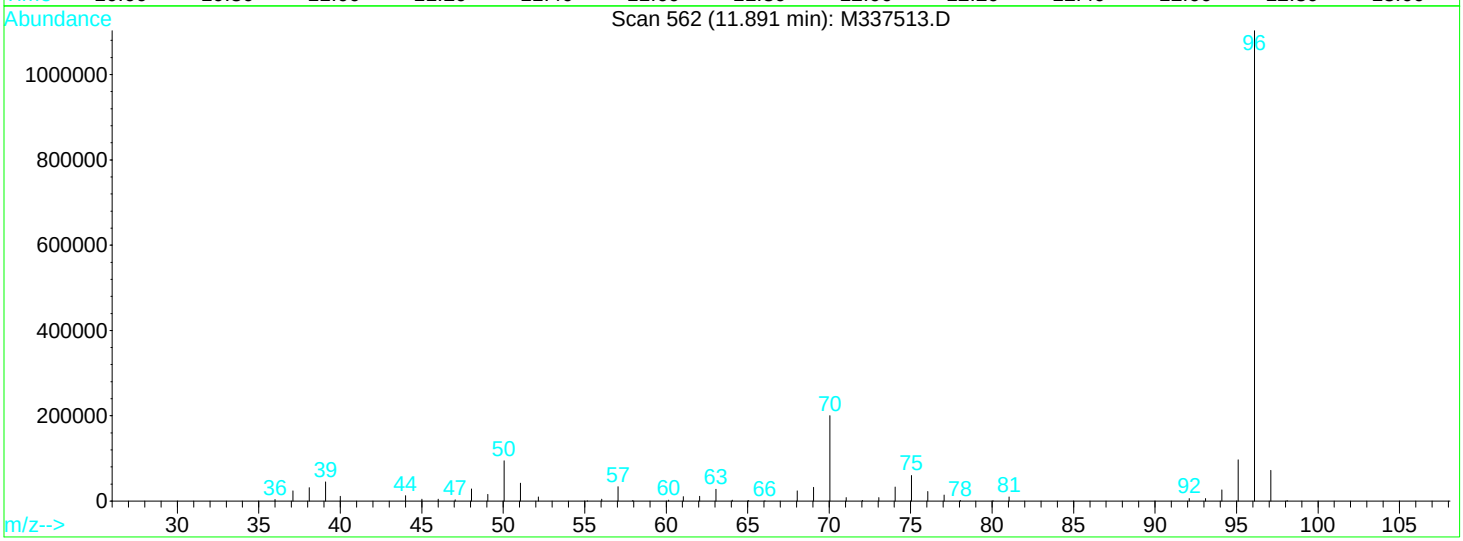
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337513.D

(43) Tertiary-amyl methyl ether

11.89min 0.49ug/l

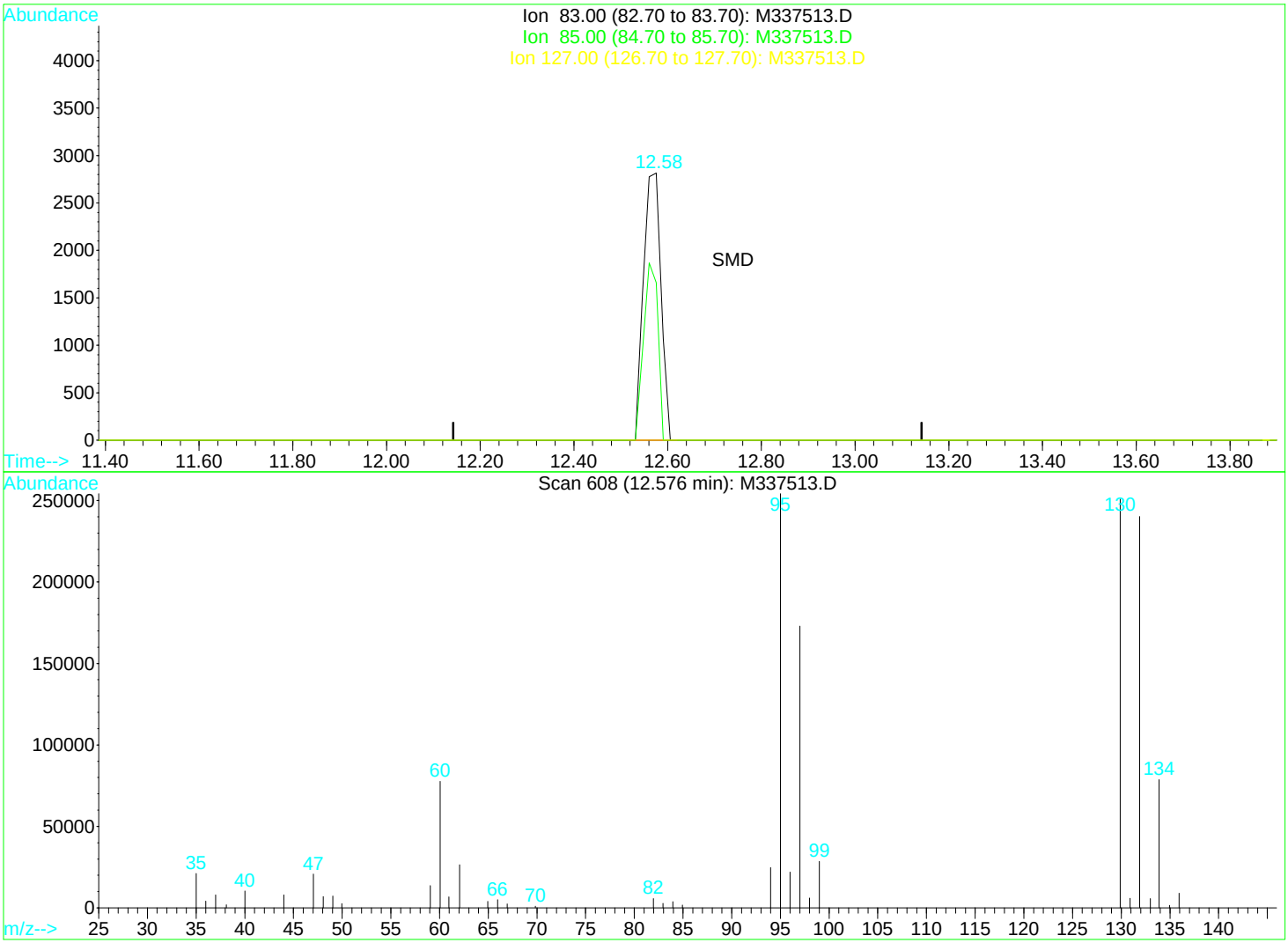
response 22300

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	13.50
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337513.D

(48) Bromodichloromethane

12.58min 0.22ug/l

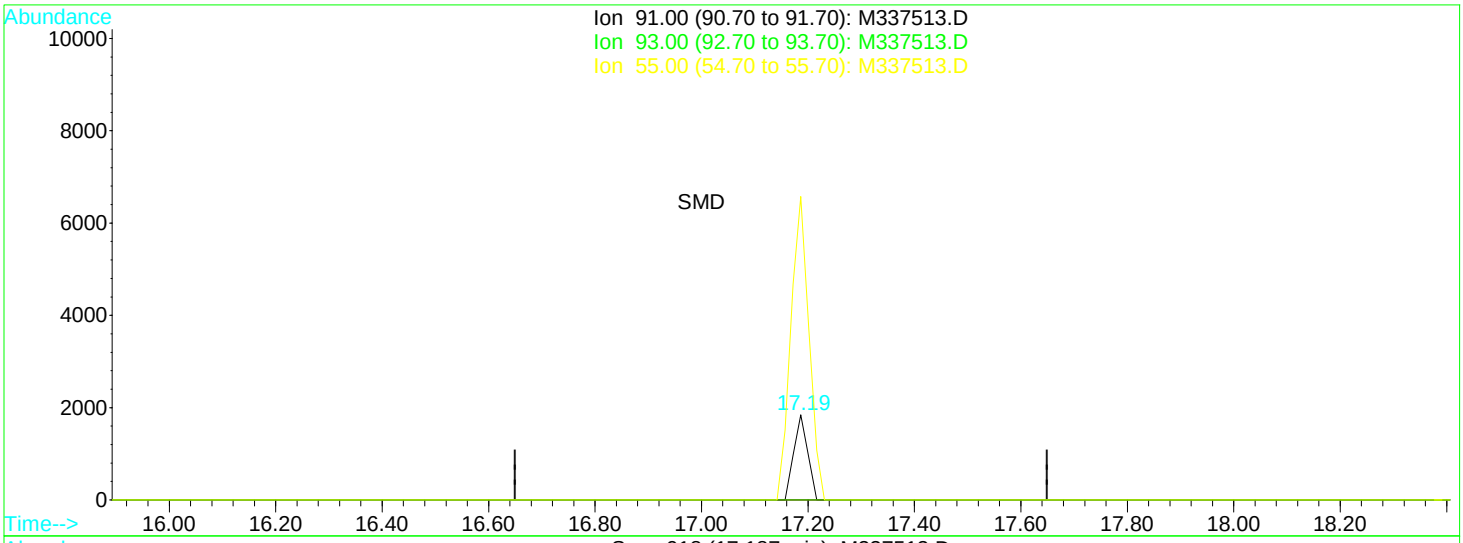
response 7314

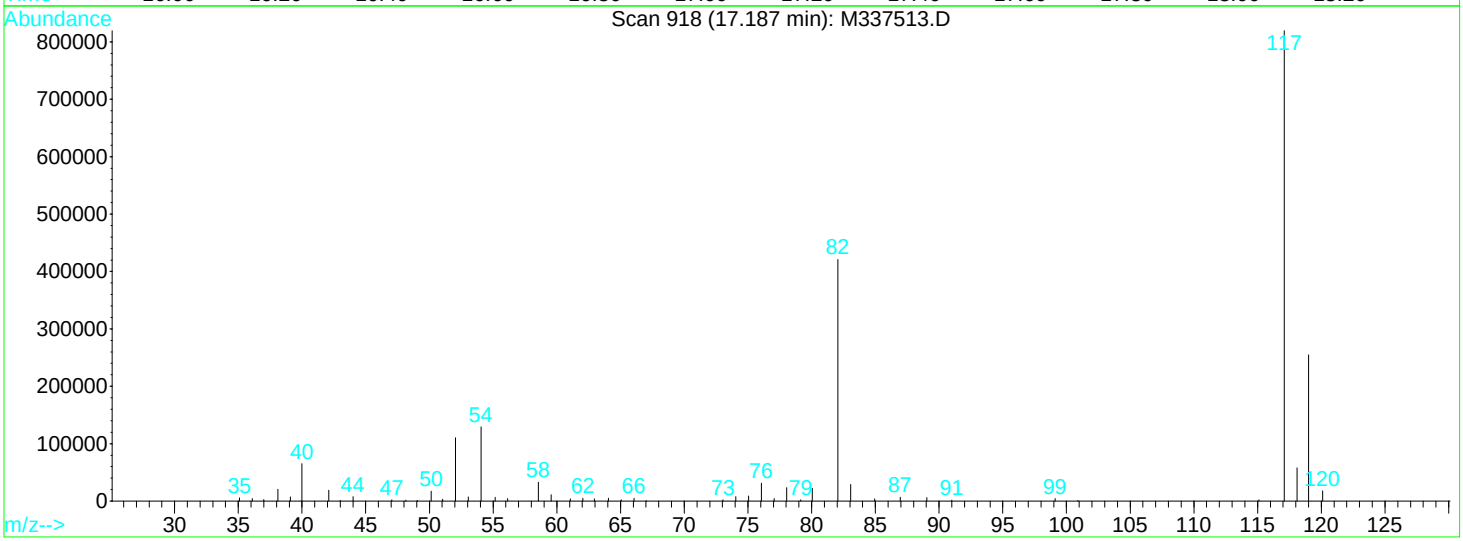
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	58.98
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:05 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337513.D

(66) 1-Chlorohexane

17.19min 0.13ug/l

response 3333

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	356.48#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:05 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

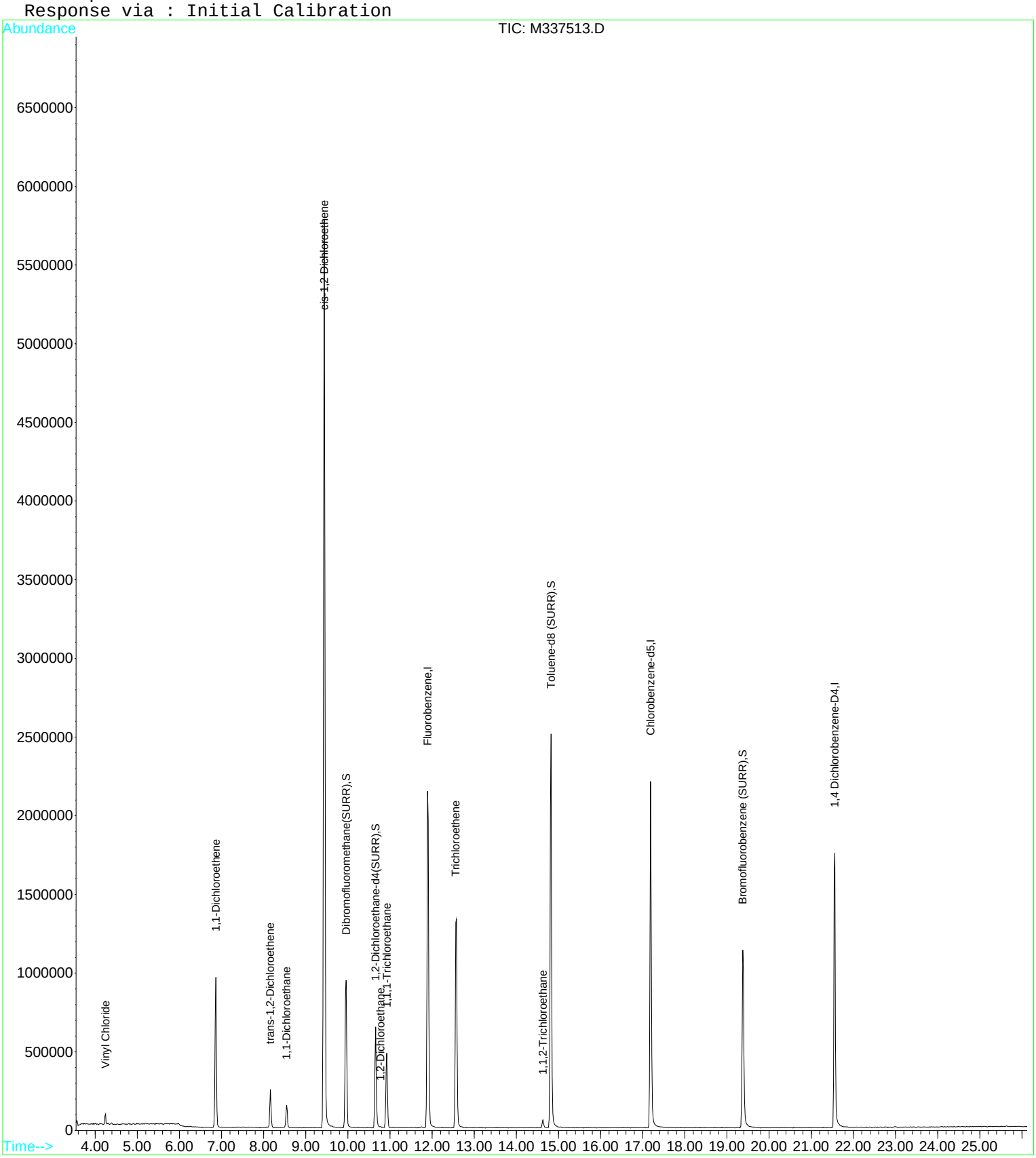
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2931705	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1994106	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	714042	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.96	111	841740	23.24	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.96%			
41) 1,2-Dichloroethane-d4(SURR	10.66	65	482241	24.29	ug/l	0.00
Spiked Amount 25.000			Recovery = 97.16%			
59) Toluene-d8 (SURR)	14.82	98	2494704	24.27	ug/l	0.00
Spiked Amount 25.000			Recovery = 97.08%			
75) Bromofluorobenzene (SURR)	19.37	95	810698	22.98	ug/l	0.00
Spiked Amount 25.000			Recovery = 91.92%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.25	62	68313	2.73	ug/l	95
16) 1,1-Dichloroethene	6.86	96	536367	19.57	ug/l	99
20) trans-1,2-Dichloroethene	8.16	96	131887	4.33	ug/l	93
21) 1,1-Dichloroethane	8.54	63	171838	3.72	ug/l	98
27) cis-1,2 Dichloroethene	9.44	96	3472325	97.86	ug/l	99
36) 1,1,1-Trichloroethane	10.92	97	400376	12.00	ug/l	98
42) 1,2-Dichloroethane	10.78	62	5087	0.22	ug/l	78
44) Trichloroethene	12.56	95	710060	23.24	ug/l	93
56) 1,1,2-Trichloroethane	14.63	83	22885	1.18	ug/l	95

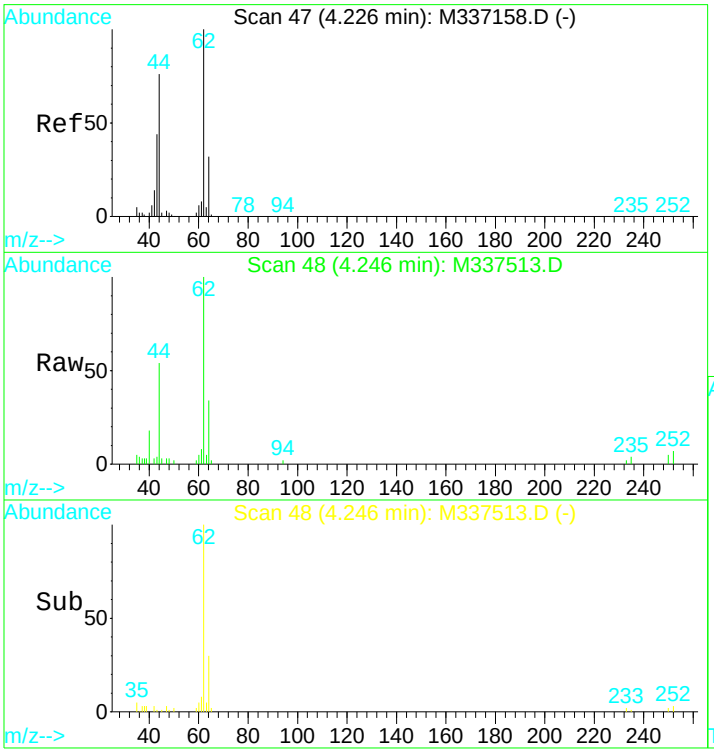
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337513.D Vial: 14
Acq On : 4 Dec 2009 3:05 pm Operator: MD
Sample : 0912038-07 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:05 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

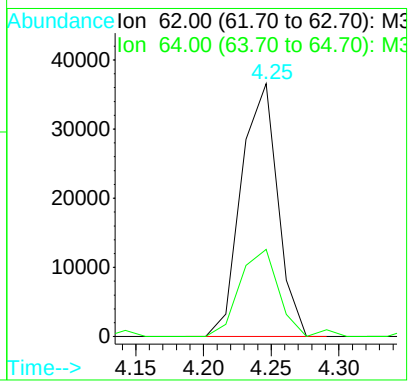


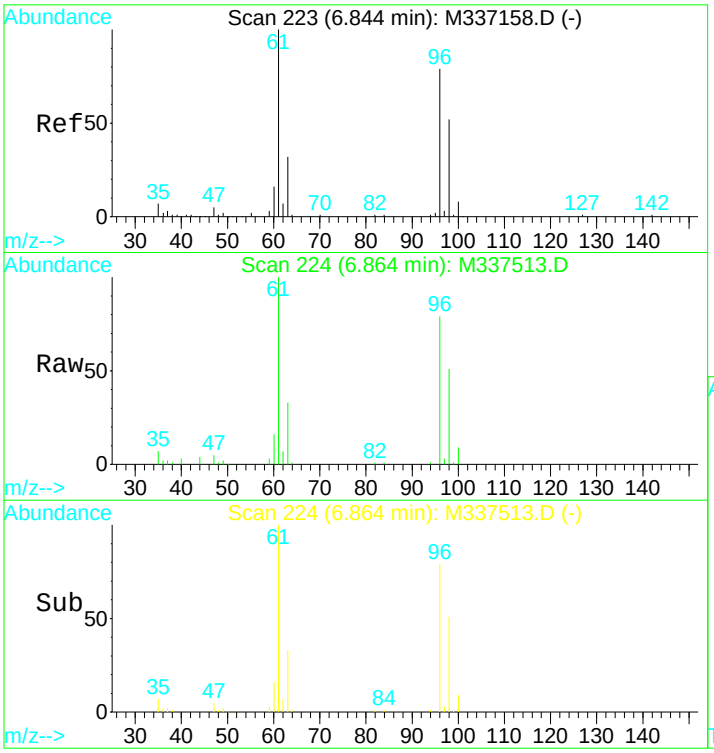


#4
Vinyl Chloride
Concen: 2.73 ug/l
RT: 4.25 min Scan# 48
Delta R.T. 0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 62 Resp: 68313

Ion	Ratio	Lower	Upper
62	100		
64	34.5	1.8	61.8

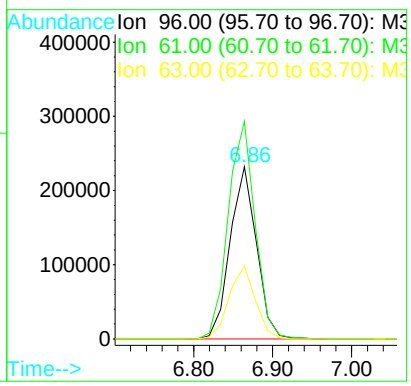


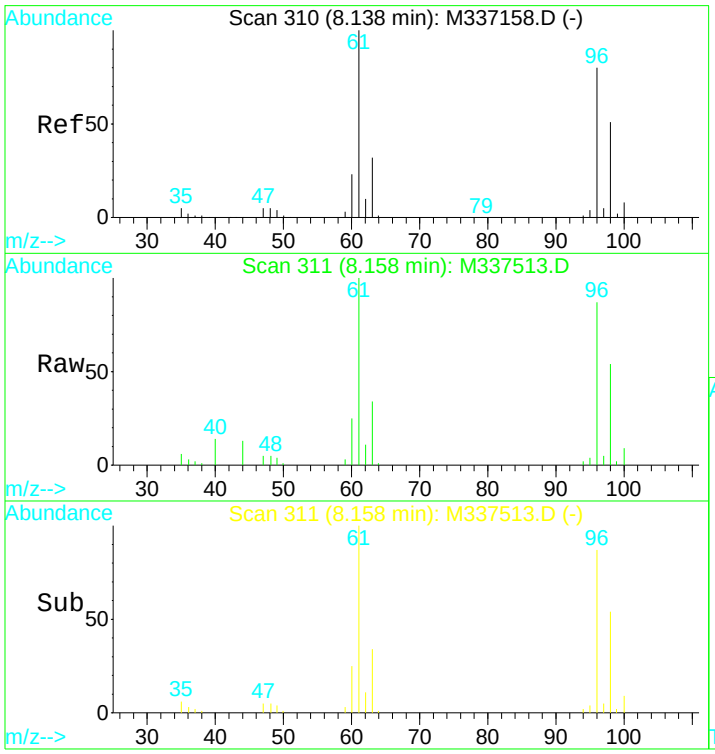


#16
1,1-Dichloroethene
Concen: 19.57 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 96 Resp: 536367

Ion	Ratio	Lower	Upper
96	100		
61	126.5	96.1	156.1
63	42.4	10.0	70.0

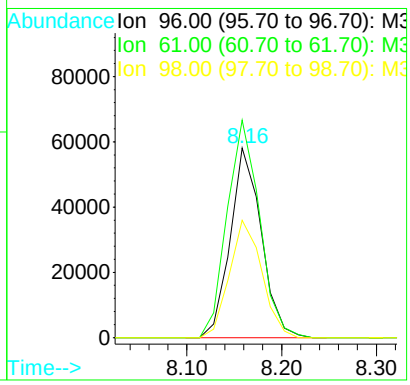


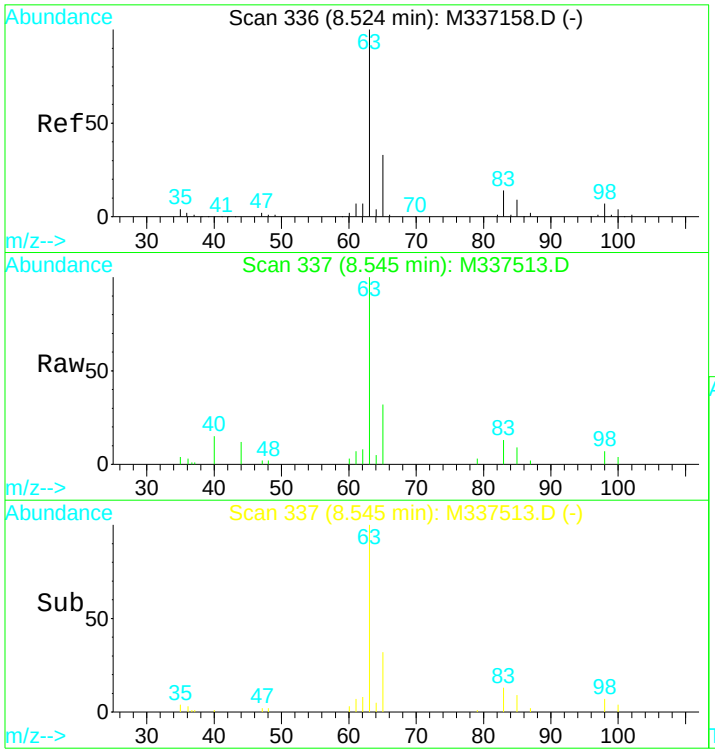


#20
trans-1,2-Dichloroethene
Concen: 4.33 ug/l
RT: 8.16 min Scan# 311
Delta R.T. -0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 96 Resp: 131887

Ion	Ratio	Lower	Upper
96	100		
61	114.7	95.0	155.0
98	61.9	33.4	93.4

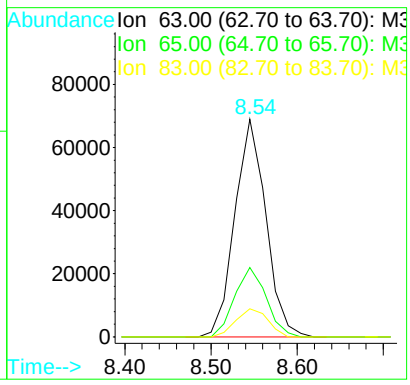


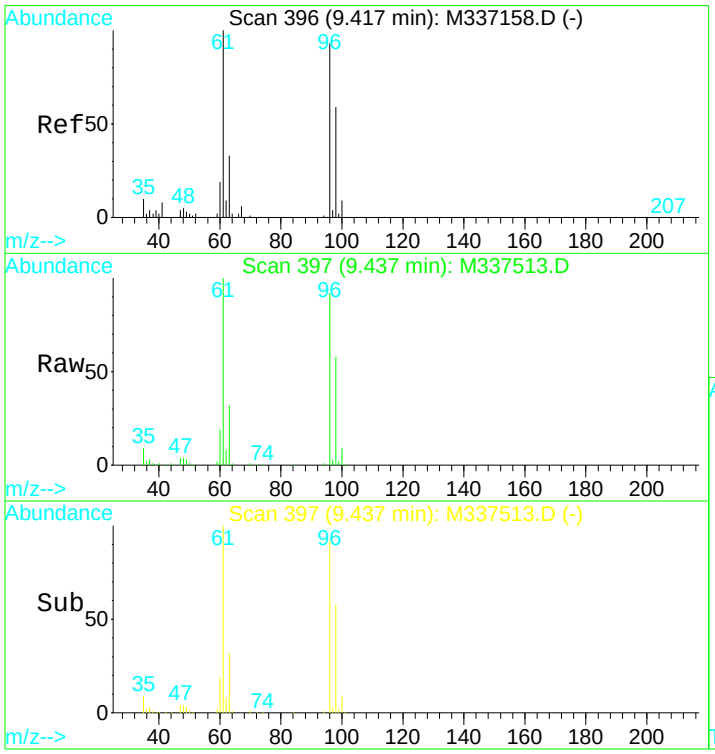


#21
1,1-Dichloroethane
Concen: 3.72 ug/l
RT: 8.54 min Scan# 337
Delta R.T. 0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 63 Resp: 171838

Ion	Ratio	Lower	Upper
63	100		
65	31.8	2.9	62.9
83	13.0	0.0	44.2

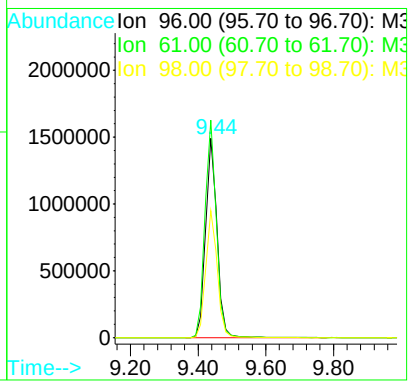


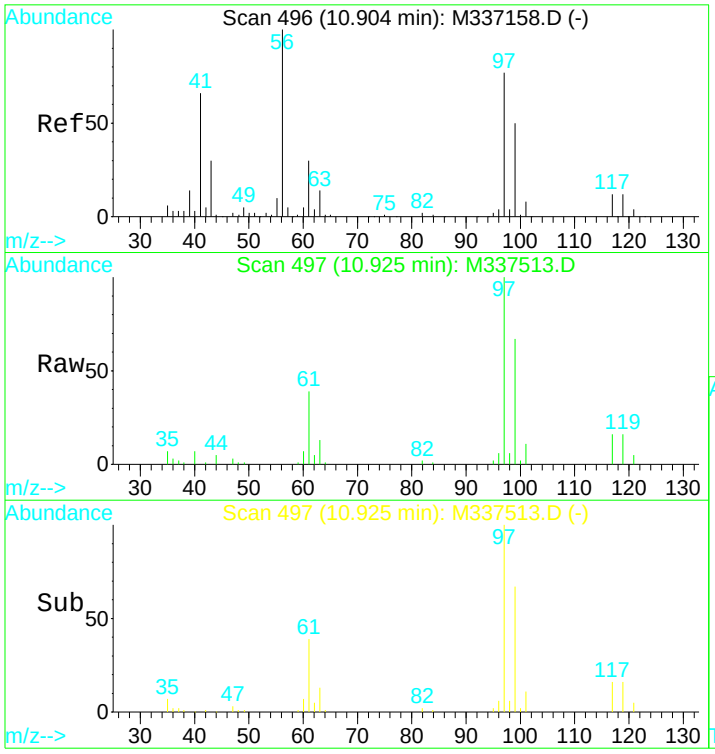


#27
cis-1,2 Dichloroethene
Concen: 97.86 ug/l
RT: 9.44 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 96 Resp: 3472325

Ion	Ratio	Lower	Upper
96	100		
61	109.2	77.5	137.5
98	63.7	33.9	93.9

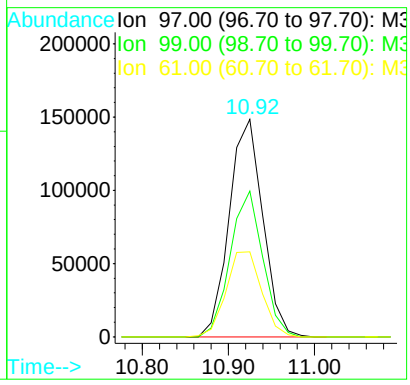


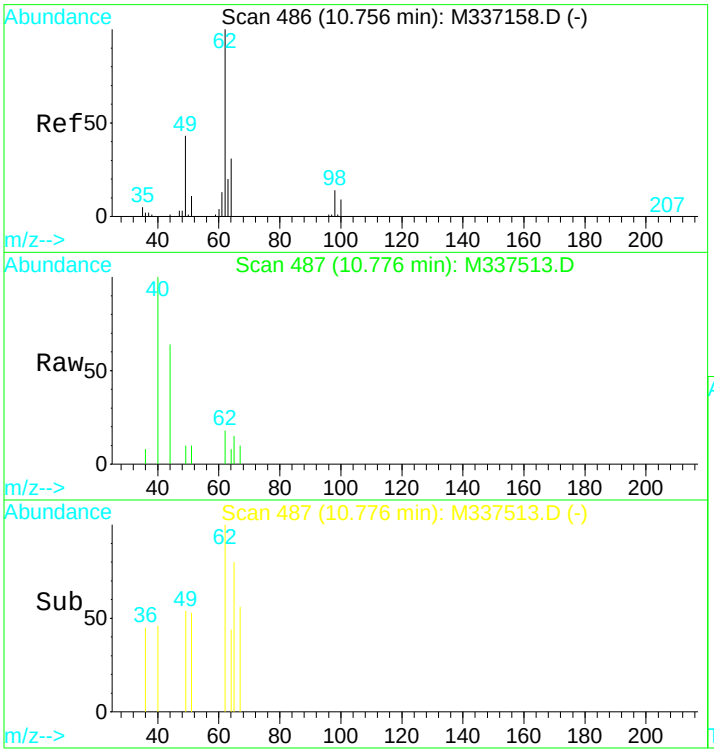


#36
1,1,1-Trichloroethane
Concen: 12.00 ug/l
RT: 10.92 min Scan# 497
Delta R.T. 0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 97 Resp: 400376

Ion	Ratio	Lower	Upper
97	100		
99	67.0	34.9	94.9
61	39.1	9.8	69.8

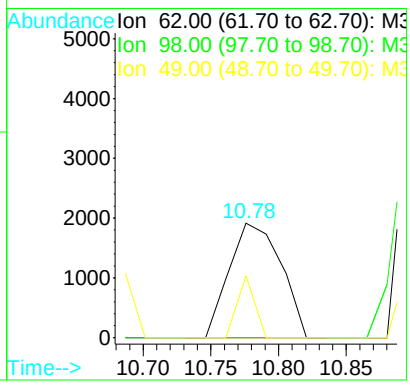


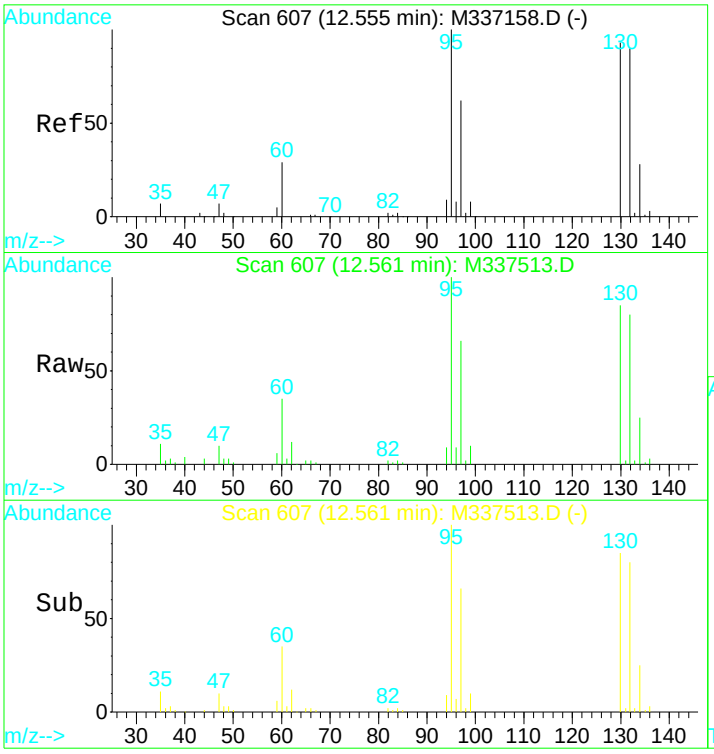


#42
1,2-Dichloroethane
Concen: 0.22 ug/l
RT: 10.78 min Scan# 487
Delta R.T. 0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 62 Resp: 5087

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	44.4
49	53.9	13.0	73.0

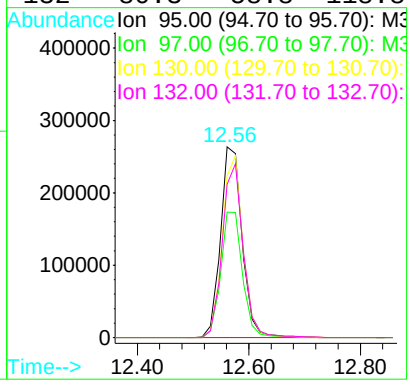


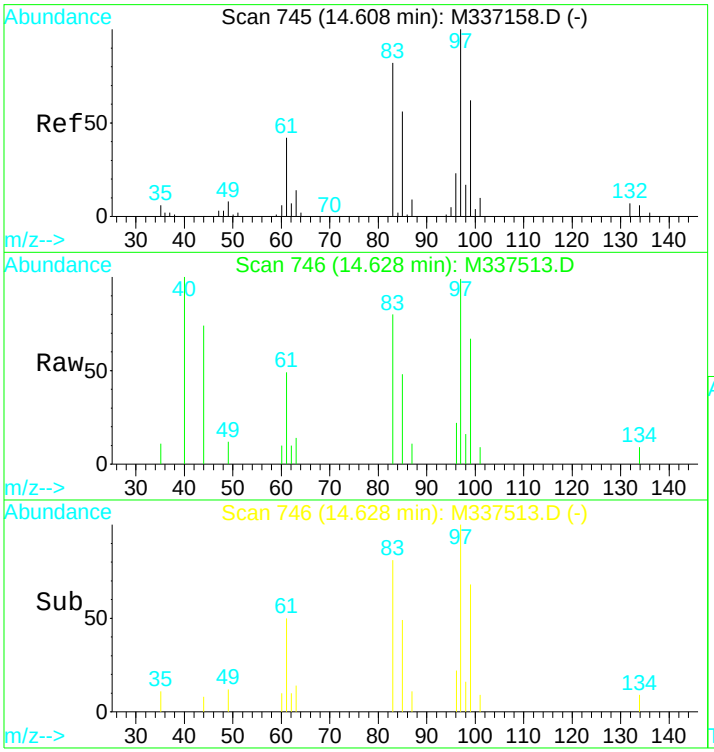


#44
Trichloroethene
Concen: 23.24 ug/l
RT: 12.56 min Scan# 607
Delta R.T. -0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 95 Resp: 710060

Ion	Ratio	Lower	Upper
95	100		
97	65.8	35.0	95.0
130	84.9	62.7	122.7
132	80.3	58.8	118.8

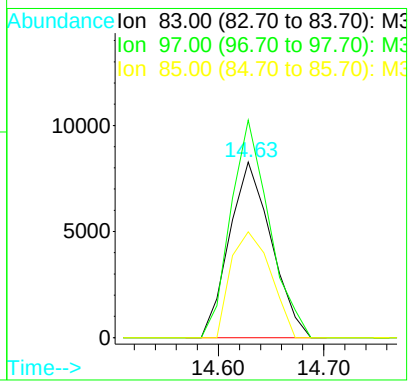




#56
1,1,2-Trichloroethane
Concen: 1.18 ug/l
RT: 14.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: M337513.D
Acq: 4 Dec 2009 3:05 pm

Tgt Ion: 83 Resp: 22885

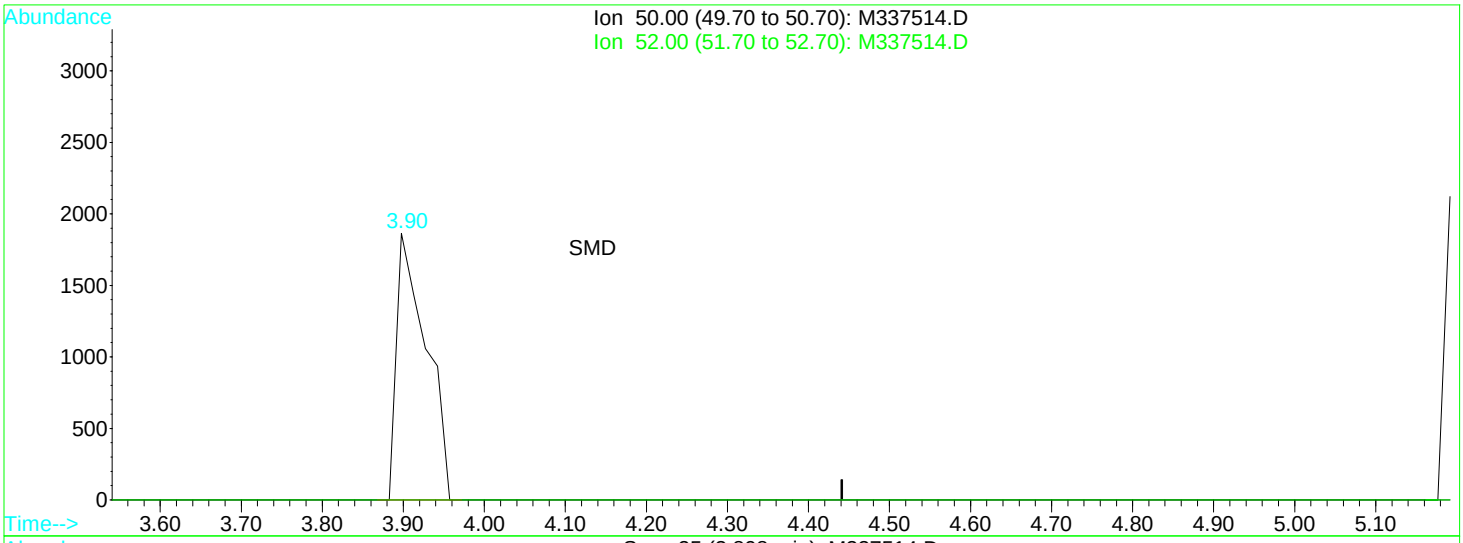
Ion	Ratio	Lower	Upper
83	100		
97	124.0	91.3	151.3
85	60.4	37.4	97.4

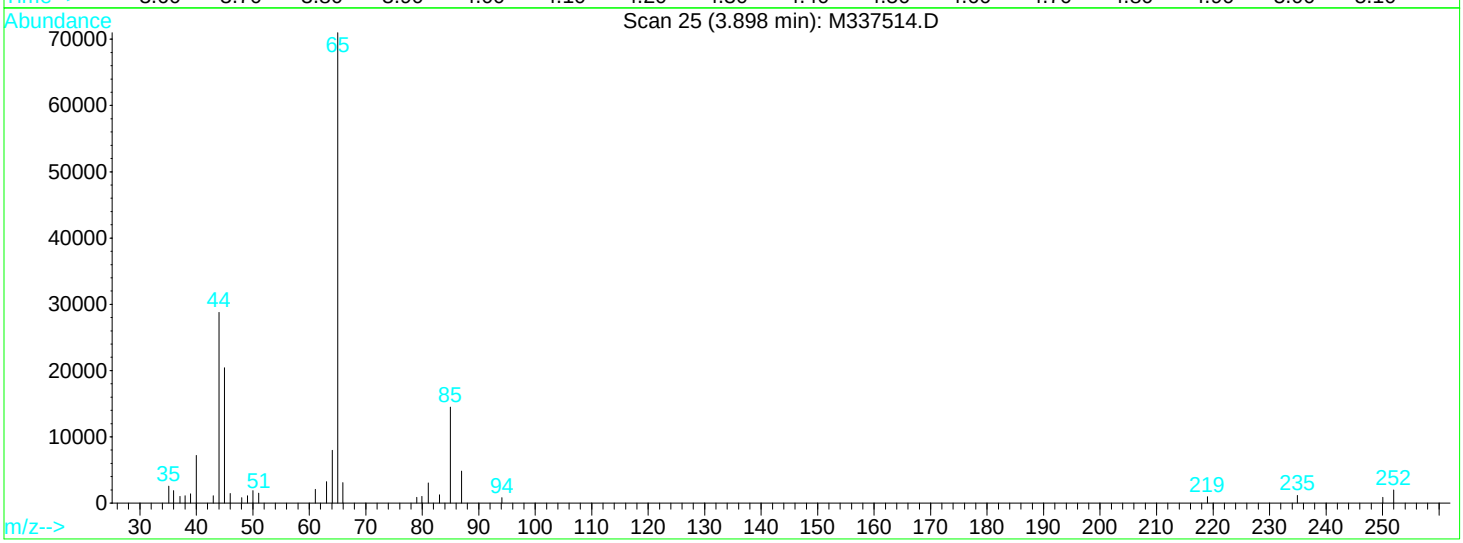


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 16:07 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(3) Chloromethane

3.90min 0.15ug/l

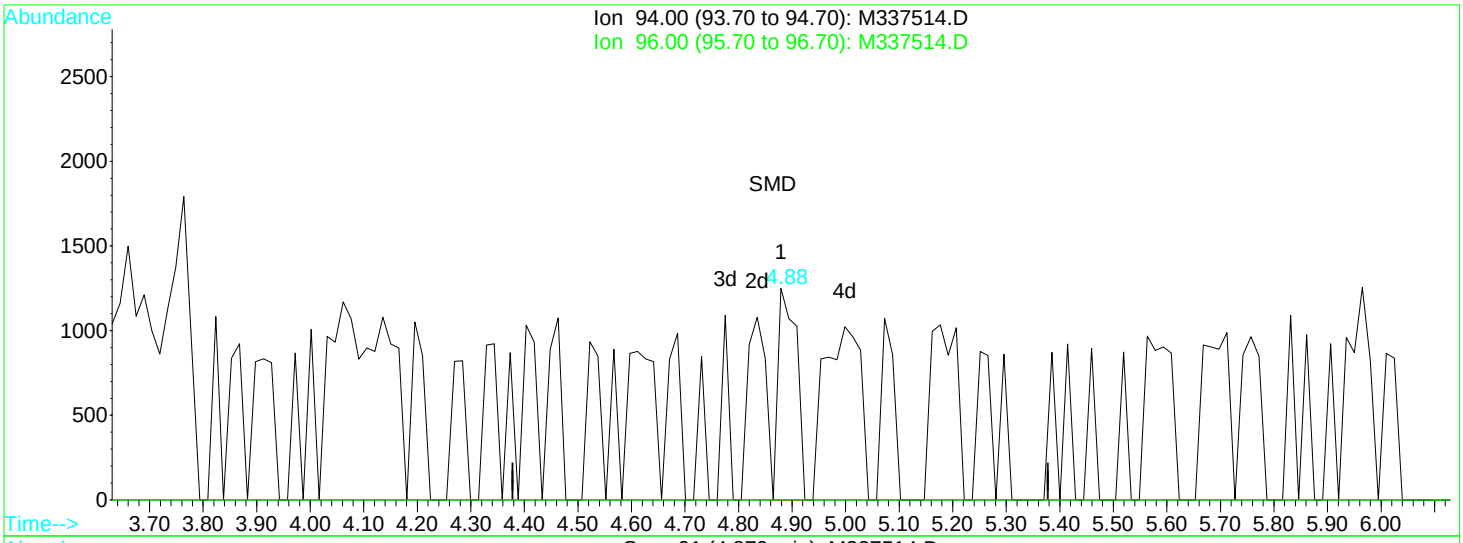
response 4726

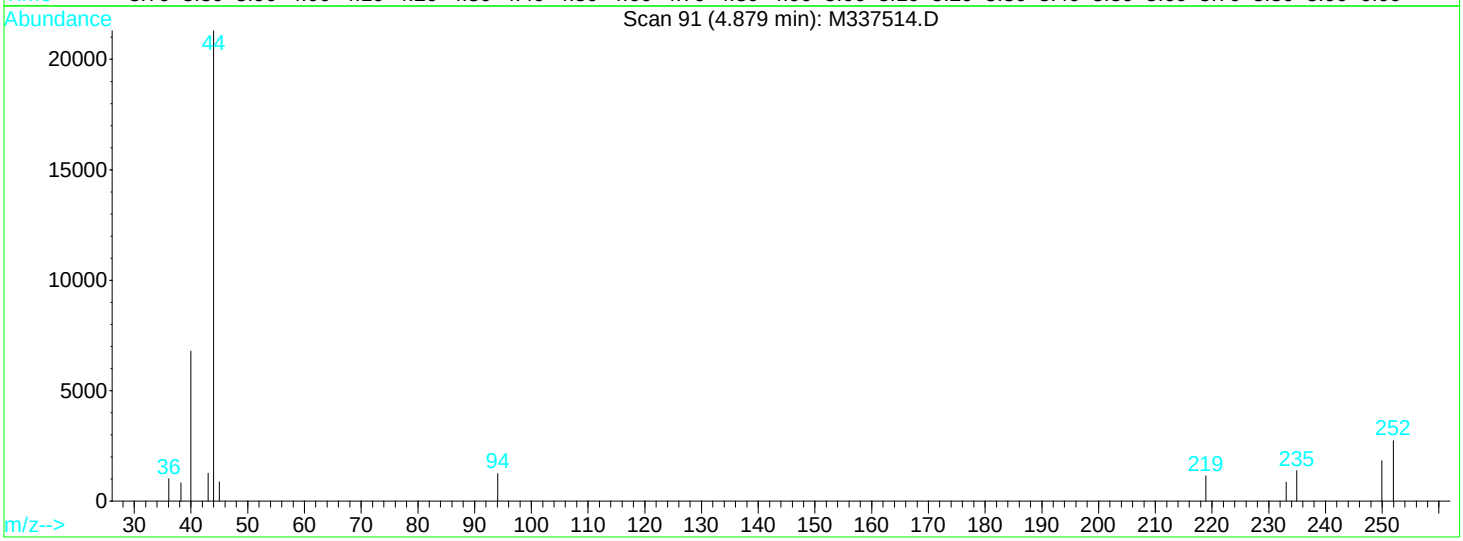
Ion	Exp%	Act%
50.00	100	100
52.00	31.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:05 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(5) Bromomethane

4.88min 0.17ug/l

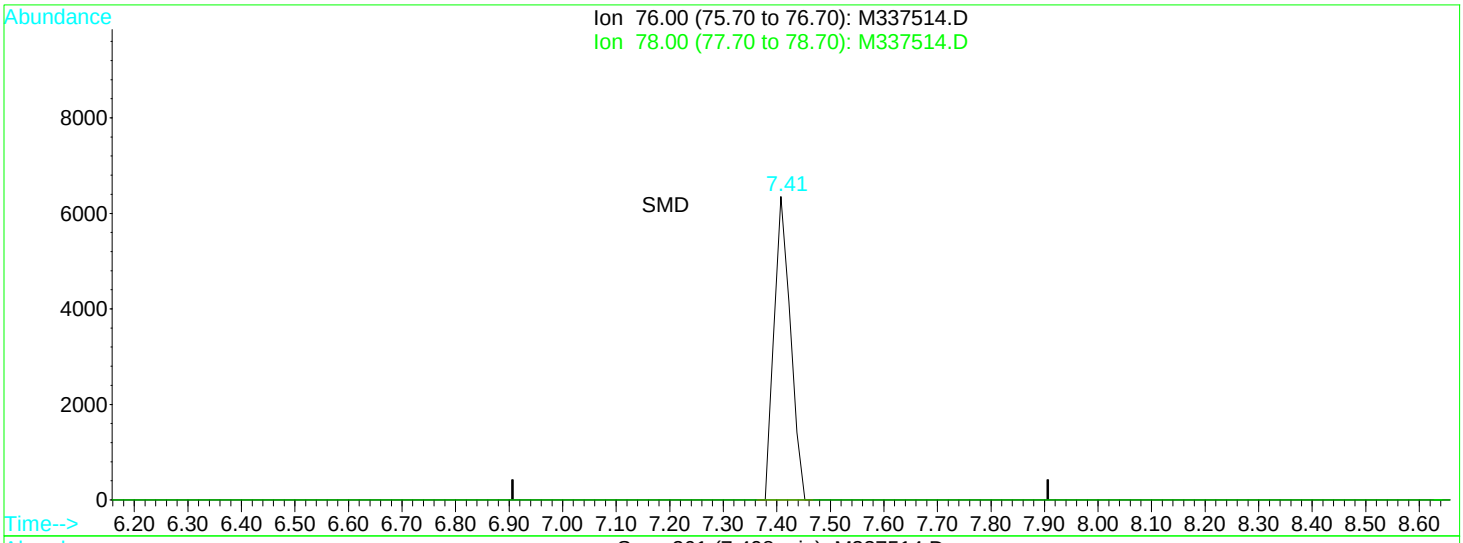
response 2984

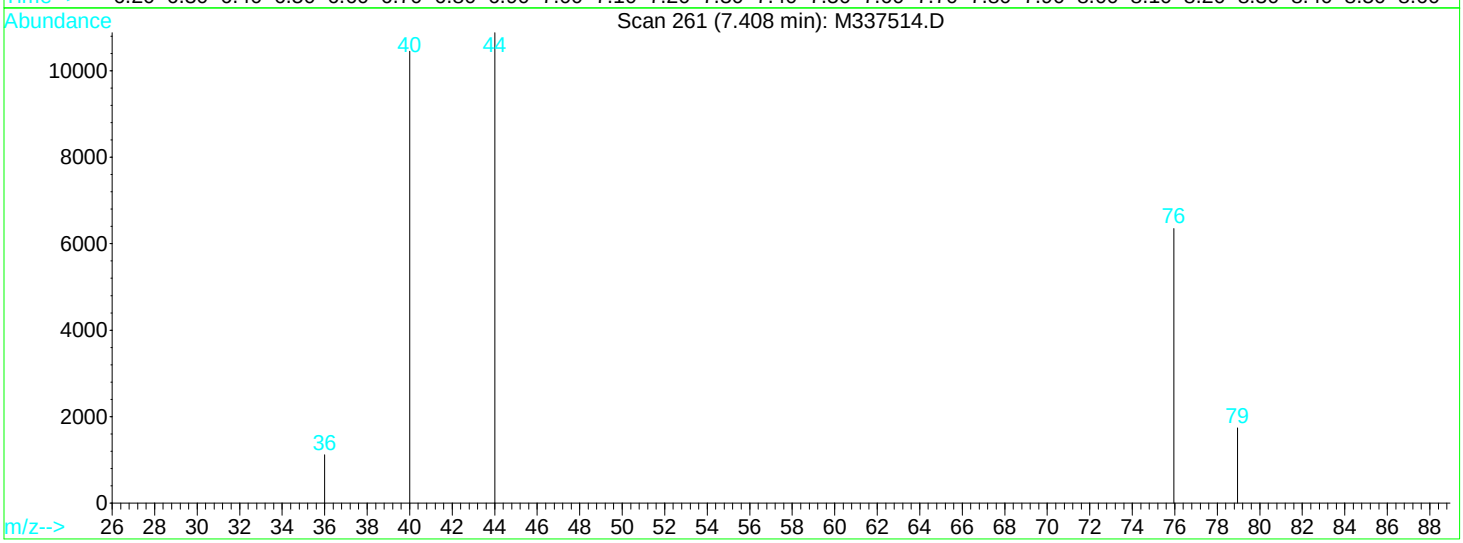
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(15) Carbon Disulfide

7.41min 0.14ug/l

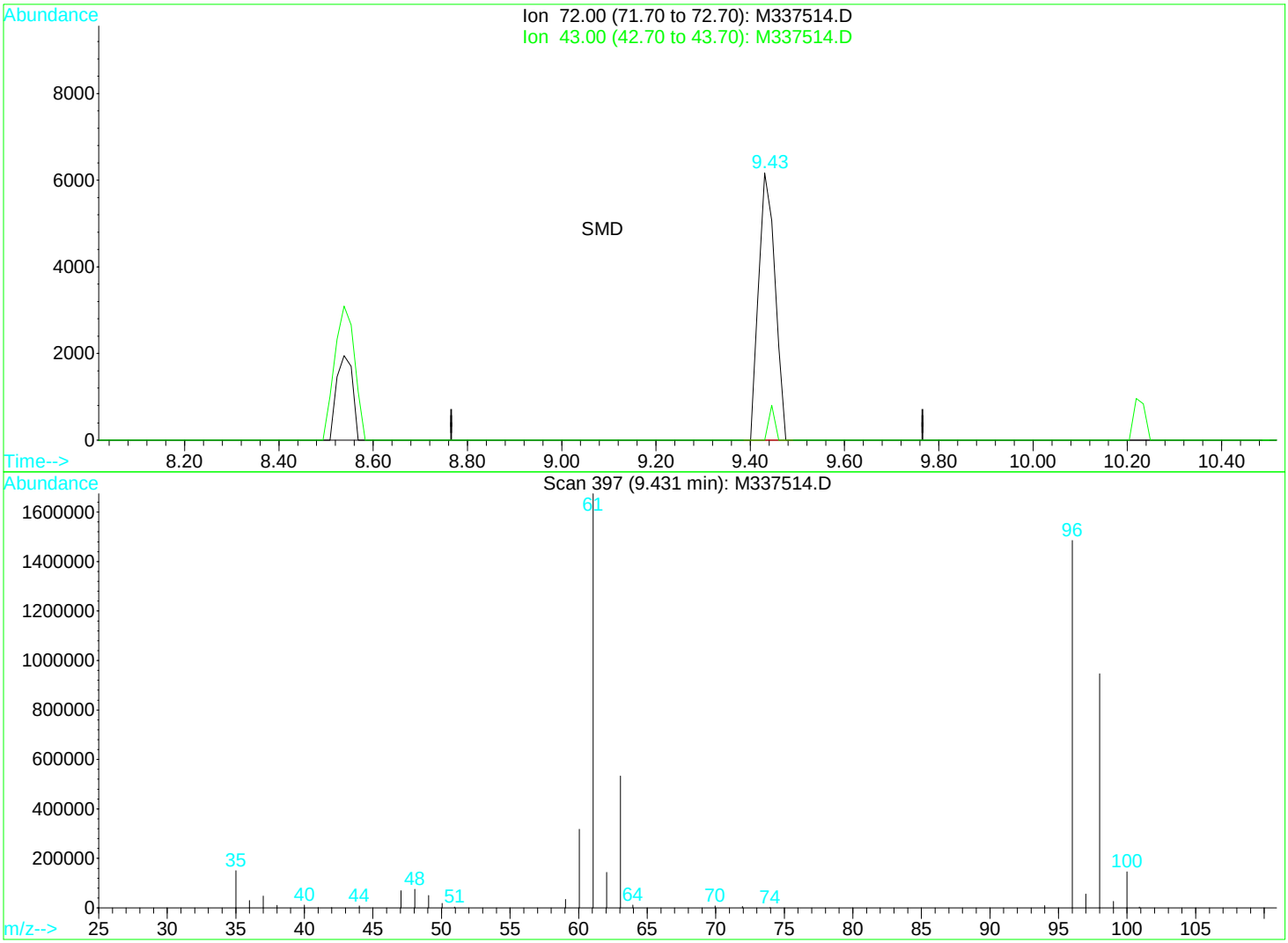
response 13607

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337514.D

(24) 2-Butanone

9.43min 10.37ug/l

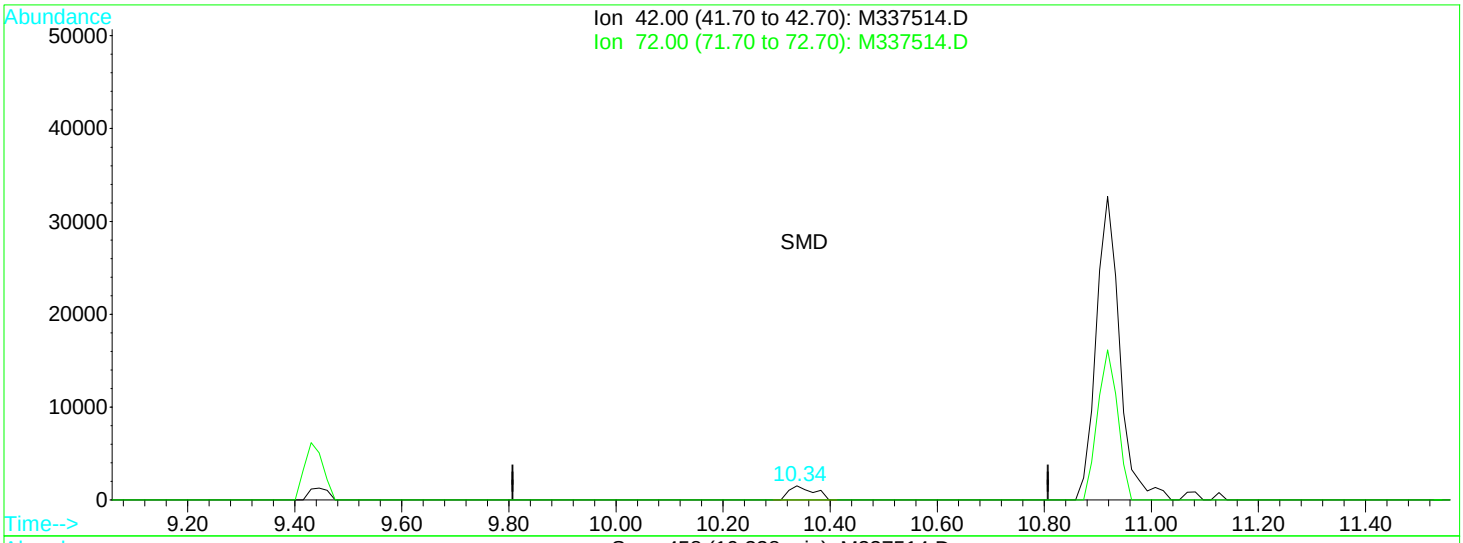
response 14830

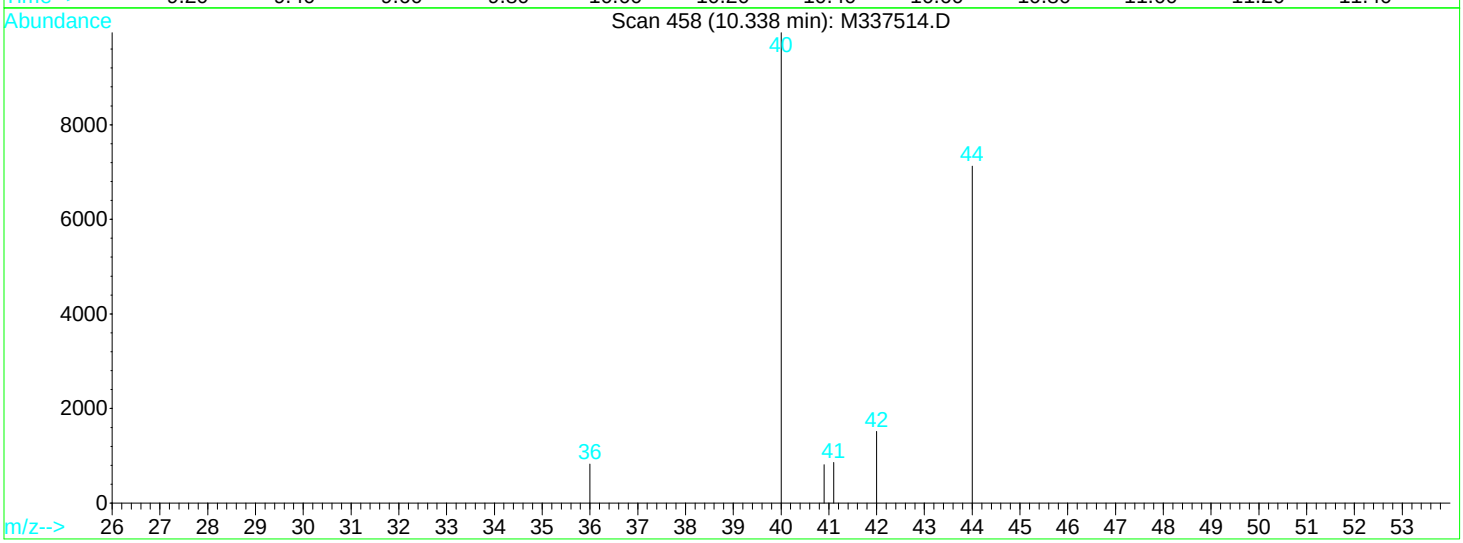
Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(32) Tetrahydrofuran

10.34min 1.05ug/l

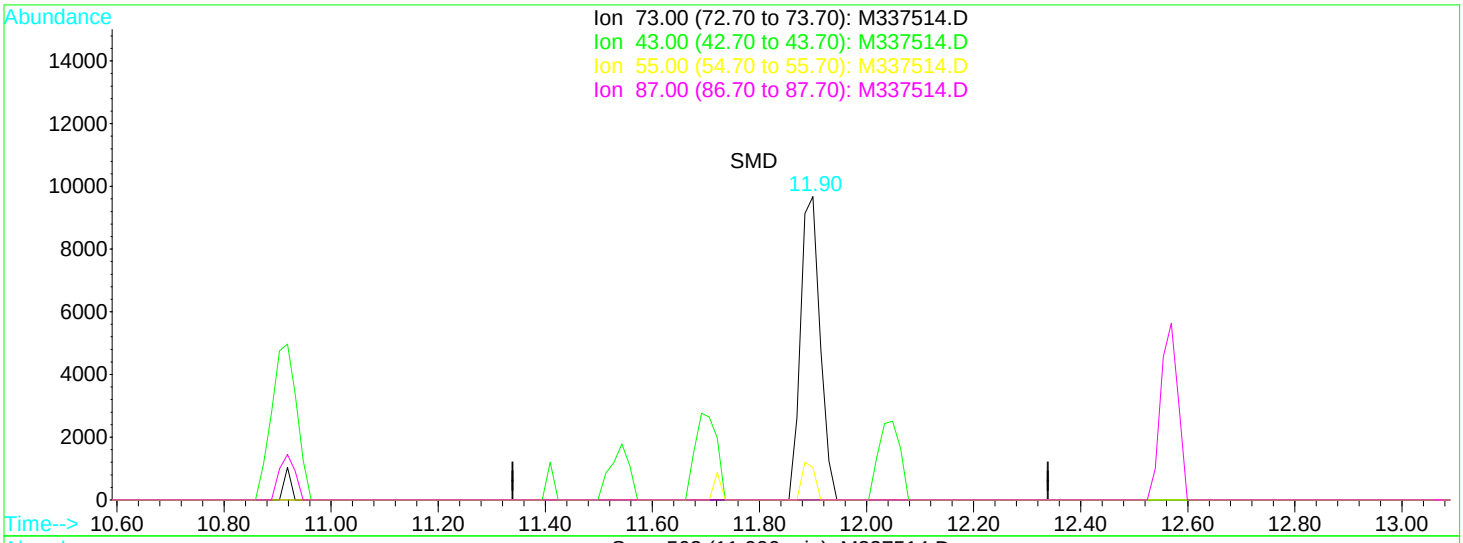
response 4914

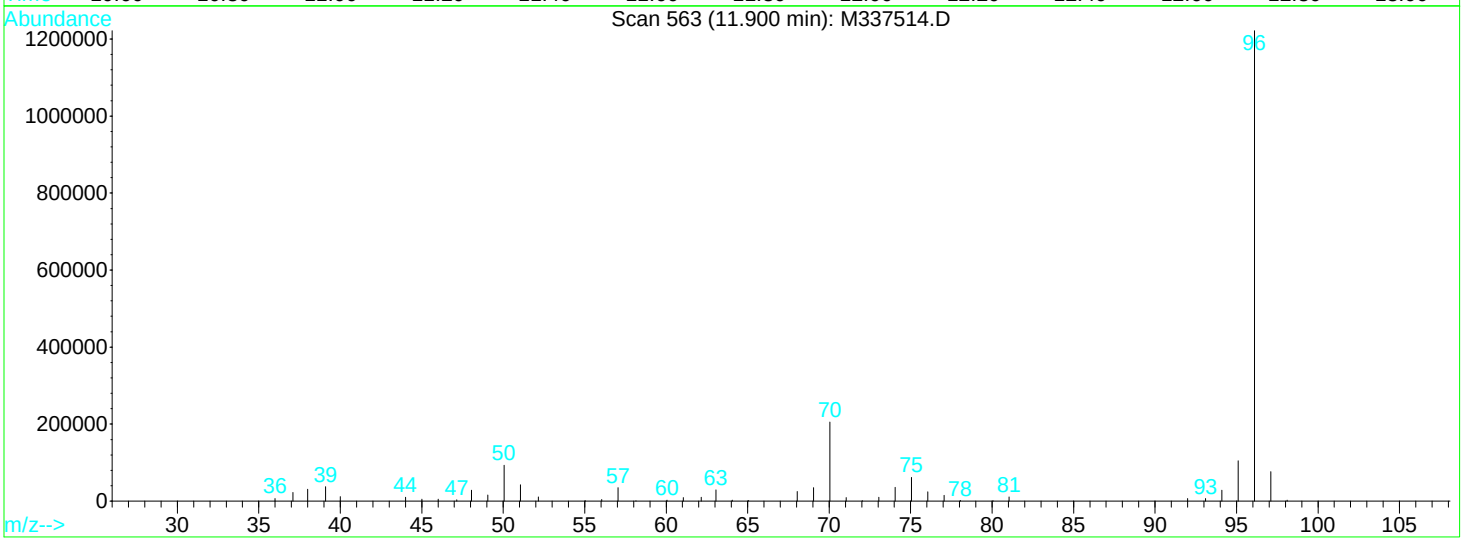
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(43) Tertiary-amyl methyl ether

11.90min 0.52ug/l

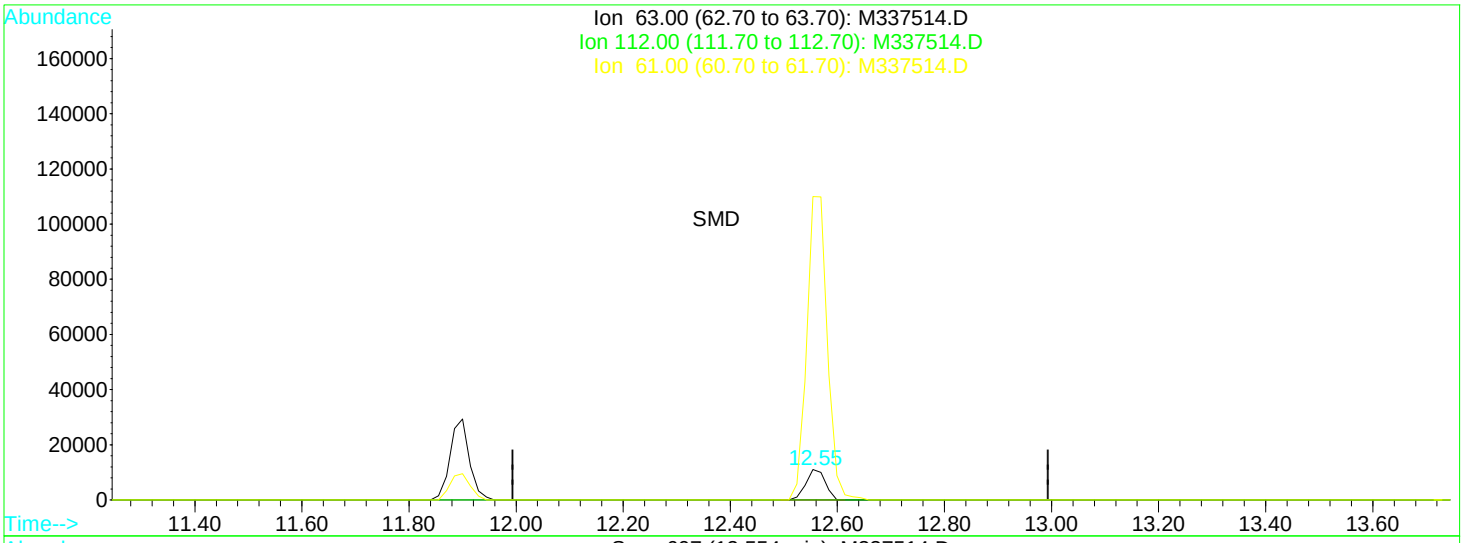
response 24475

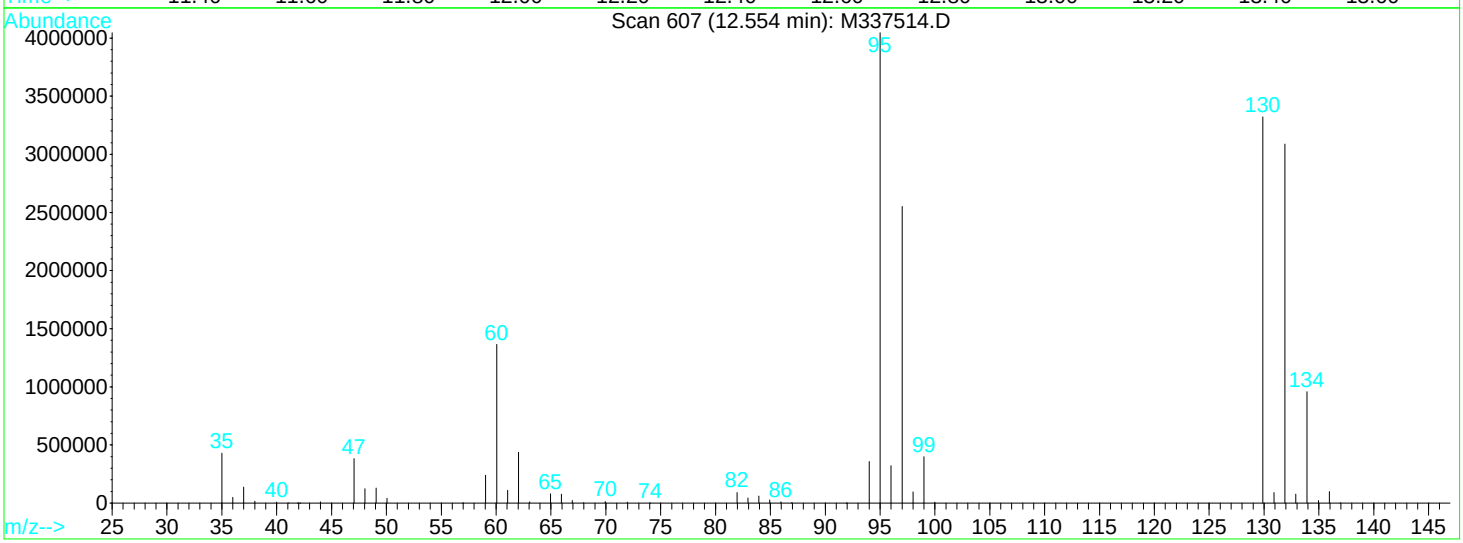
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	10.67
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(45) 1,2-Dichloropropane

12.55min 0.95ug/l

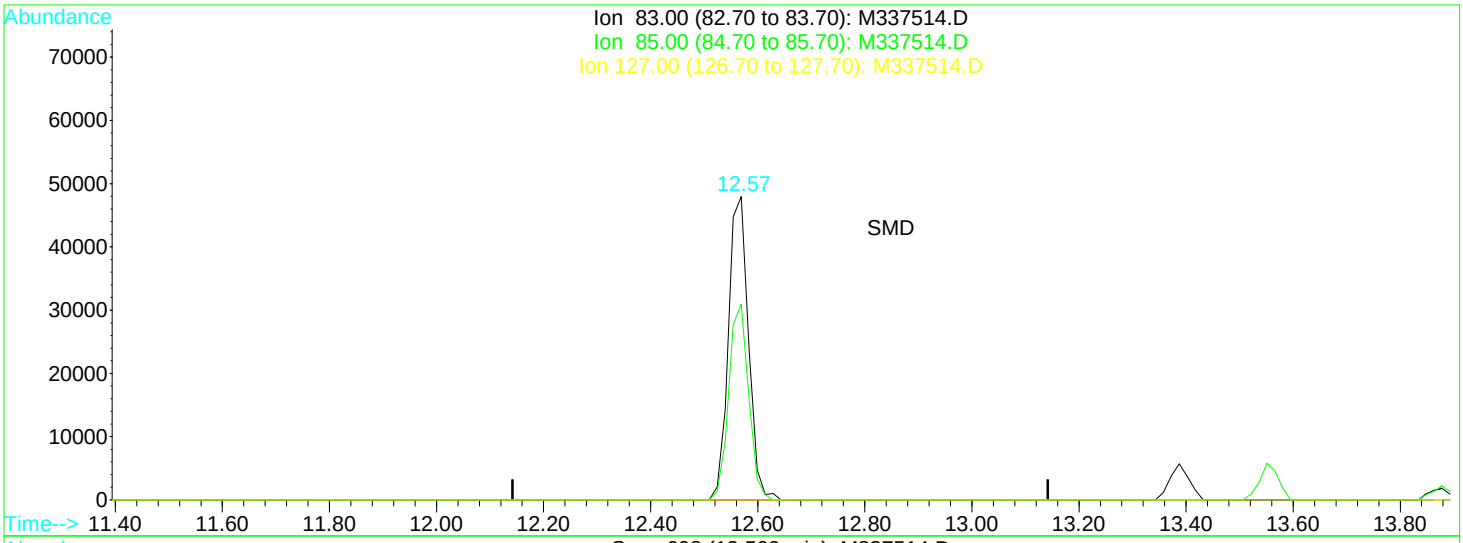
response 27482

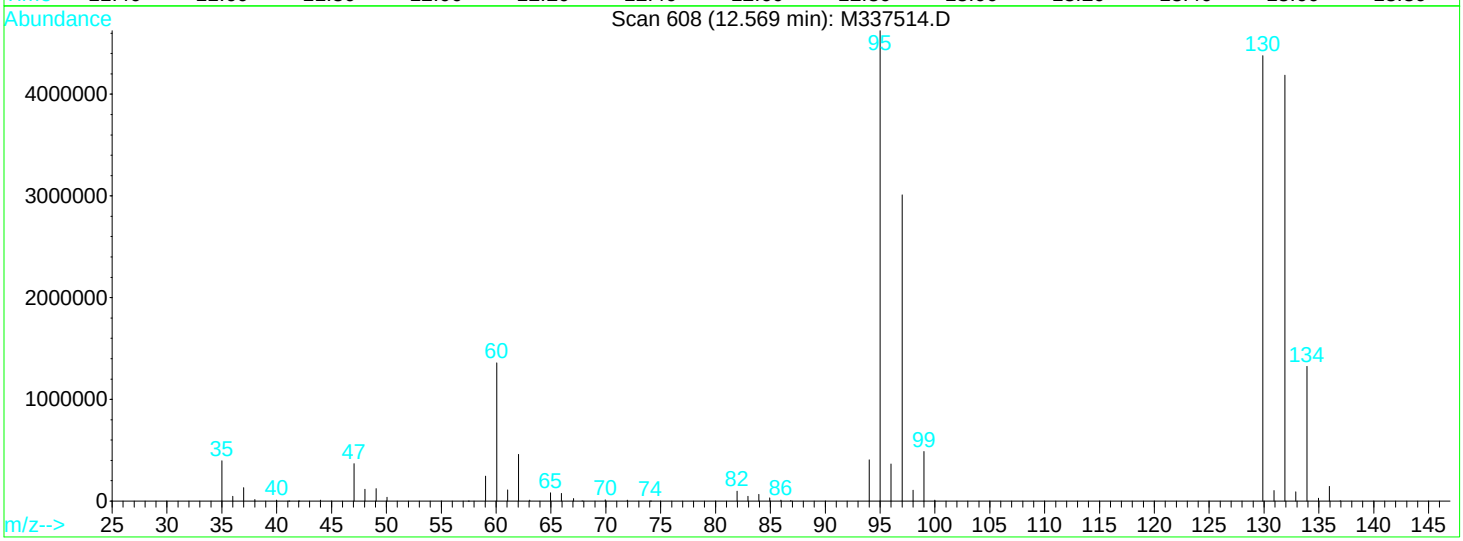
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1002.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(48) Bromodichloromethane

12.57min 3.68ug/l

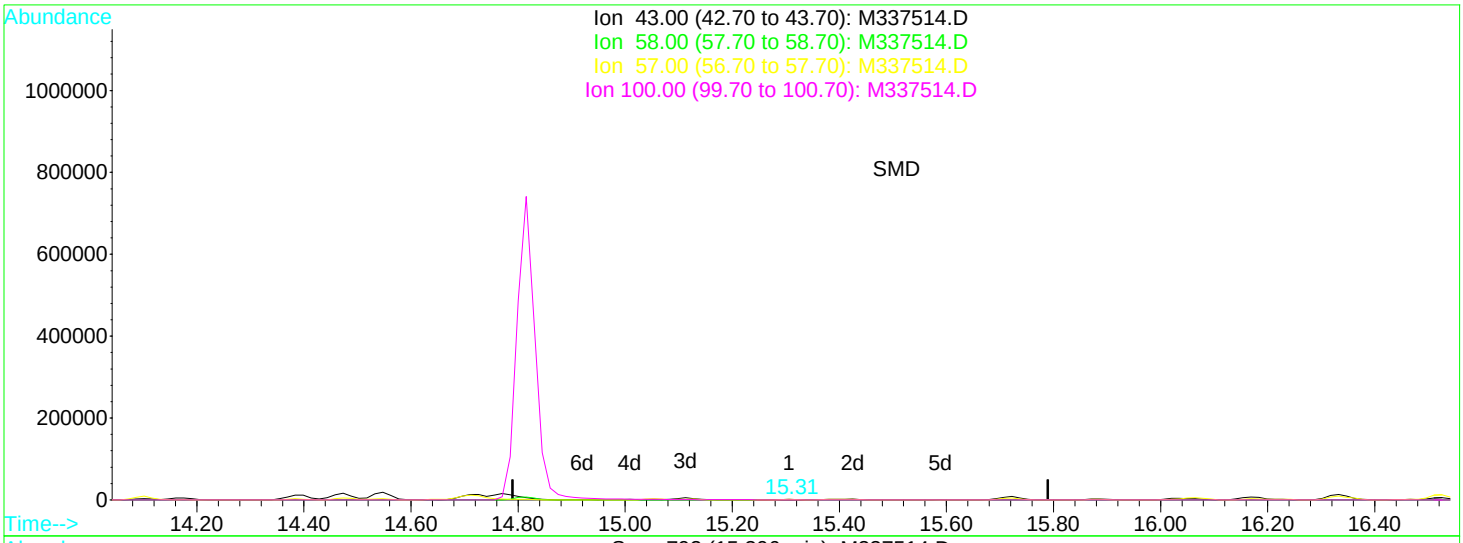
response 124203

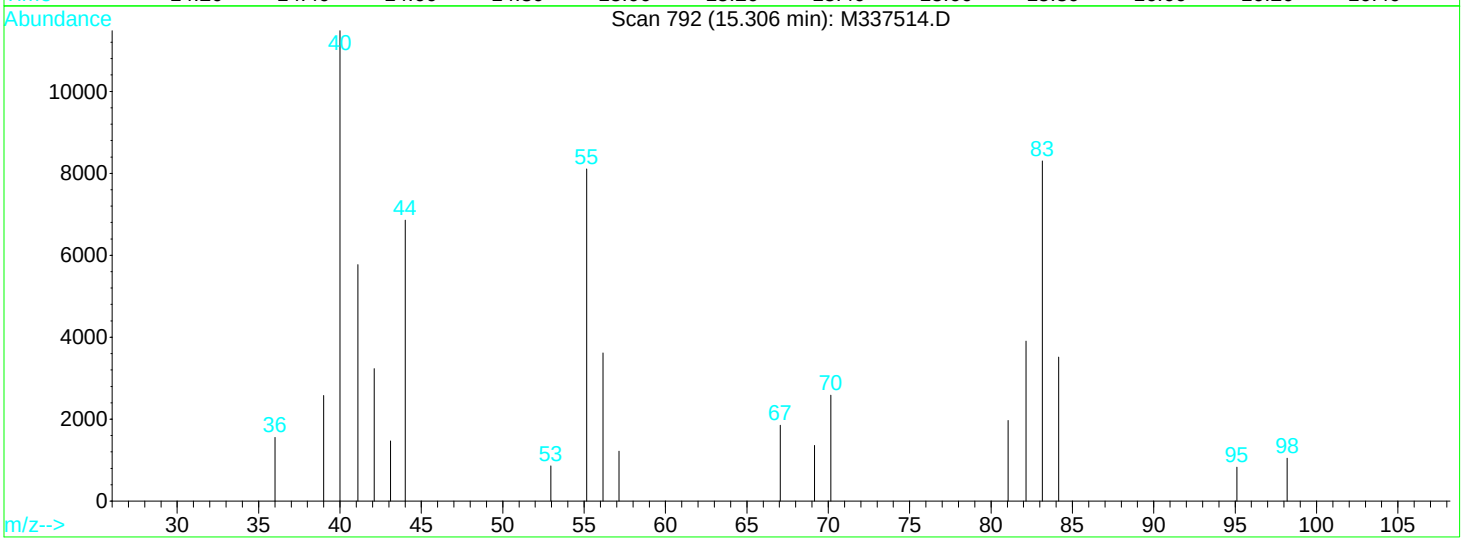
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	64.57
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(61) 2-Hexanone

15.31min 7.98ug/l

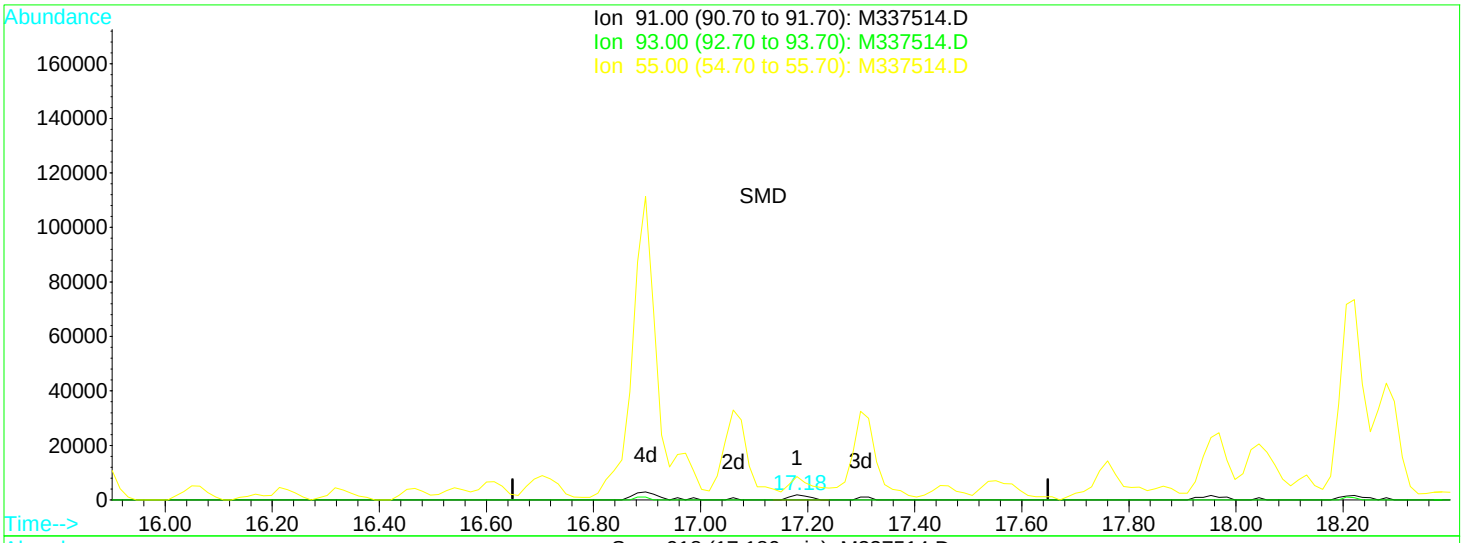
response 3848

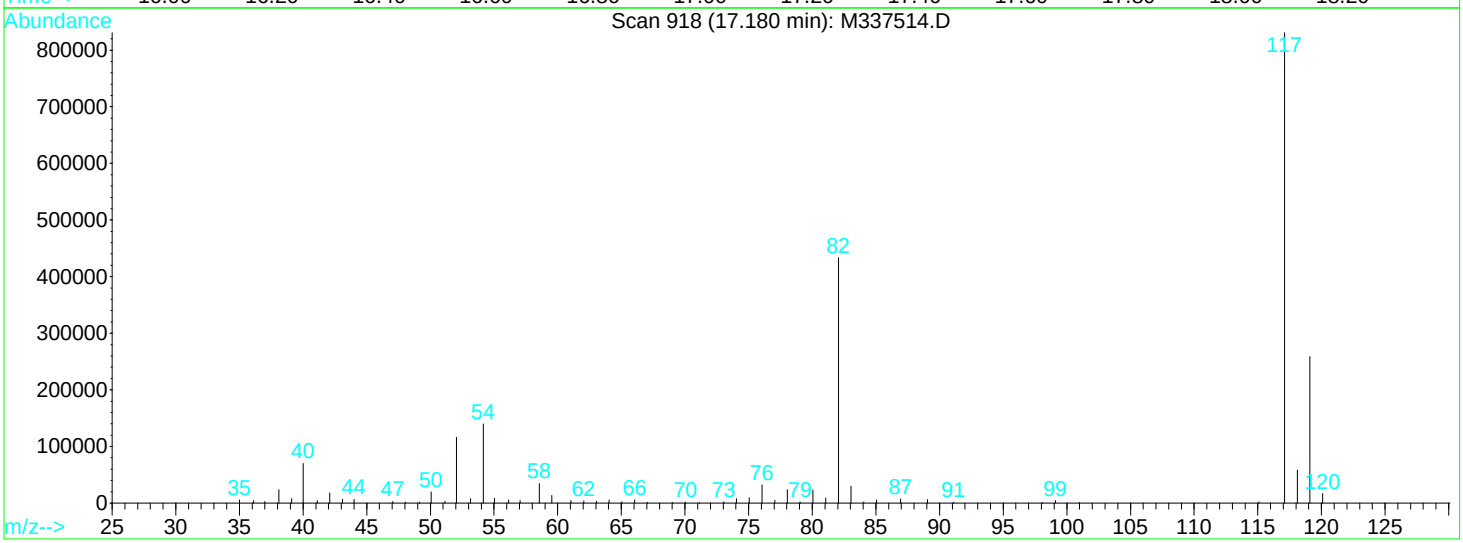
Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	82.96#
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:06 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(66) 1-Chlorohexane

17.18min 0.17ug/l

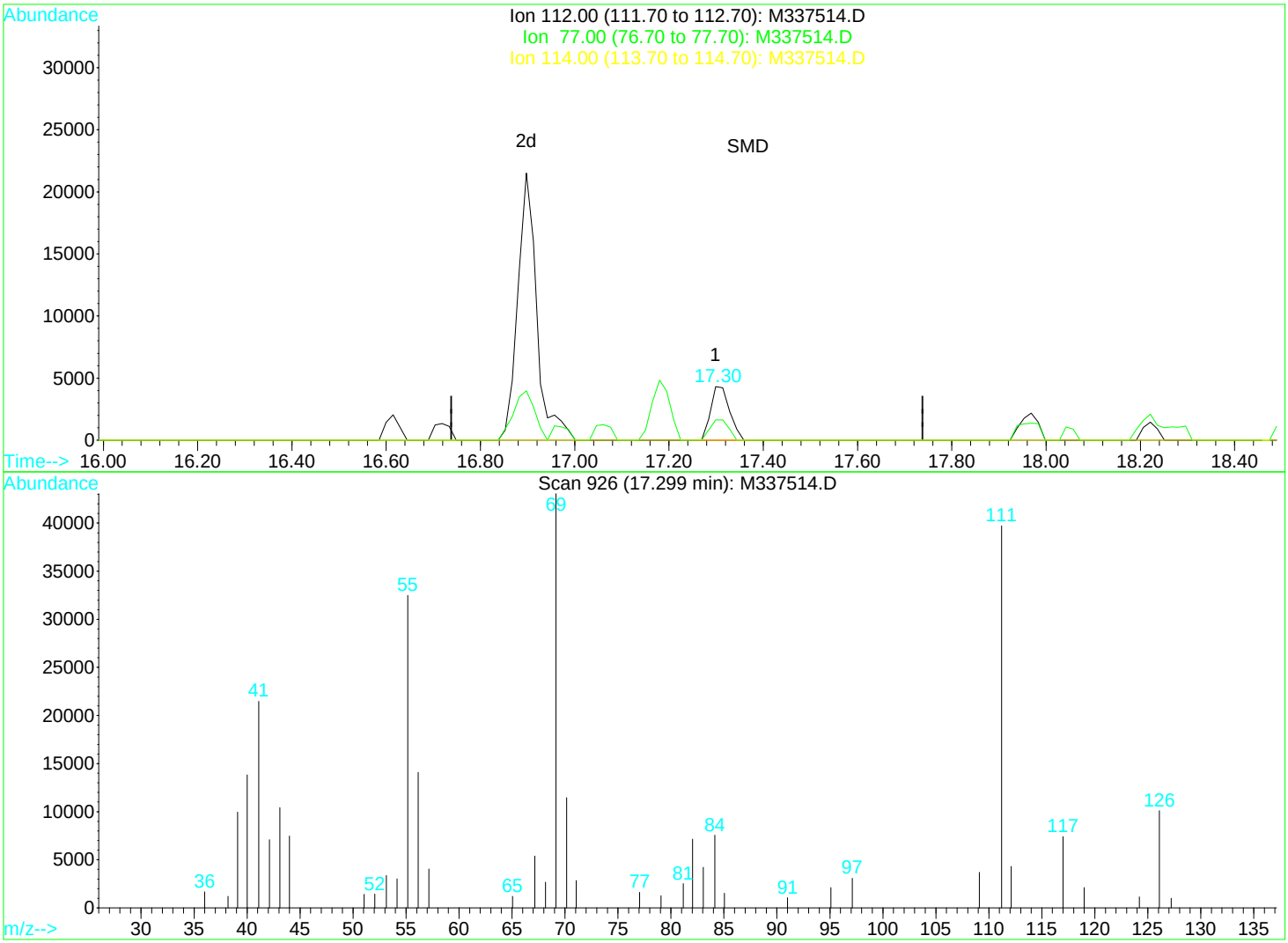
response 4603

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	443.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:07 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337514.D

(67) Chlorobenzene

17.30min 0.14ug/l

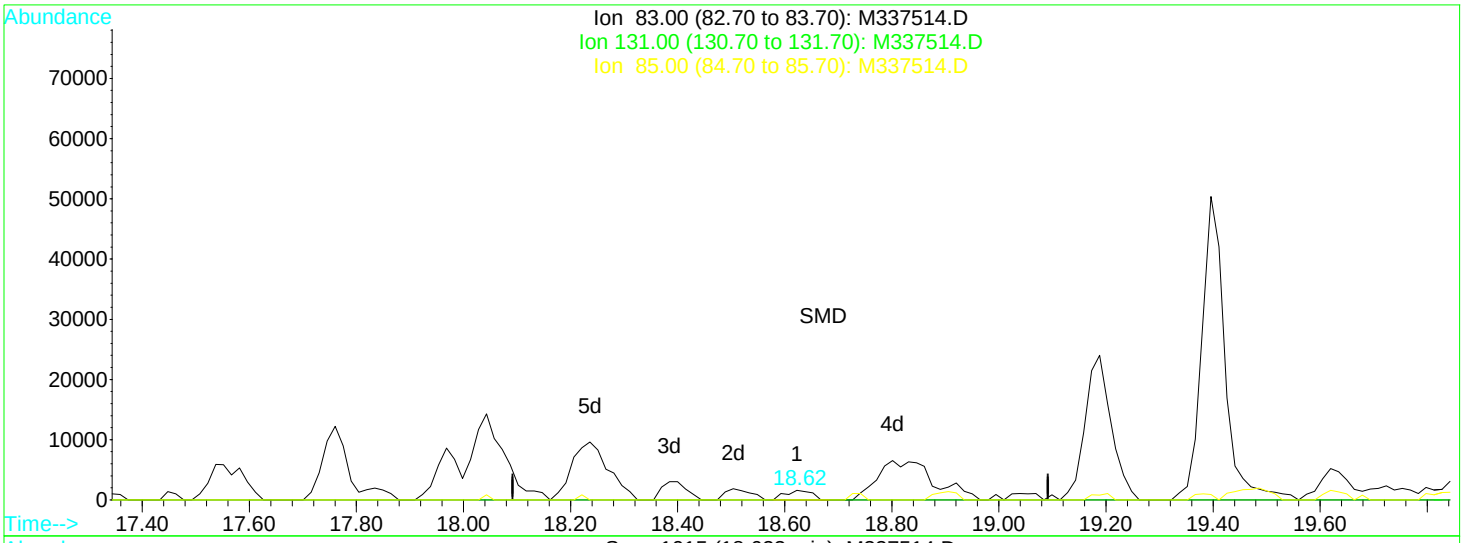
response 11961

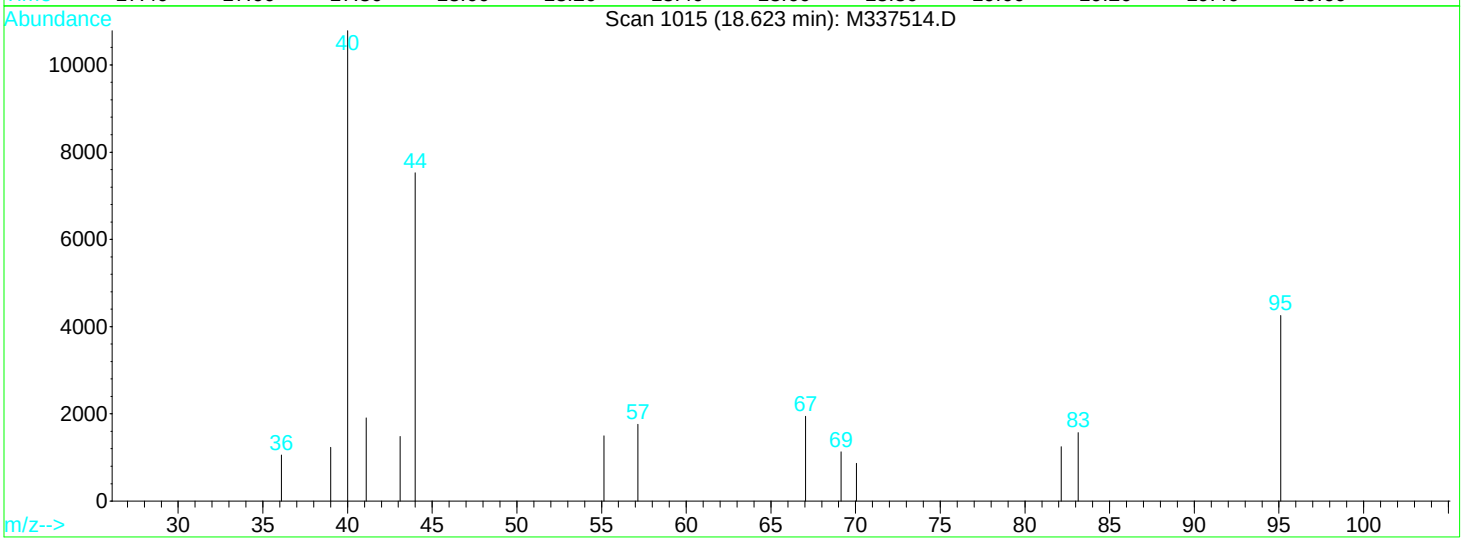
Ion	Exp%	Act%
112.00	100	100
77.00	48.60	37.67
114.00	31.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:07 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(81) 1,1,2,2-Tetrachloroethane

18.62min 0.18ug/l

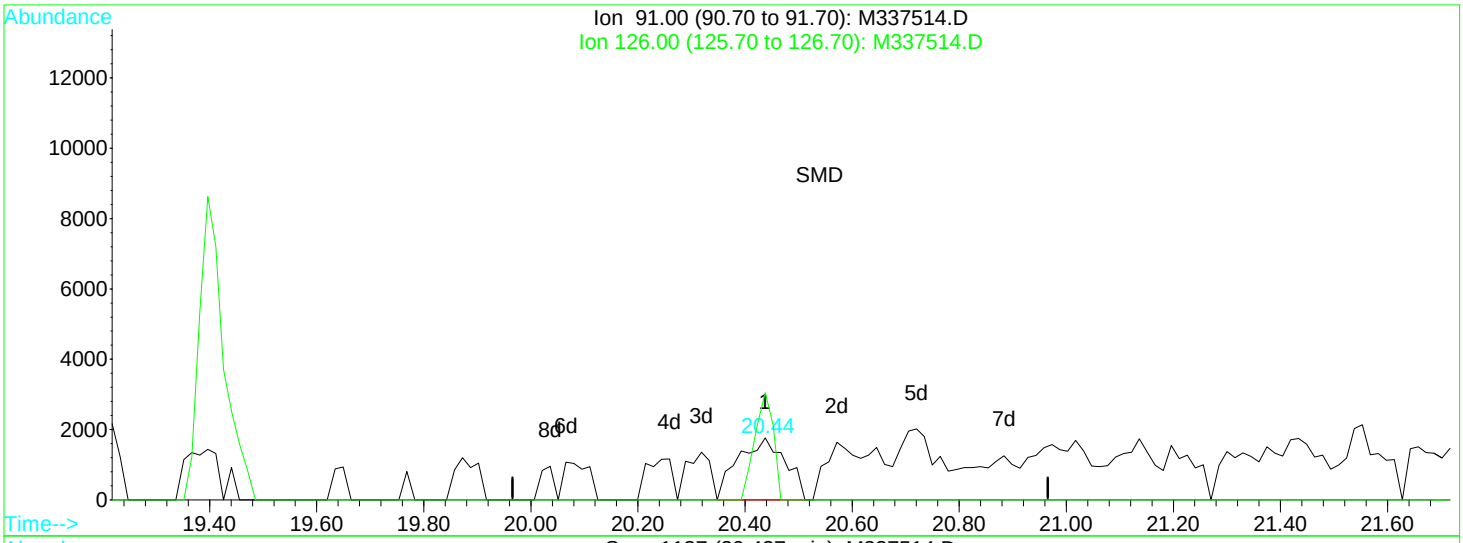
response 5439

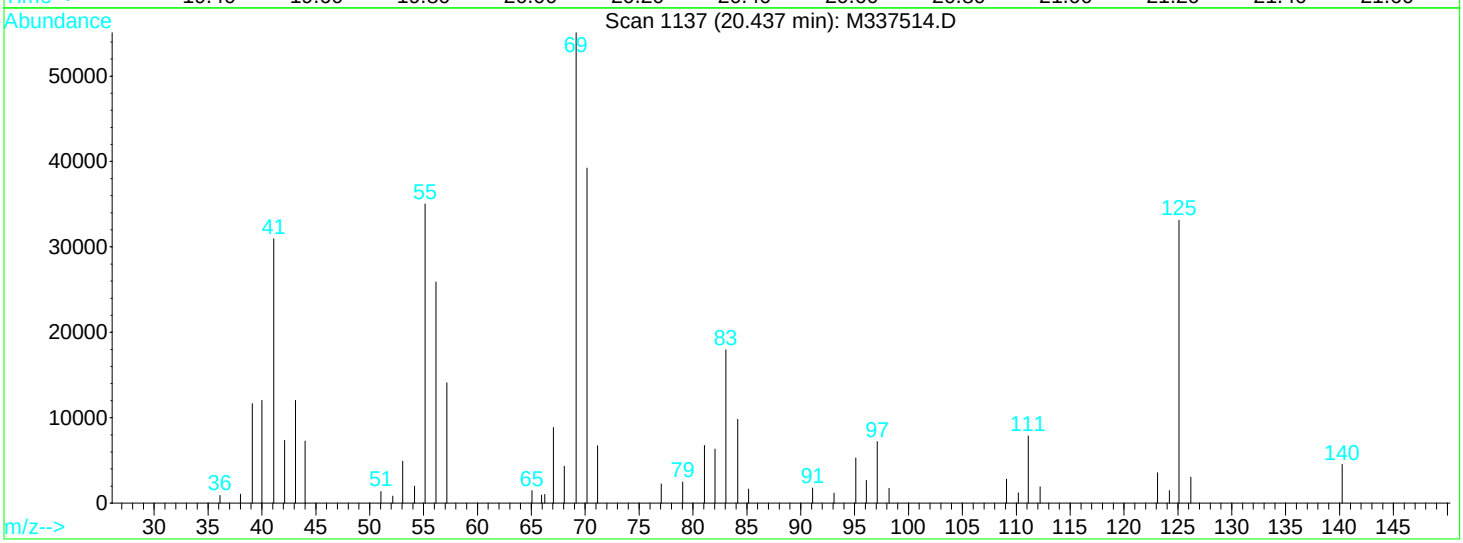
Ion	Exp%	Act%
83.00	100	100
131.00	7.30	0.00
85.00	65.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:07 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(84) 4-Chlorotoluene

20.44min 0.14ug/l

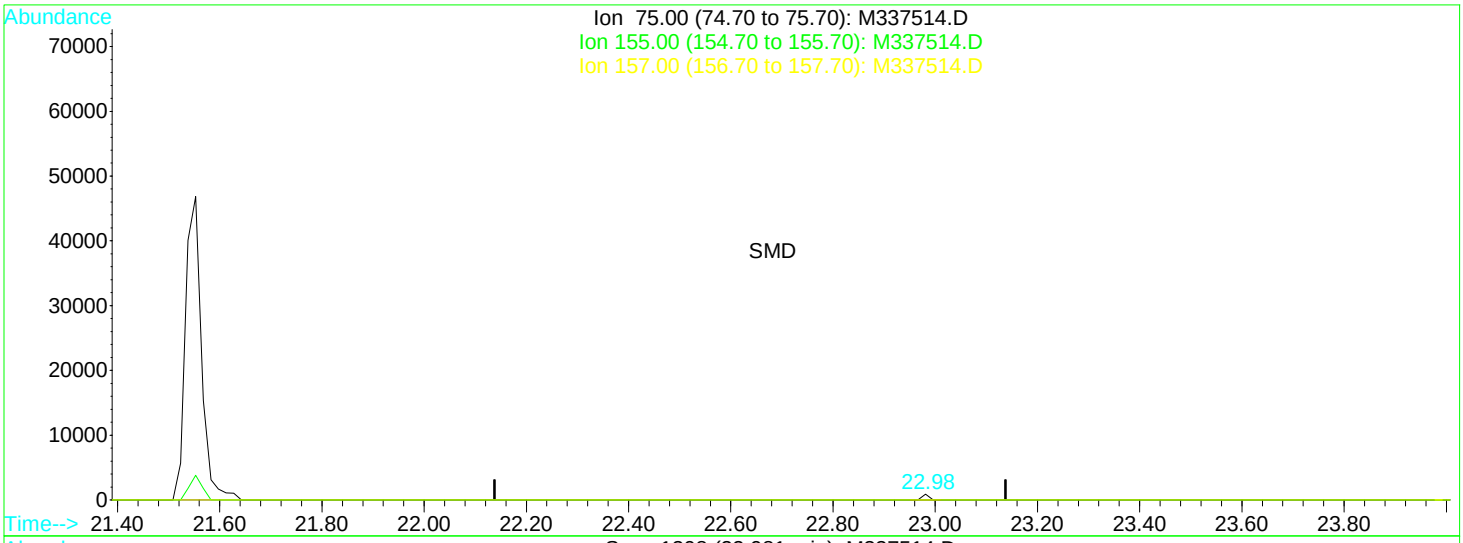
response 10830

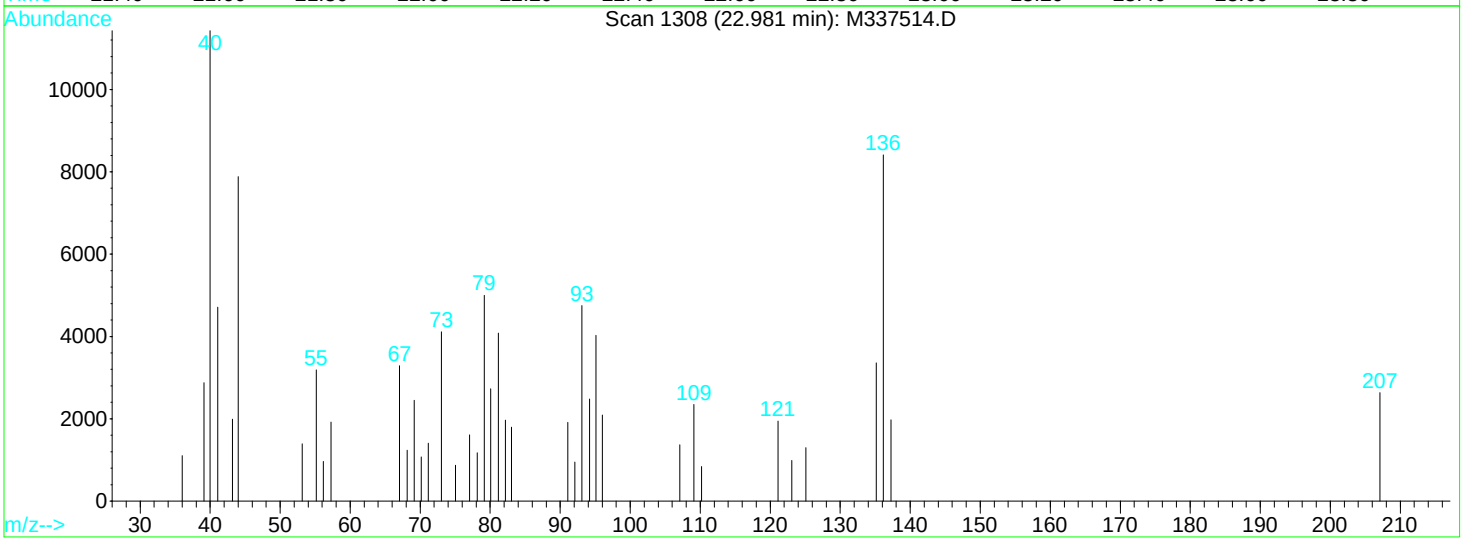
Ion	Exp%	Act%
91.00	100	100
126.00	30.20	173.02#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:07 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337514.D

(95) 1,2-Dibromo-3-Chloropropane

22.98min 0.29ug/l

response 778

Ion	Exp%	Act%
75.00	100	100
155.00	83.00	0.00#
157.00	101.70	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:07 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

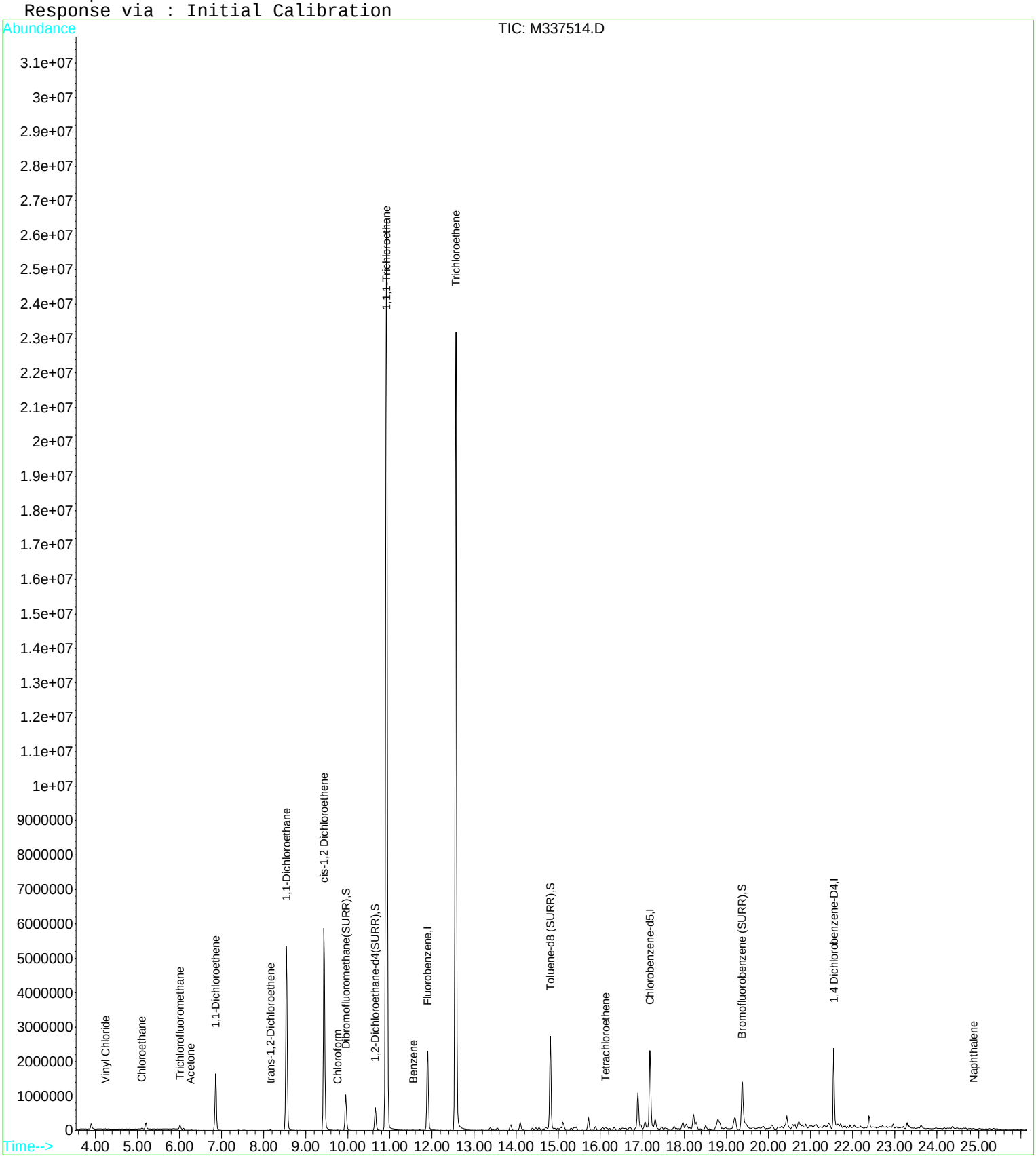
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	3015481	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	2129629	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	803265	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	858947	23.06	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.24%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	486159	23.81	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.24%			
59) Toluene-d8 (SURR)	14.82	98	2602421	23.70	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.80%			
75) Bromofluorobenzene (SURR)	19.37	95	895655	23.77	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.08%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.24	62	9645	0.38	ug/l	75
6) Chloroethane	5.10	64	35139	2.44	ug/l	98
7) Trichlorofluoromethane	6.01	101	110718	3.20	ug/l	96
10) Acetone	6.26	58	721	0.58	ug/l #	79
16) 1,1-Dichloroethene	6.86	96	909732	32.27	ug/l	96
20) trans-1,2-Dichloroethene	8.17	96	11081	0.35	ug/l	96
21) 1,1-Dichloroethane	8.54	63	6561861	137.93	ug/l	97
27) cis-1,2 Dichloroethene	9.43	96	3685161	100.97	ug/l	97
33) Chloroform	9.76	83	12425	0.26	ug/l	72
36) 1,1,1-Trichloroethane	10.92	97	21961483	639.93	ug/l	67
40) Benzene	11.56	78	10487	0.09	ug/l	100
44) Trichloroethene	12.57	95	11645892	370.58	ug/l	98
63) Tetrachloroethene	16.12	164	26167	1.32	ug/l	96
100) Naphthalene	24.87	128	5798	0.14	ug/l	100

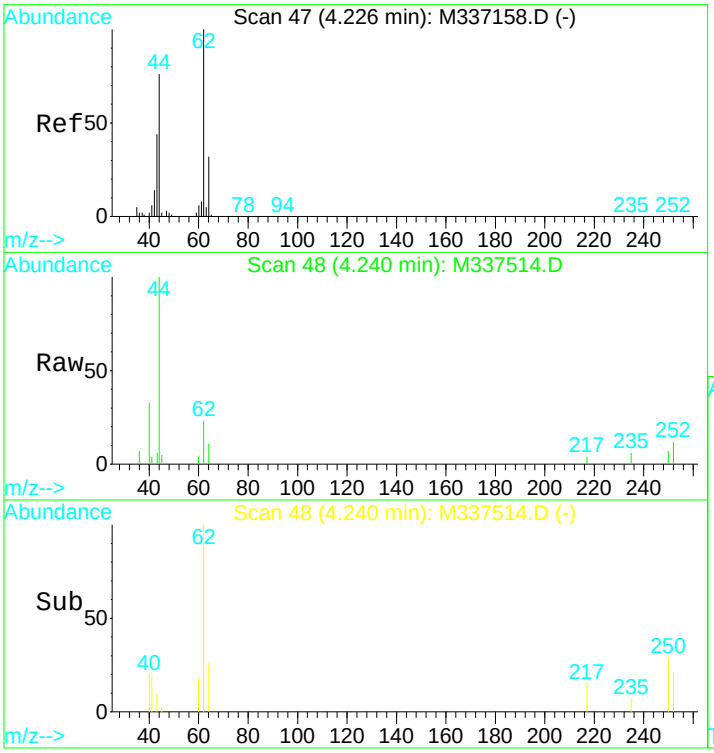
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337514.D Vial: 15
Acq On : 4 Dec 2009 3:37 pm Operator: MD
Sample : 0912038-08 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:07 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

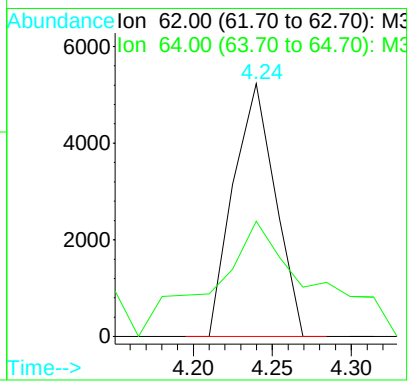


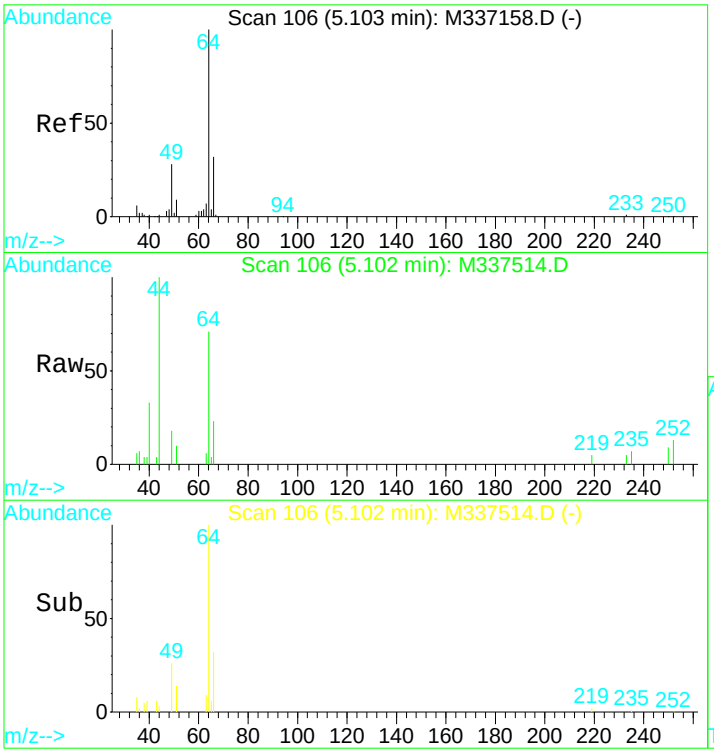


#4
Vinyl Chloride
Concen: 0.38 ug/l
RT: 4.24 min Scan# 48
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 62 Resp: 9645

Ion	Ratio	Lower	Upper
62	100		
64	45.6	1.8	61.8

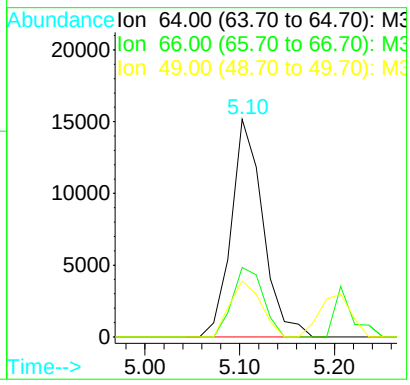


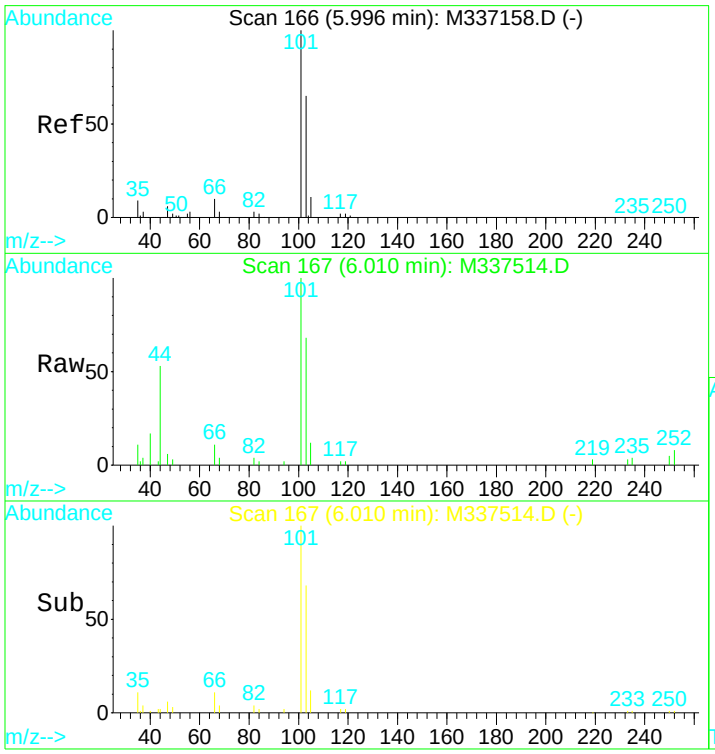


#6
Chloroethane
Concen: 2.44 ug/l
RT: 5.10 min Scan# 106
Delta R.T. -0.01 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 64 Resp: 35139

Ion	Ratio	Lower	Upper
64	100		
66	31.9	2.1	62.1
49	25.7	0.0	58.1

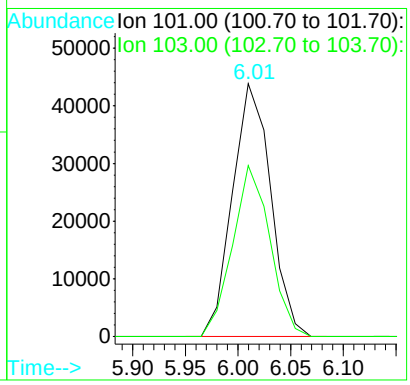


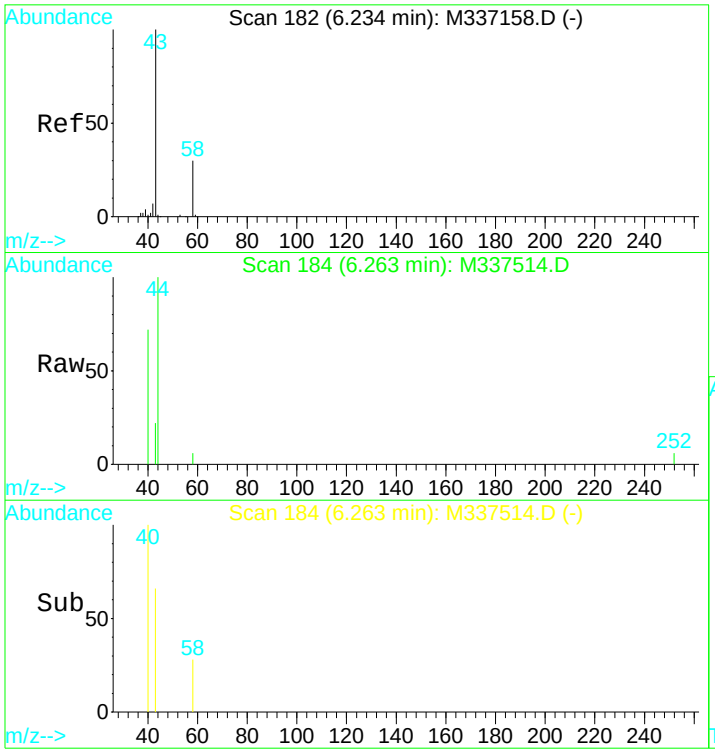


#7
Trichlorofluoromethane
Concen: 3.20 ug/l
RT: 6.01 min Scan# 167
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion:101 Resp: 110718

Ion	Ratio	Lower	Upper
101	100		
103	67.6	34.5	94.5

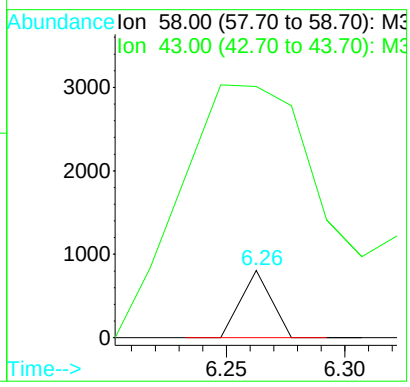


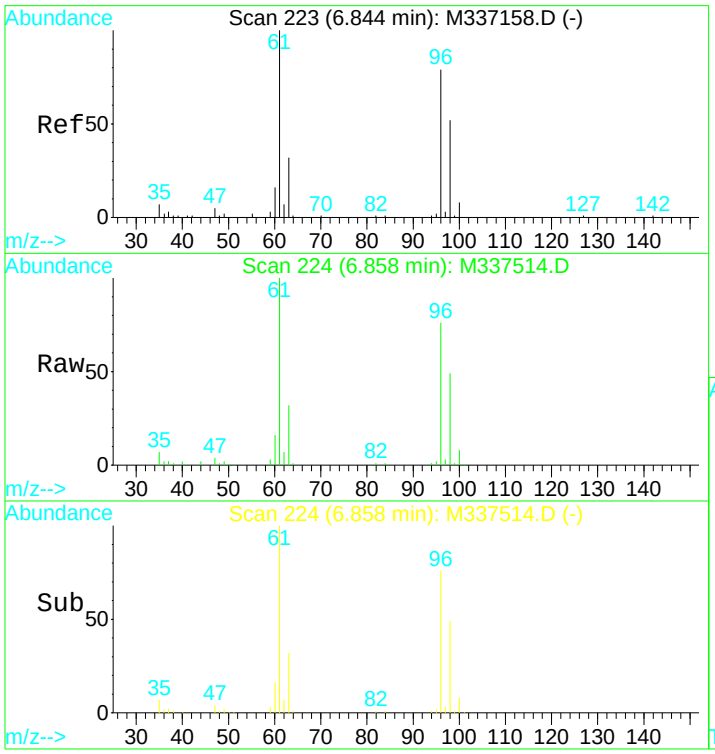


#10
Acetone
Concen: 0.58 ug/l
RT: 6.26 min Scan# 184
Delta R.T. 0.02 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 58 Resp: 721

Ion	Ratio	Lower	Upper
58	100		
43	372.9	298.2	358.2#

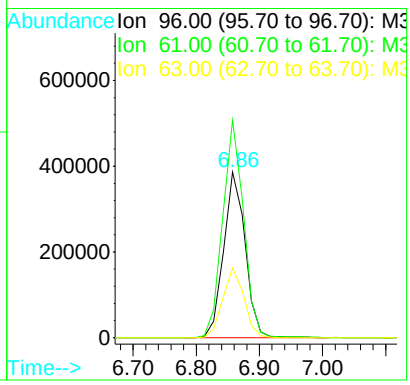


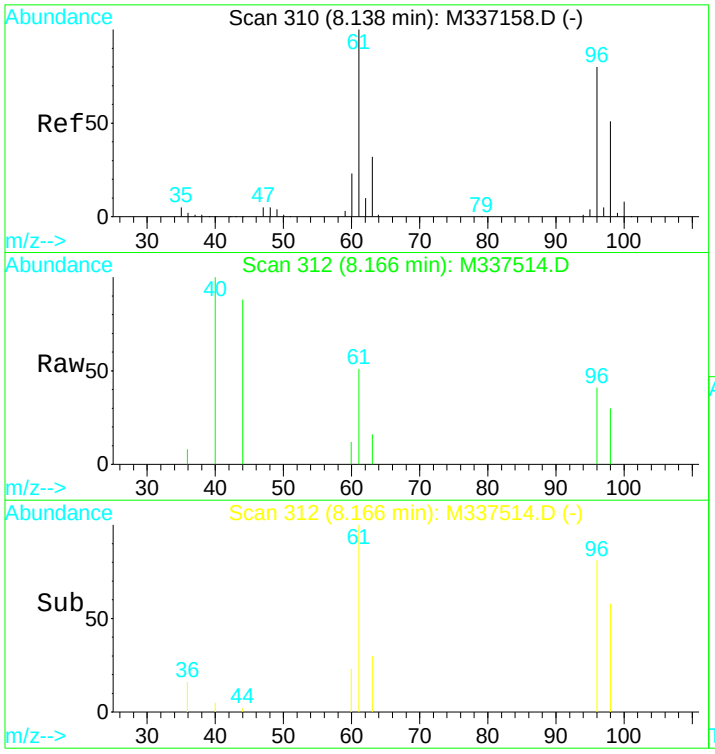


#16
1,1-Dichloroethene
Concen: 32.27 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 96 Resp: 909732

Ion	Ratio	Lower	Upper
96	100		
61	131.3	96.1	156.1
63	42.0	10.0	70.0

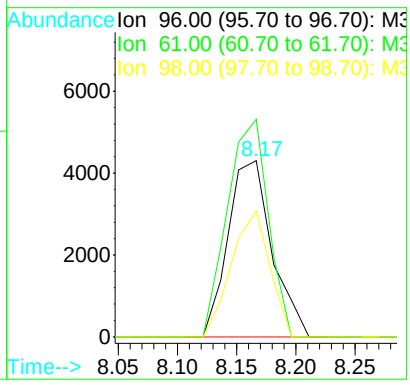


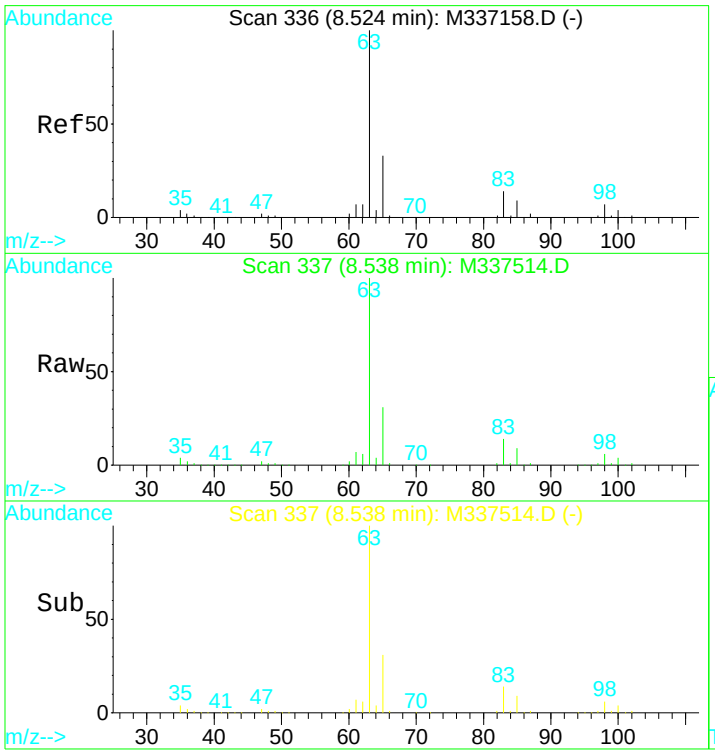


#20
trans-1,2-Dichloroethene
Concen: 0.35 ug/l
RT: 8.17 min Scan# 312
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 96 Resp: 11081

Ion	Ratio	Lower	Upper
96	100		
61	123.5	95.0	155.0
98	71.5	33.4	93.4

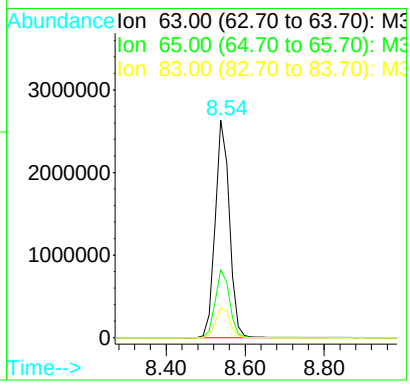


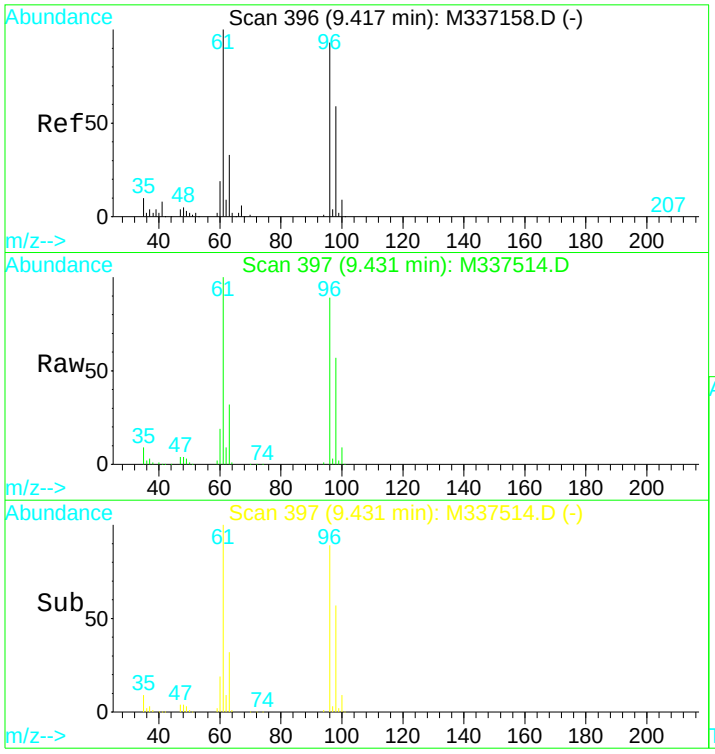


#21
1,1-Dichloroethane
Concen: 137.93 ug/l
RT: 8.54 min Scan# 337
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 63 Resp: 6561861

Ion	Ratio	Lower	Upper
63	100		
65	31.2	2.9	62.9
83	13.7	0.0	44.2

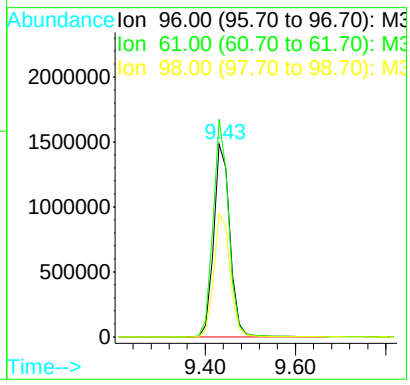


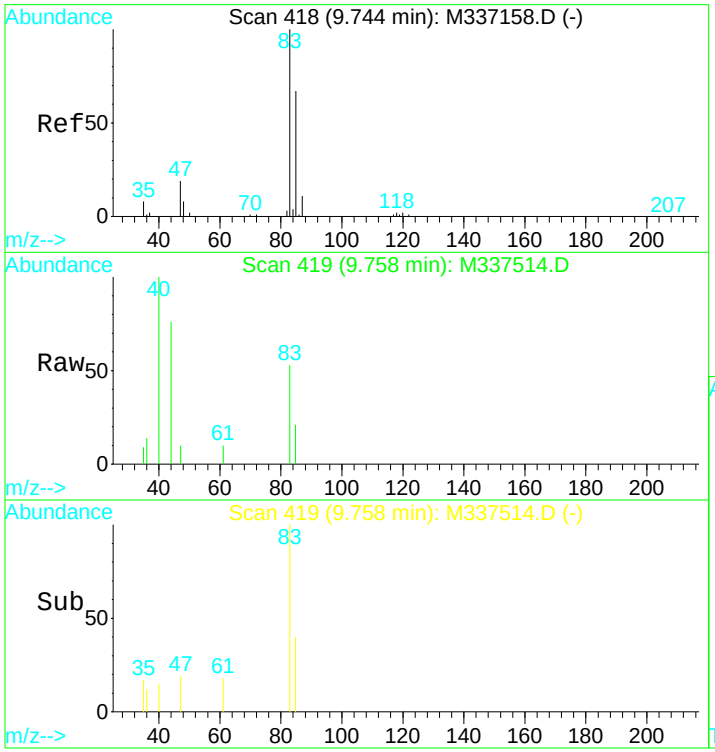


#27
cis-1,2 Dichloroethene
Concen: 100.97 ug/l
RT: 9.43 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 96 Resp: 3685161

Ion	Ratio	Lower	Upper
96	100		
61	112.8	77.5	137.5
98	63.8	33.9	93.9

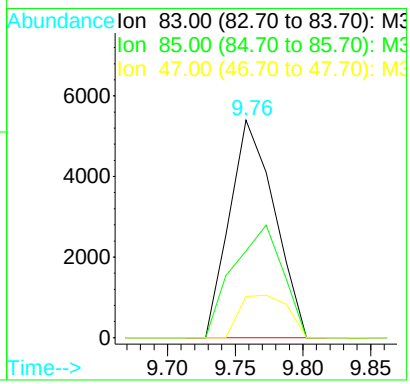


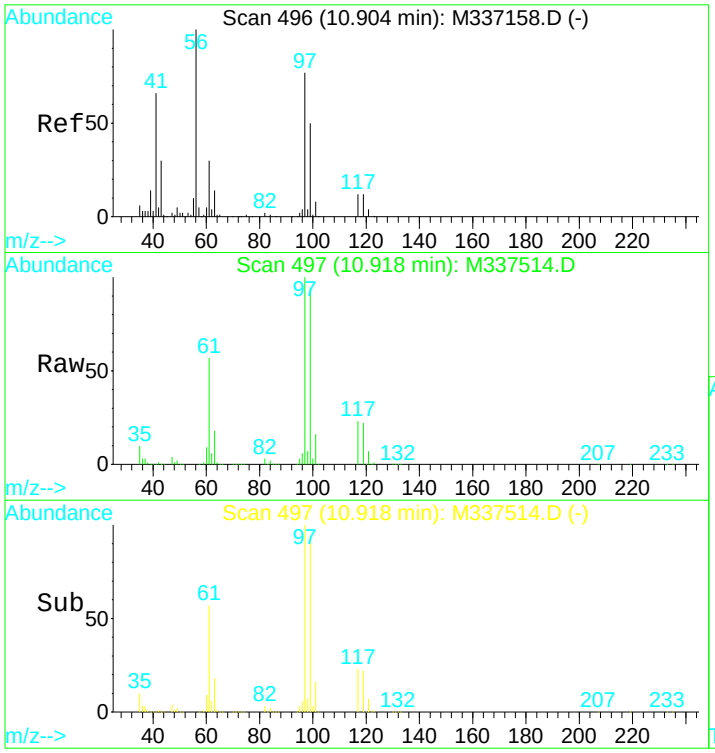


#33
Chloroform
Concen: 0.26 ug/l
RT: 9.76 min Scan# 419
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 83 Resp: 12425

Ion	Ratio	Lower	Upper
83	100		
85	39.8	37.1	97.1
47	18.9	0.0	53.5

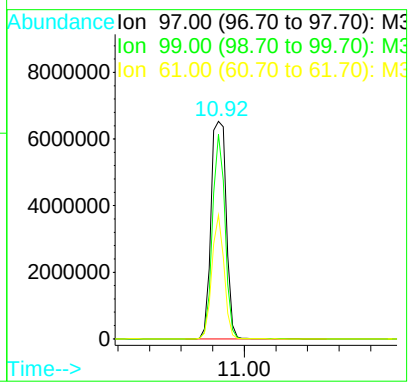


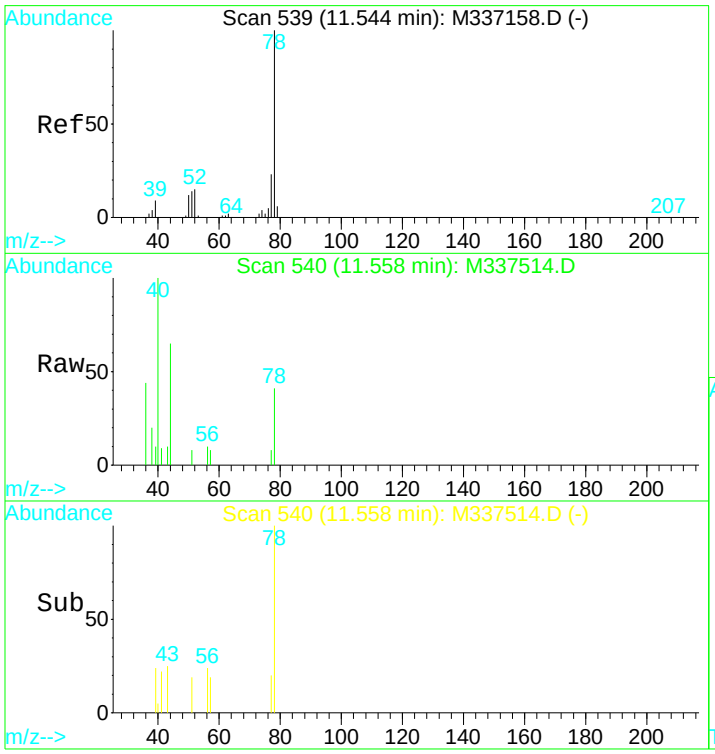


#36
1,1,1-Trichloroethane
Concen: 639.93 ug/l
RT: 10.92 min Scan# 497
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 97 Resp:21961483

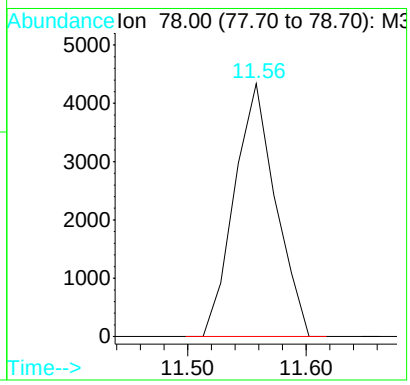
Ion	Ratio	Lower	Upper
97	100		
99	93.9	34.9	94.9
61	56.9	9.8	69.8

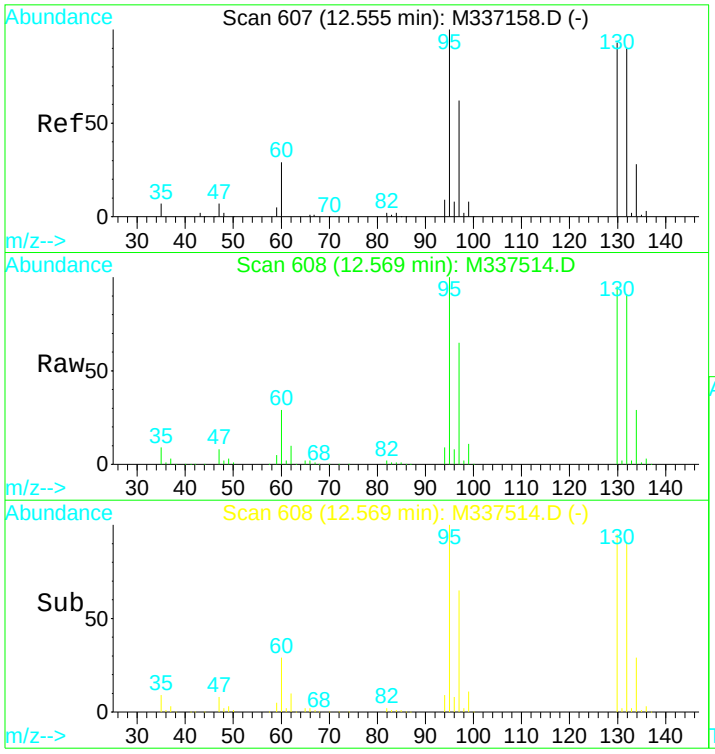




#40
Benzene
Concen: 0.09 ug/l
RT: 11.56 min Scan# 540
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 78 Resp: 10487

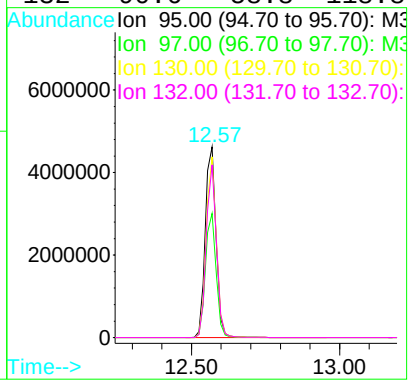


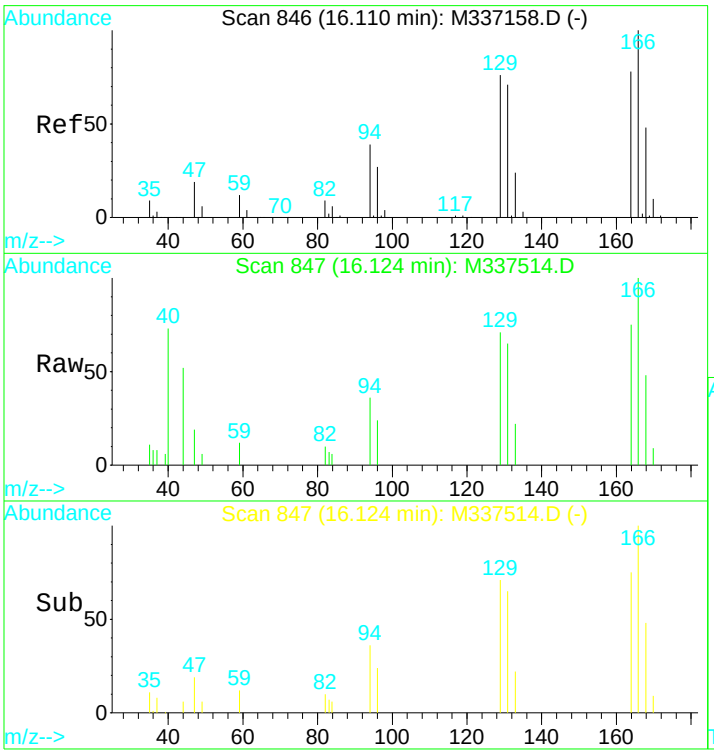


#44
Trichloroethene
Concen: 370.58 ug/l
RT: 12.57 min Scan# 608
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion: 95 Resp:11645892

Ion	Ratio	Lower	Upper
95	100		
97	65.1	35.0	95.0
130	94.7	62.7	122.7
132	90.6	58.8	118.8

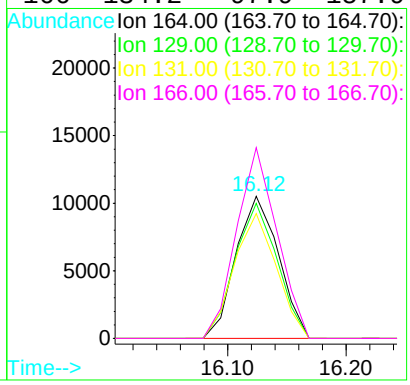


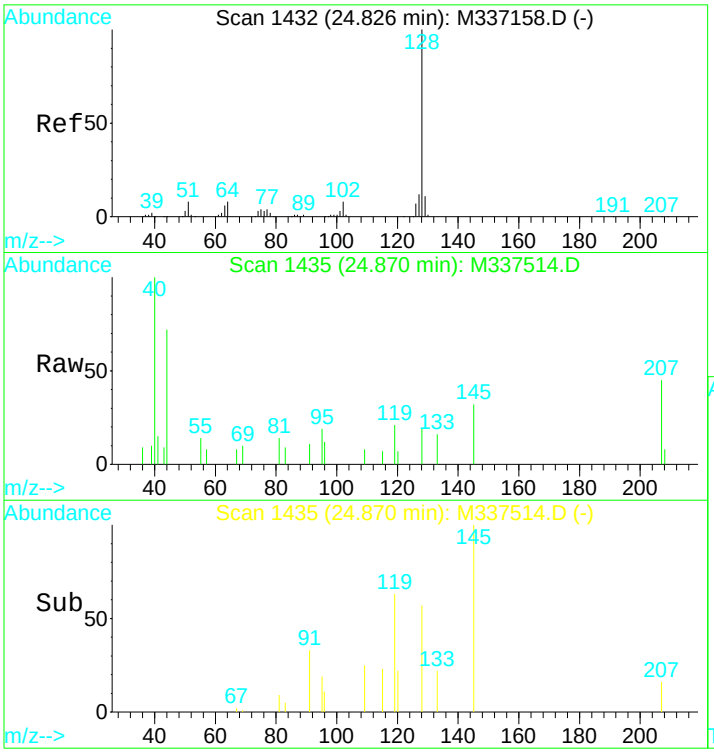


#63
Tetrachloroethene
Concen: 1.32 ug/l
RT: 16.12 min Scan# 847
Delta R.T. 0.00 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

Tgt Ion:164 Resp: 26167

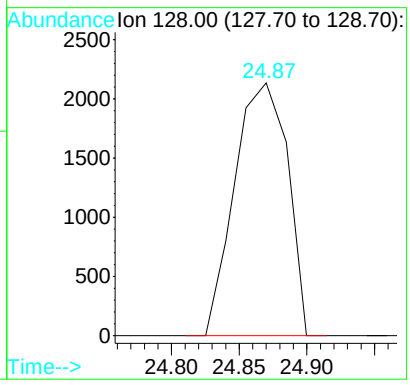
Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.7	126.7
131	87.8	61.4	121.4
166	134.2	97.9	157.9





#100
Naphthalene
Concen: 0.14 ug/l
RT: 24.87 min Scan# 1435
Delta R.T. 0.03 min
Lab File: M337514.D
Acq: 4 Dec 2009 3:37 pm

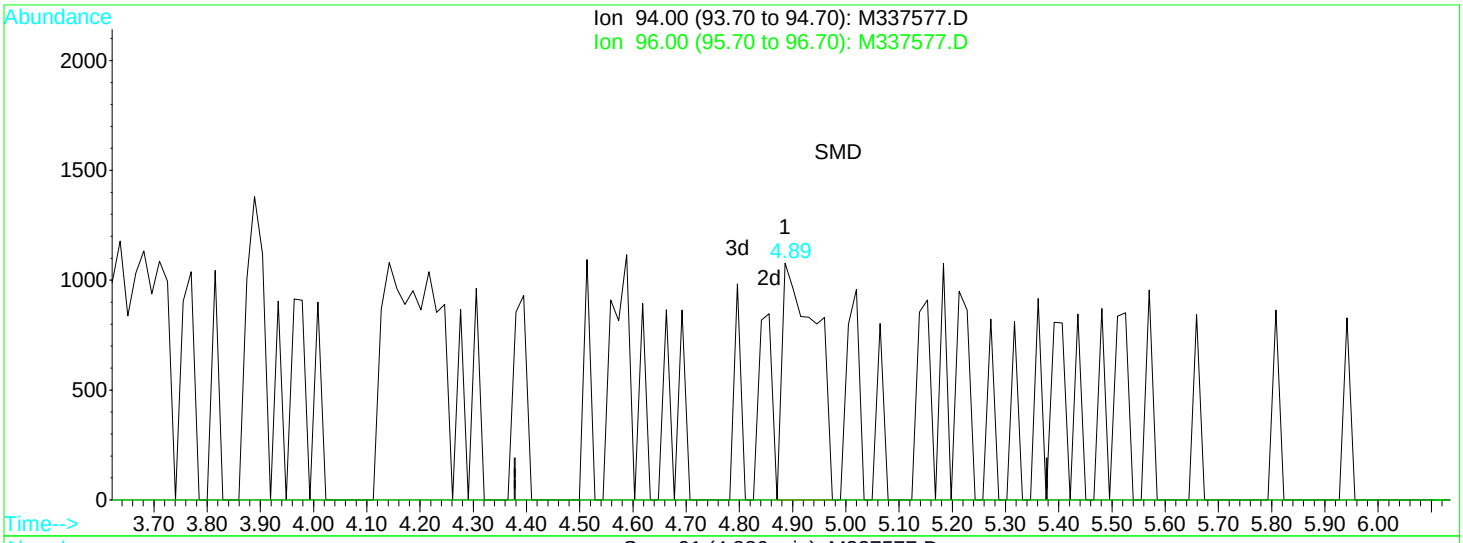
Tgt Ion:128 Resp: 5798

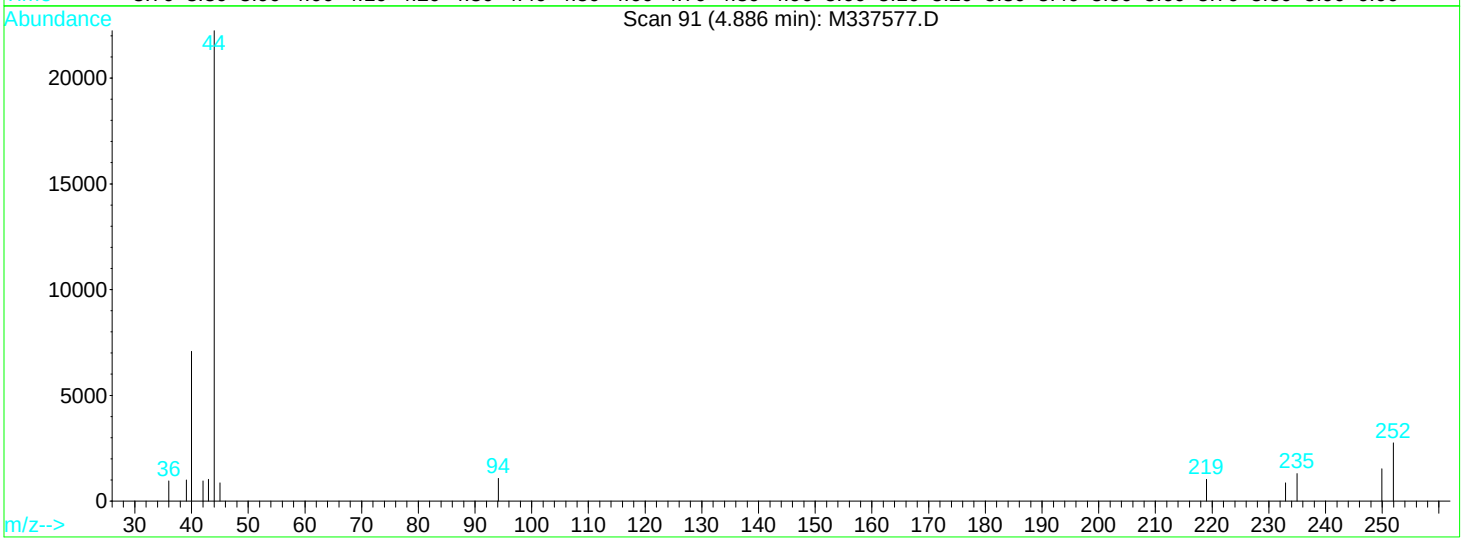


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 16:44 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337577.D

(5) Bromomethane

4.89min 0.30ug/l

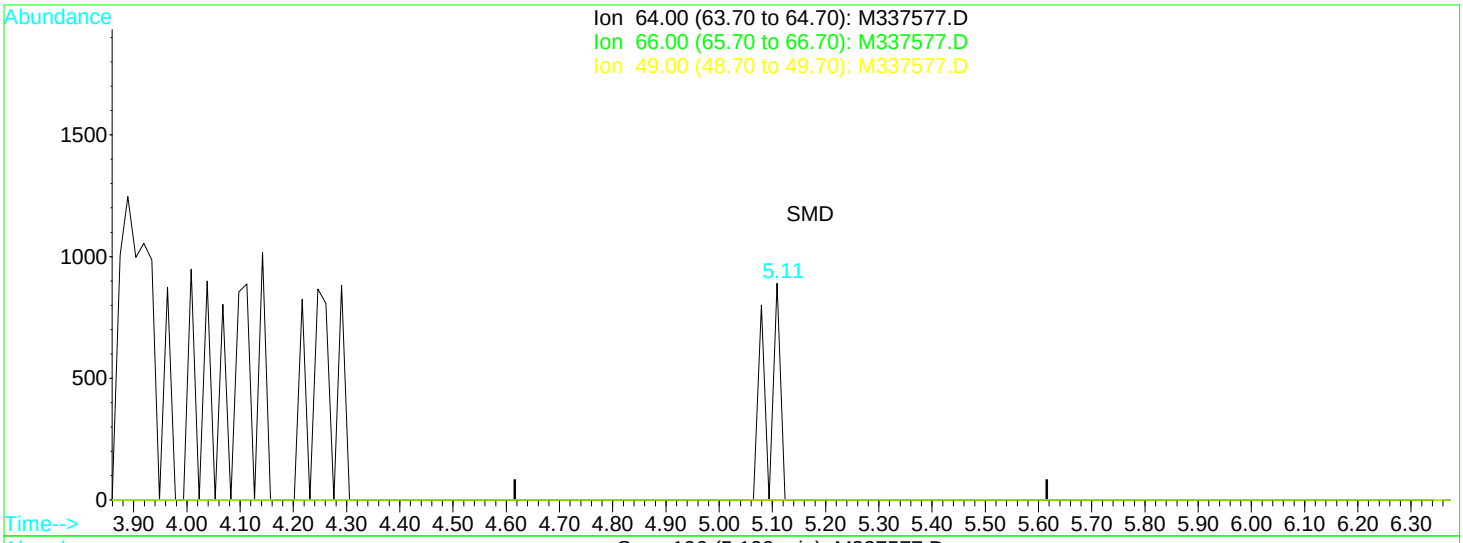
response 4765

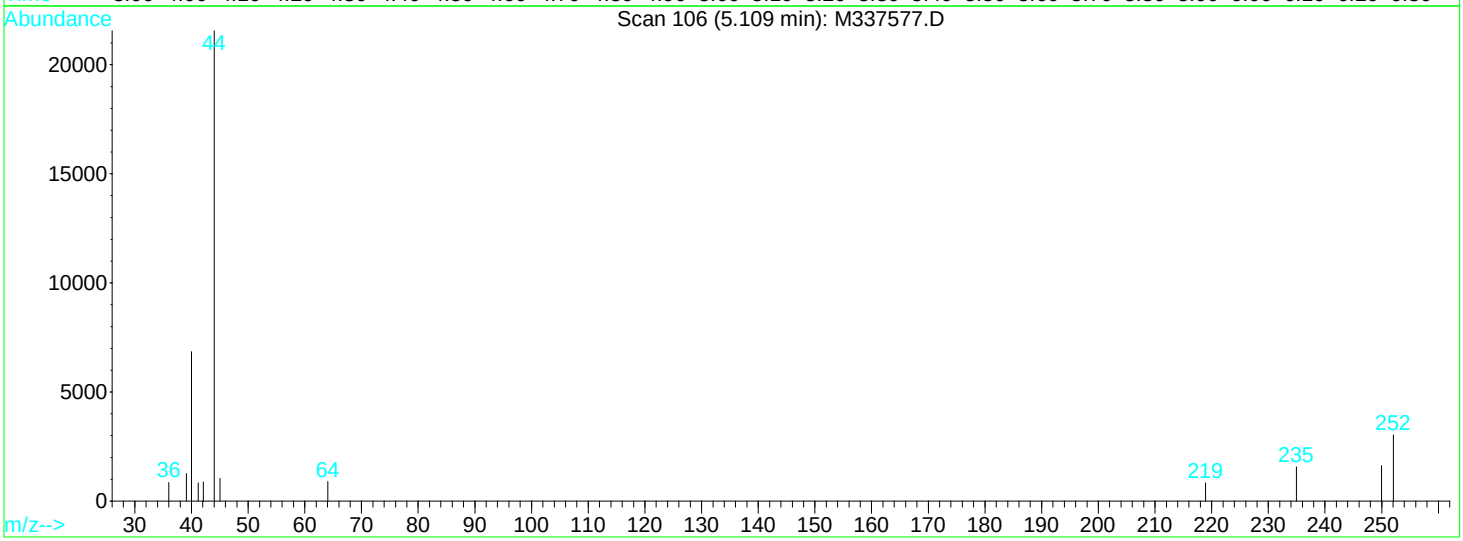
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337577.D

(6) Chloroethane

5.11min 0.12ug/l

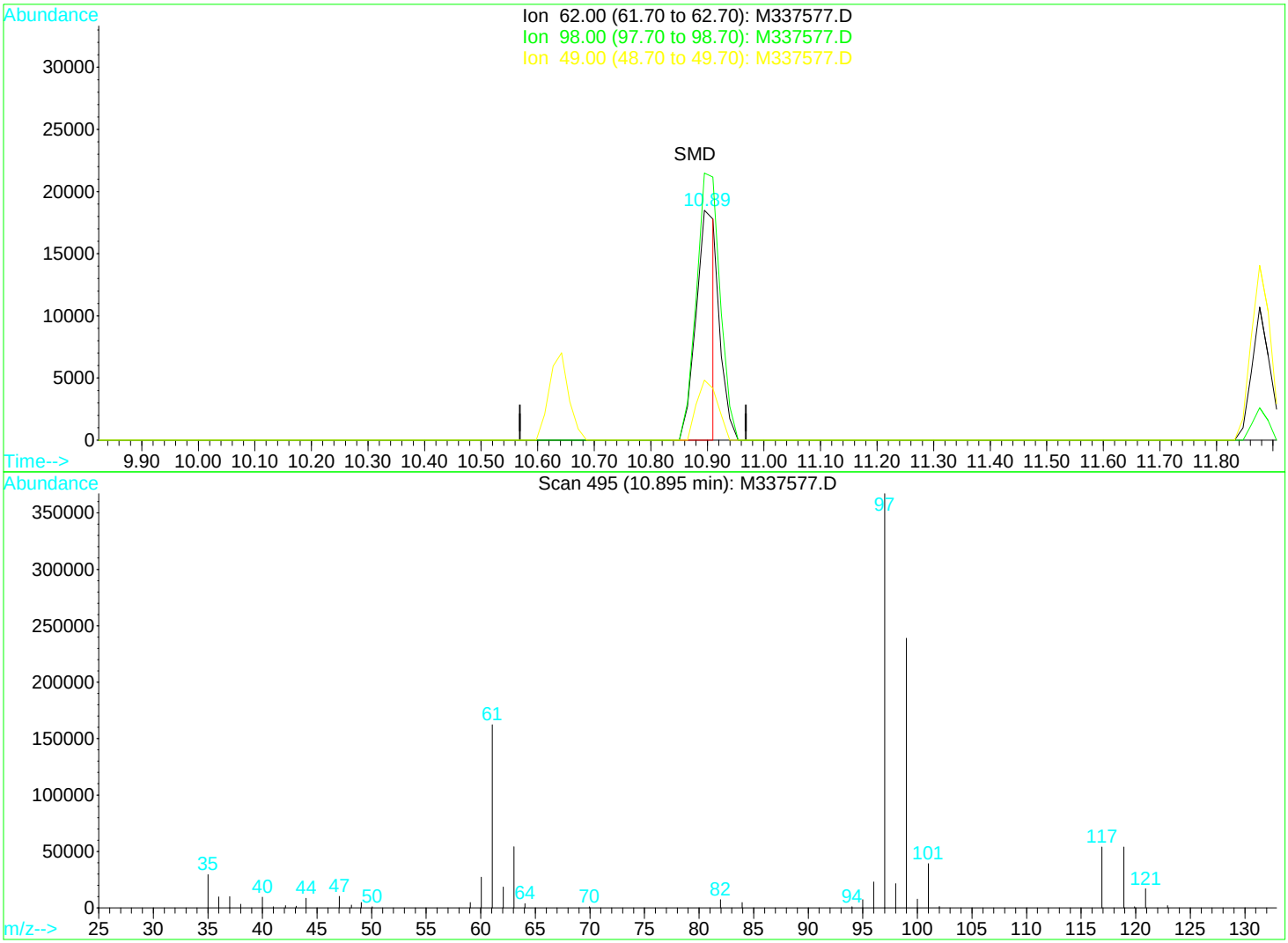
response 1509

Ion	Exp%	Act%
64.00	100	100
66.00	32.10	0.00#
49.00	28.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337577.D

(42) 1,2-Dichloroethane

10.89min 2.05ug/l

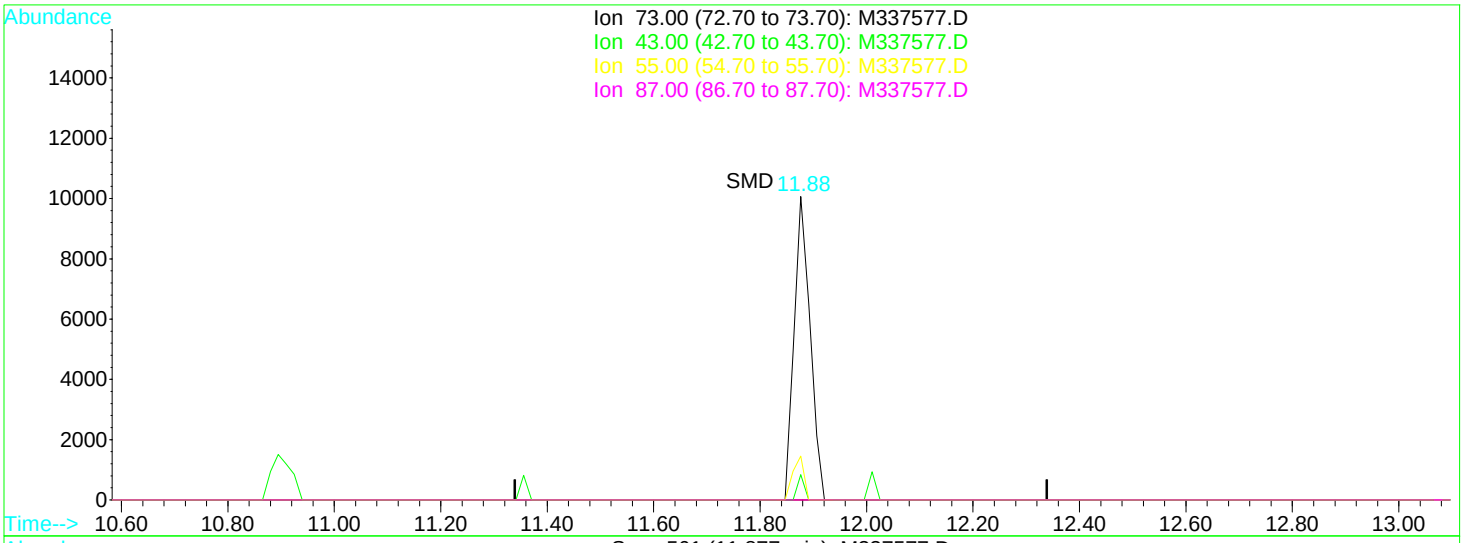
response 43710

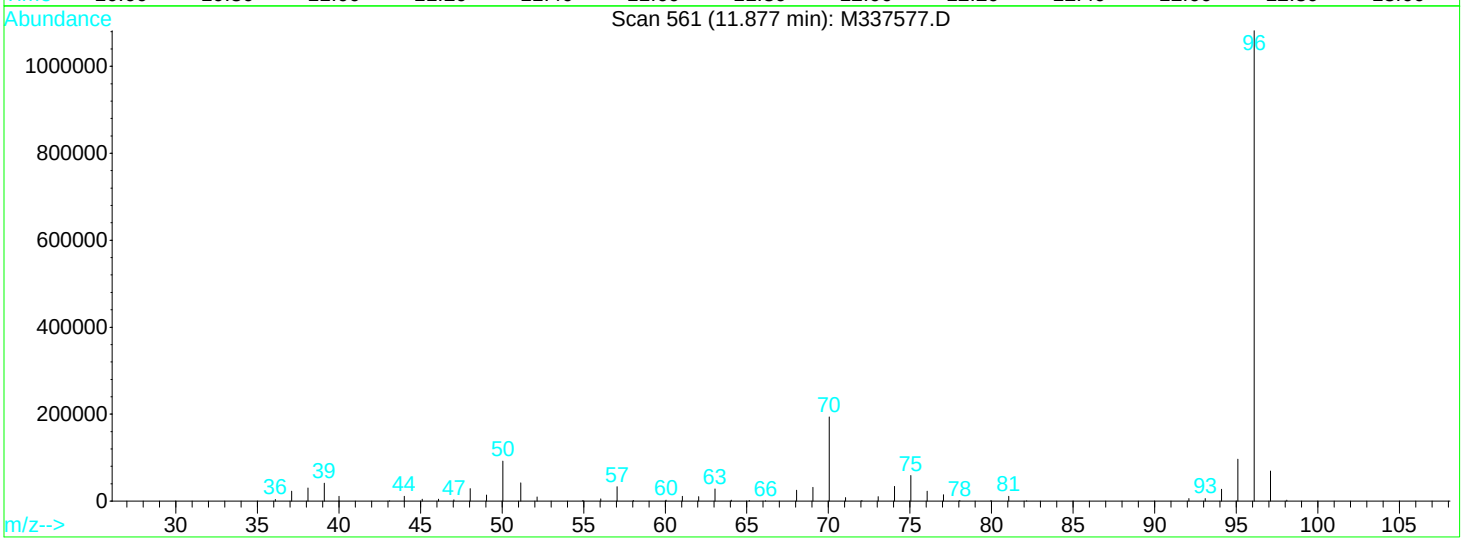
Ion	Exp%	Act%
62.00	100	100
98.00	14.40	116.27#
49.00	43.00	26.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337577.D

(43) Tertiary-amyl methyl ether

11.88min 0.50ug/l

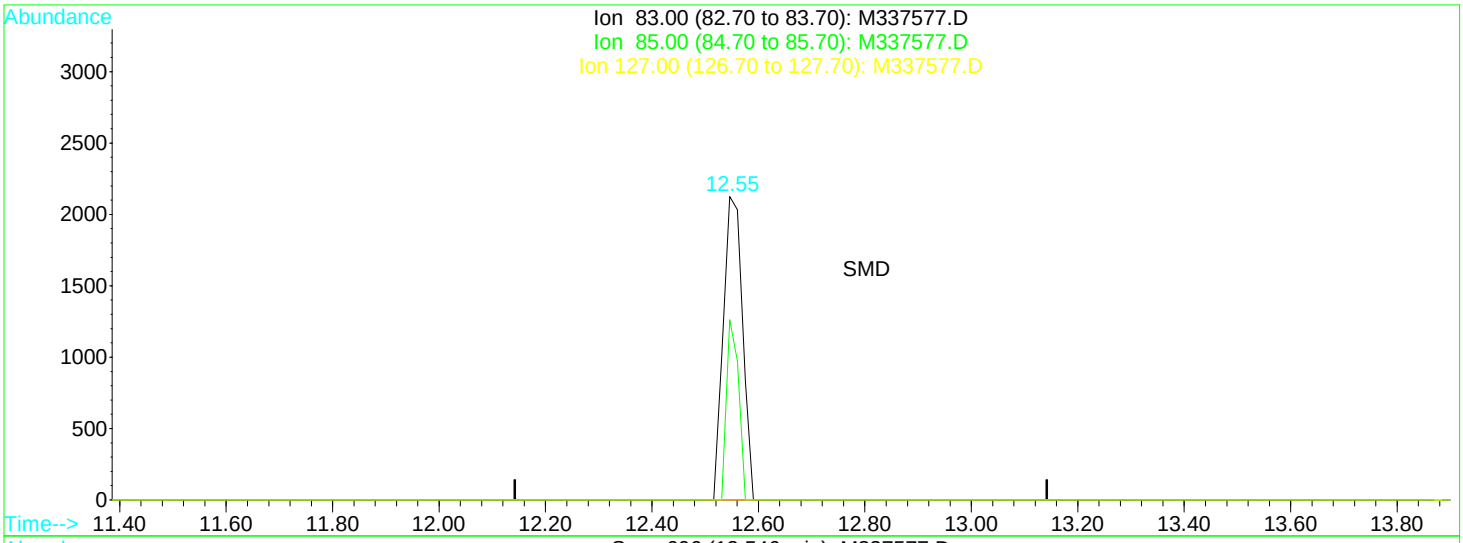
response 21080

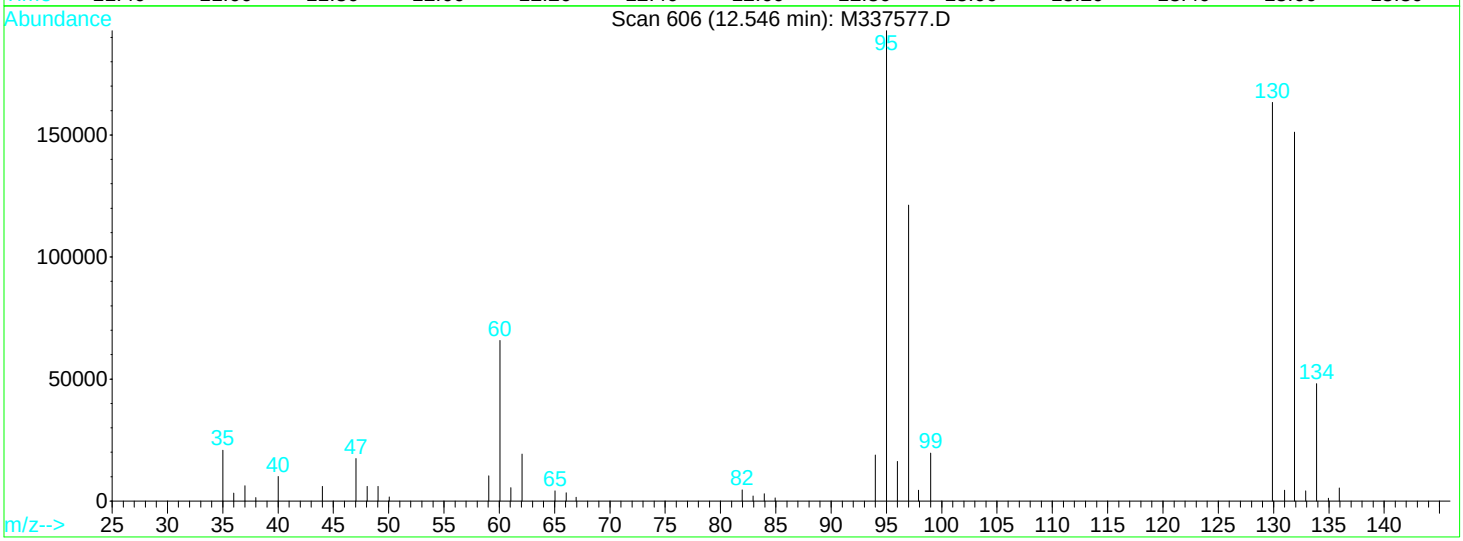
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	8.35
55.00	35.70	14.47
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:29 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337577.D

(48) Bromodichloromethane

12.55min 0.18ug/l

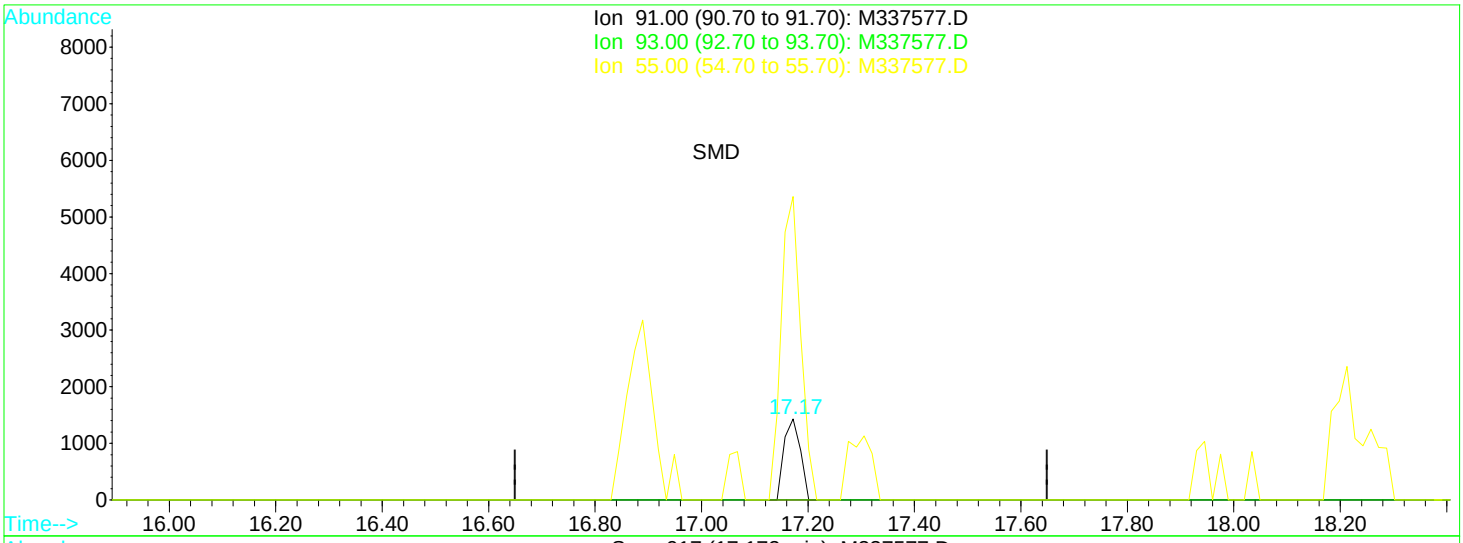
response 5351

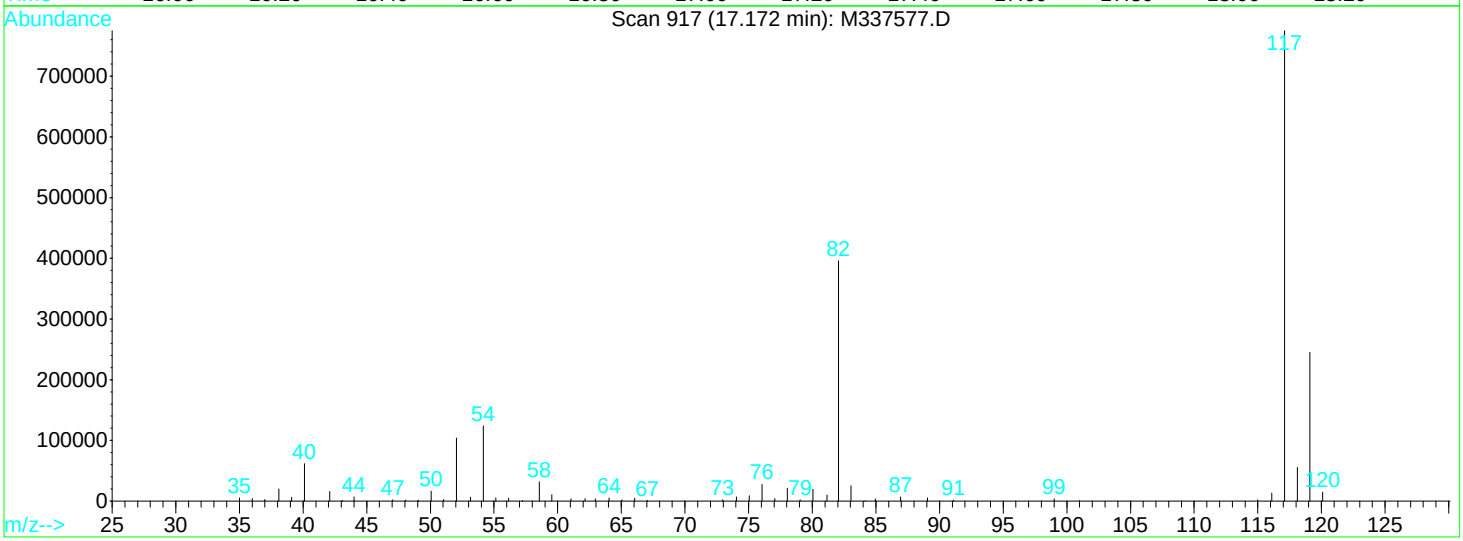
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	59.36
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:30 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337577.D

(66) 1-Chlorohexane

17.17min 0.13ug/l

response 3046

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	375.49#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:30 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

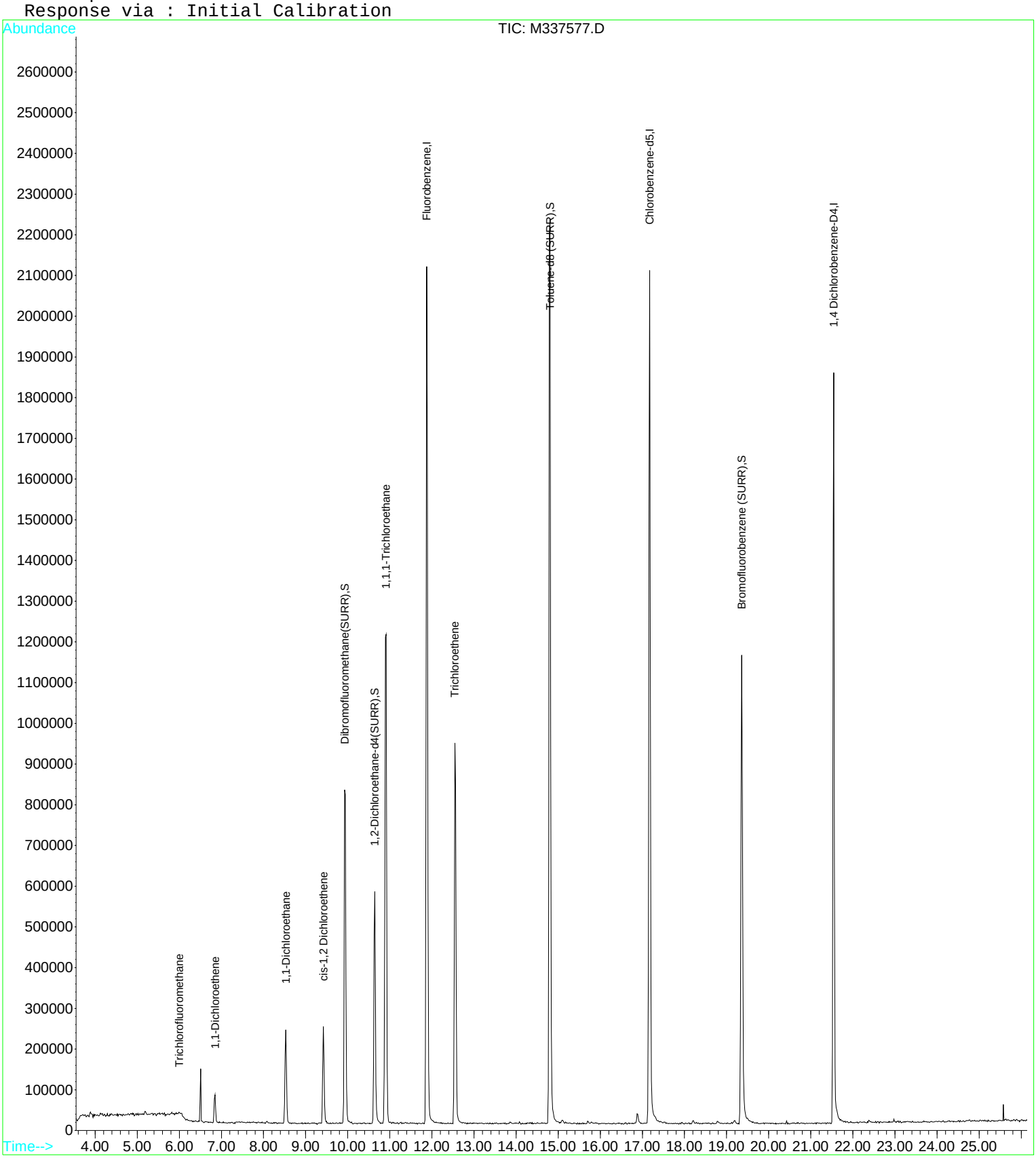
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	2703770	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.17	117	1911359	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	681031	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.93	111	762412	22.83	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.32%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	444418	24.27	ug/l	0.00
Spiked Amount 25.000			Recovery = 97.08%			
59) Toluene-d8 (SURR)	14.81	98	2345558	23.80	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.20%			
75) Bromofluorobenzene (SURR)	19.36	95	796013	23.54	ug/l	-0.02
Spiked Amount 25.000			Recovery = 94.16%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	6.00	101	3808	0.12	ug/l	87
16) 1,1-Dichloroethene	6.85	96	40645	1.61	ug/l	96
21) 1,1-Dichloroethane	8.53	63	279362	6.55	ug/l	99
27) cis-1,2 Dichloroethene	9.42	96	142947	4.37	ug/l	98
36) 1,1,1-Trichloroethane	10.91	97	1072290	34.85	ug/l	98
44) Trichloroethene	12.55	95	490660	17.41	ug/l	92

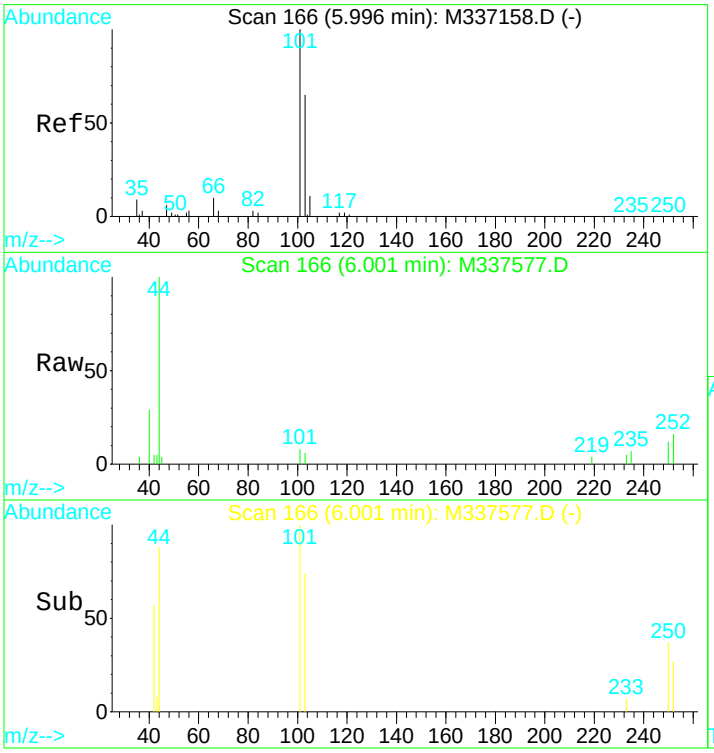
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337577.D Vial: 16
Acq On : 8 Dec 2009 4:14 pm Operator: MD
Sample : 0912038-08RE1 Inst : VOA MS3
Misc : 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:30 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

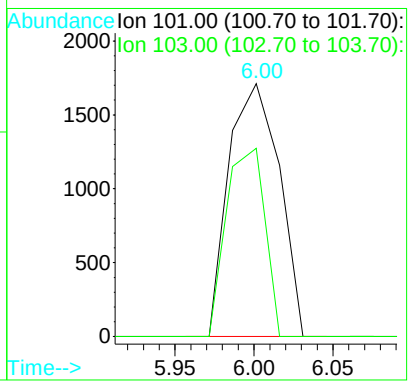


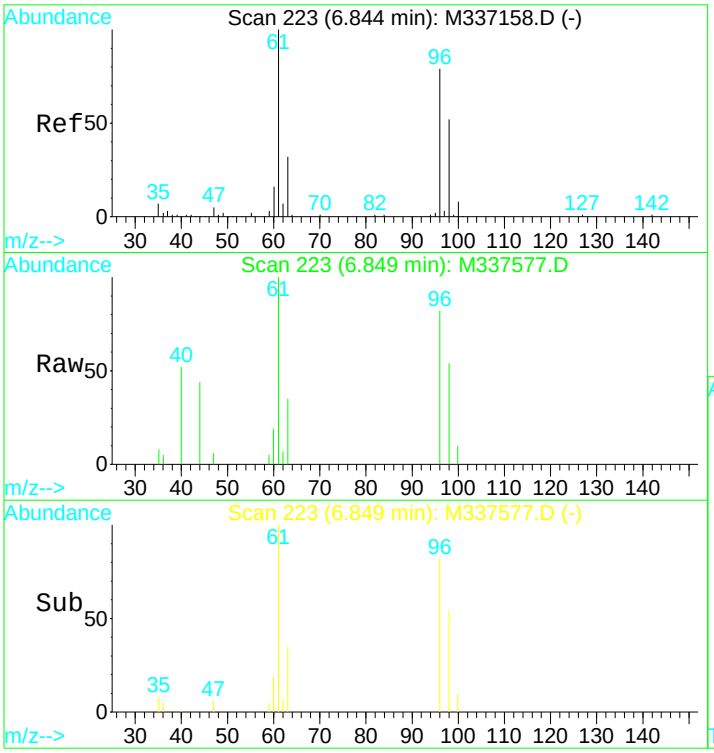


#7
Trichlorofluoromethane
Concen: 0.12 ug/l
RT: 6.00 min Scan# 166
Delta R.T. -0.01 min
Lab File: M337577.D
Acq: 8 Dec 2009 4:14 pm

Tgt Ion:101 Resp: 3808

Ion	Ratio	Lower	Upper
101	100		
103	74.5	34.5	94.5

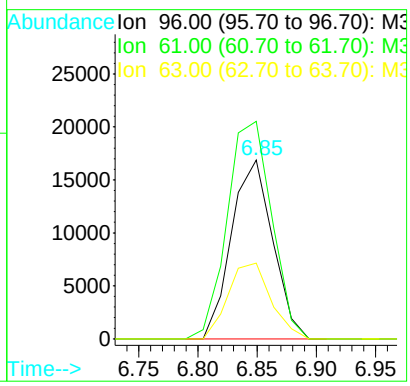


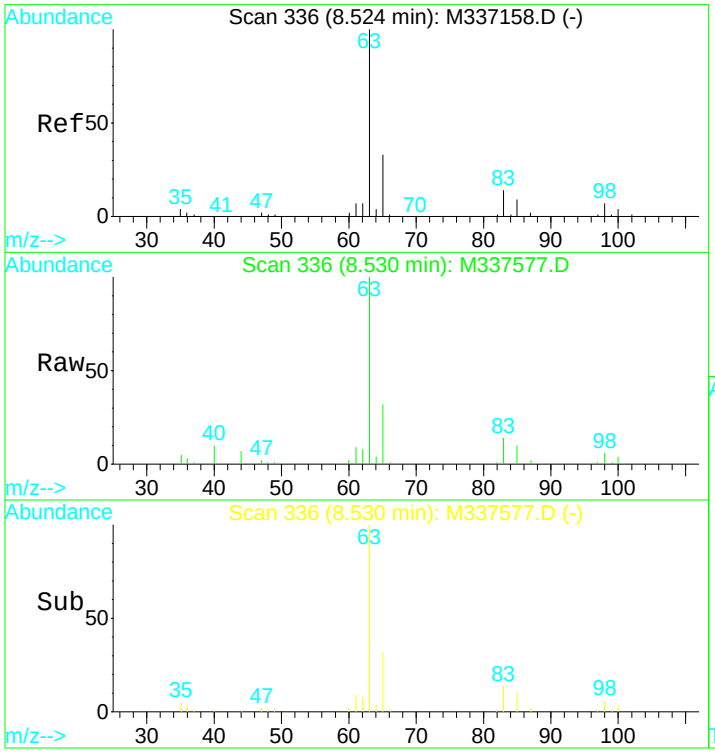


#16
1,1-Dichloroethene
Concen: 1.61 ug/l
RT: 6.85 min Scan# 223
Delta R.T. -0.01 min
Lab File: M337577.D
Acq: 8 Dec 2009 4:14 pm

Tgt Ion: 96 Resp: 40645

Ion	Ratio	Lower	Upper
96	100		
61	121.7	96.1	156.1
63	42.3	10.0	70.0

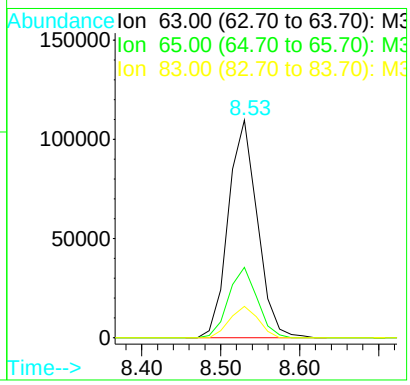


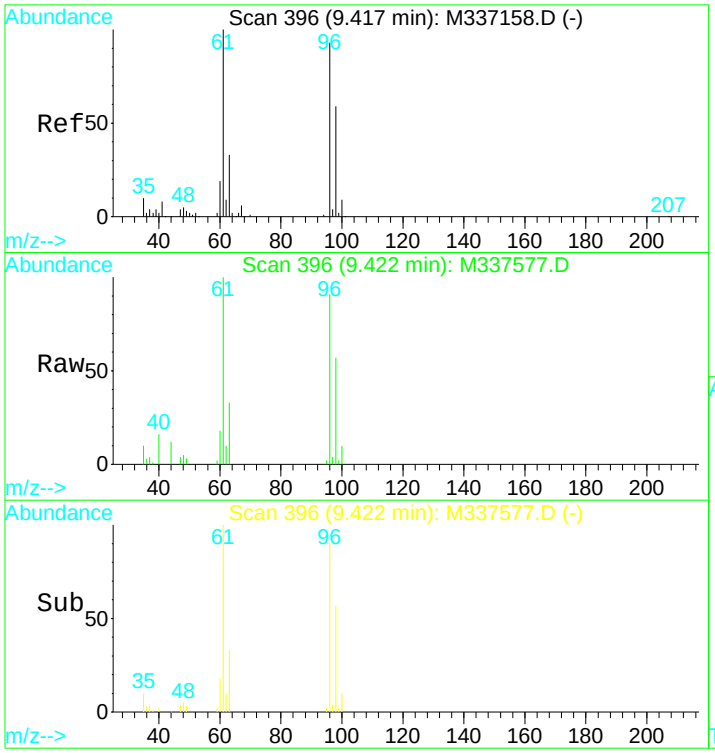


#21
1,1-Dichloroethane
Concen: 6.55 ug/l
RT: 8.53 min Scan# 336
Delta R.T. -0.01 min
Lab File: M337577.D
Acq: 8 Dec 2009 4:14 pm

Tgt Ion: 63 Resp: 279362

Ion	Ratio	Lower	Upper
63	100		
65	32.4	2.9	62.9
83	14.3	0.0	44.2

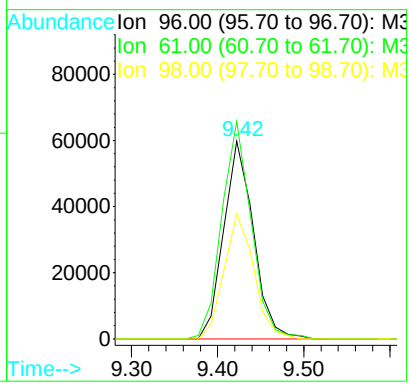


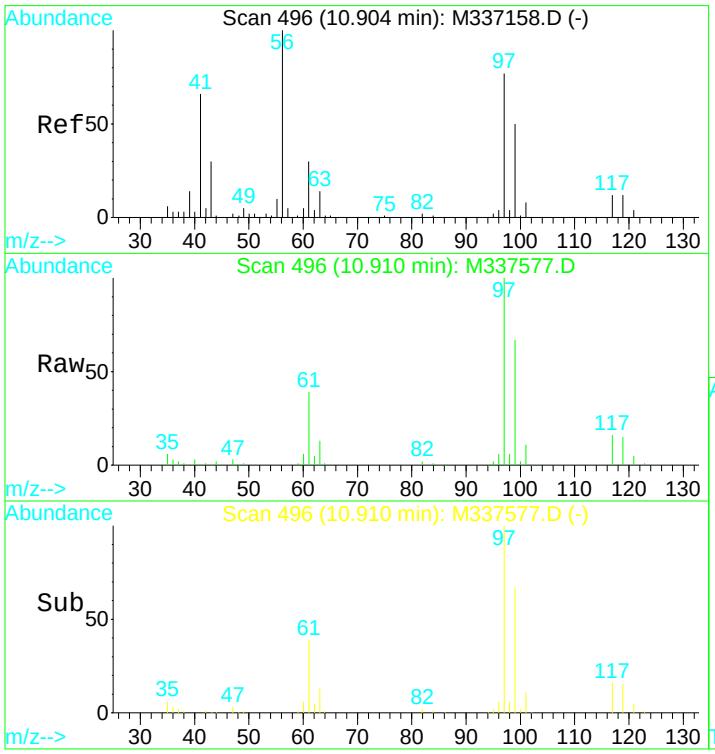


#27
cis-1,2 Dichloroethene
Concen: 4.37 ug/l
RT: 9.42 min Scan# 396
Delta R.T. -0.02 min
Lab File: M337577.D
Acq: 8 Dec 2009 4:14 pm

Tgt Ion: 96 Resp: 142947

Ion	Ratio	Lower	Upper
96	100		
61	110.1	77.5	137.5
98	63.3	33.9	93.9

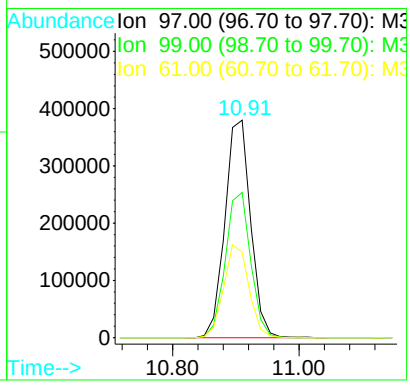


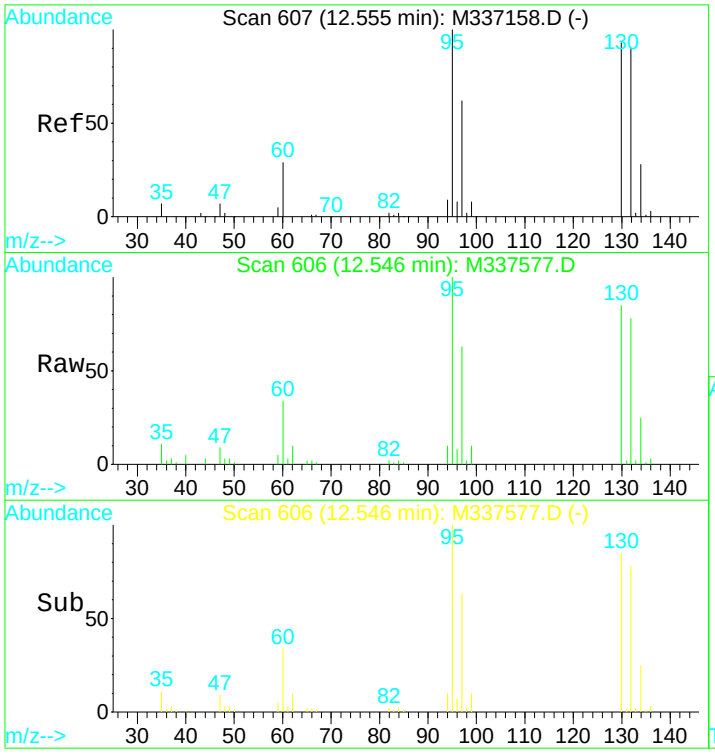


#36
1,1,1-Trichloroethane
Concen: 34.85 ug/l
RT: 10.91 min Scan# 496
Delta R.T. -0.01 min
Lab File: M337577.D
Acq: 8 Dec 2009 4:14 pm

Tgt Ion: 97 Resp: 1072290

Ion	Ratio	Lower	Upper
97	100		
99	66.8	34.9	94.9
61	39.2	9.8	69.8

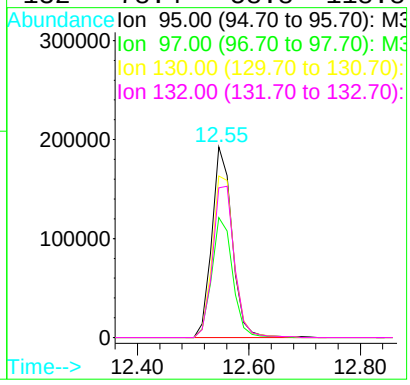




#44
Trichloroethene
Concen: 17.41 ug/l
RT: 12.55 min Scan# 606
Delta R.T. -0.02 min
Lab File: M337577.D
Acq: 8 Dec 2009 4:14 pm

Tgt Ion: 95 Resp: 490660

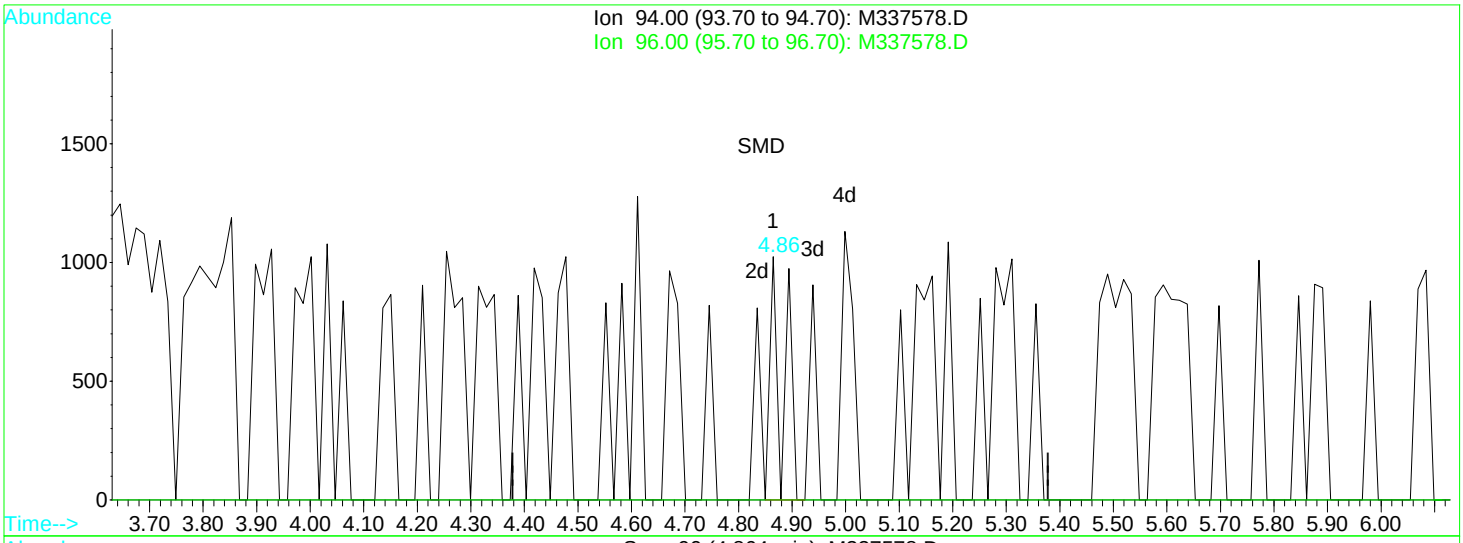
Ion	Ratio	Lower	Upper
95	100		
97	62.9	35.0	95.0
130	84.8	62.7	122.7
132	78.4	58.8	118.8

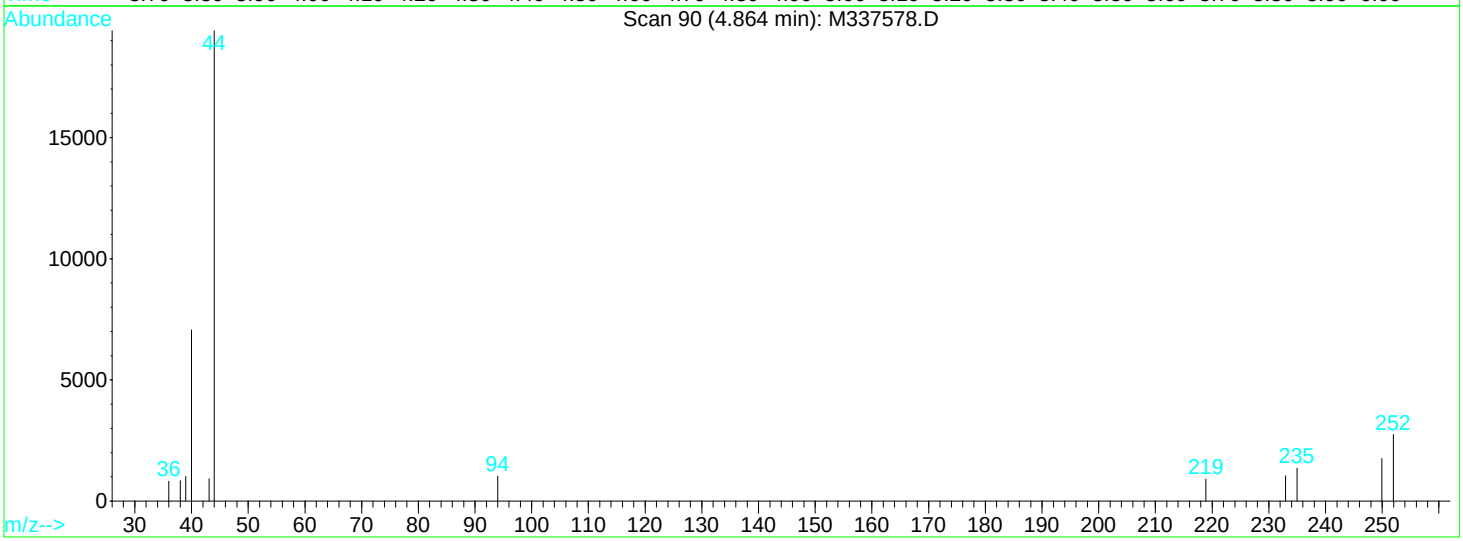


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 17:15 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337578.D

(5) Bromomethane

4.86min 0.11ug/l

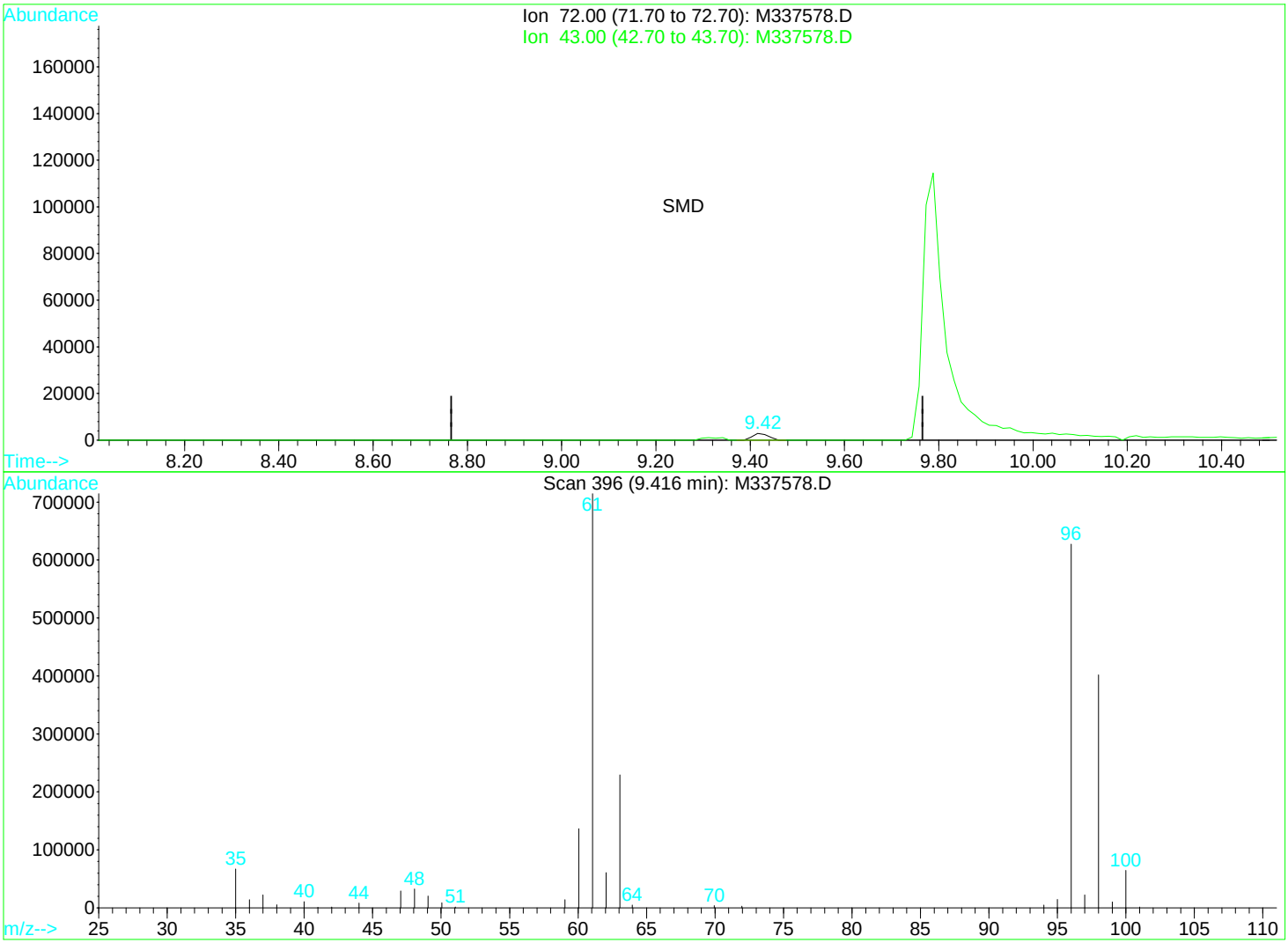
response 1783

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337578.D

(24) 2-Butanone

9.42min 5.16ug/l

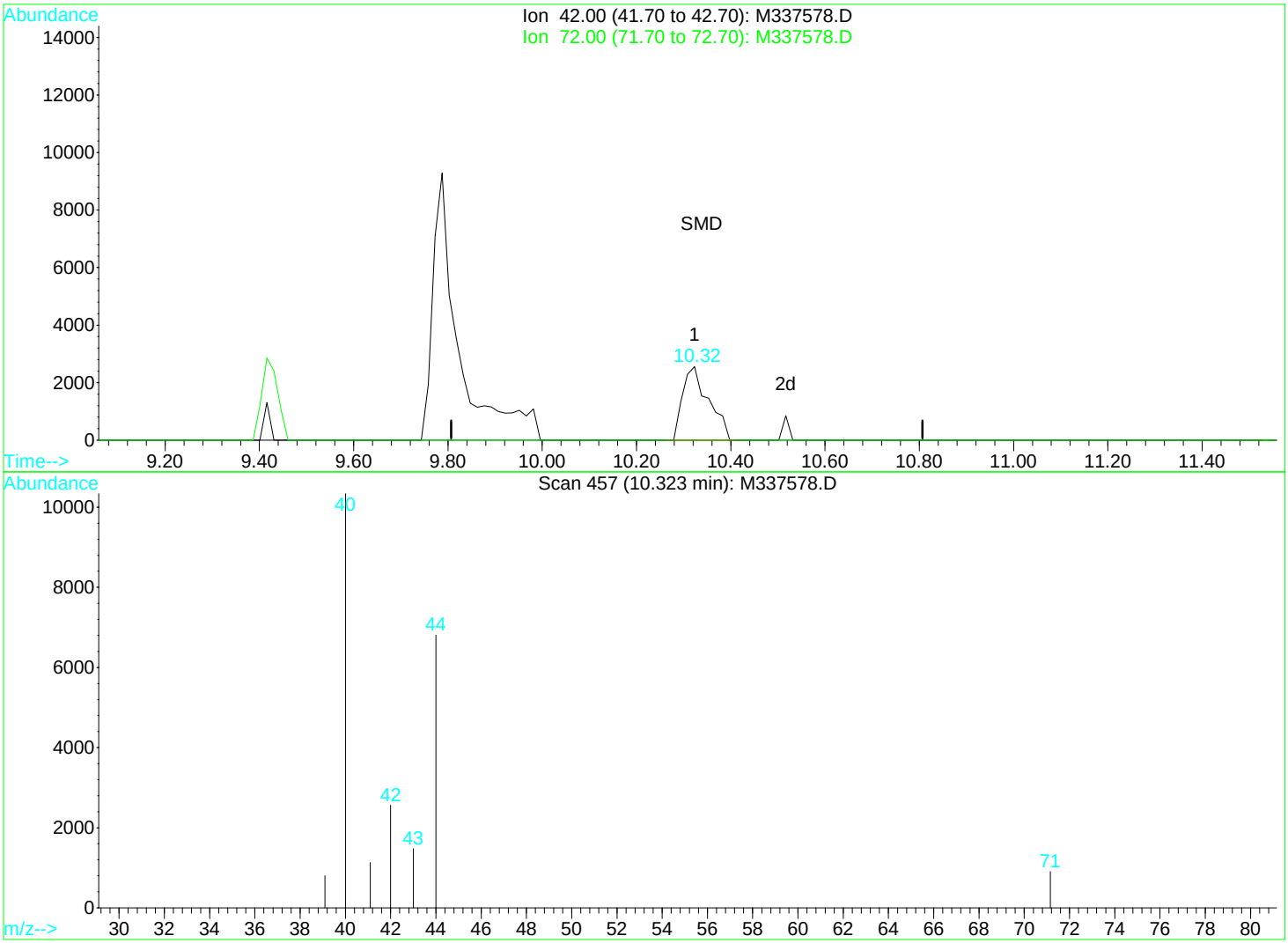
response 6722

Ion	Exp%	Act%
72.00	100	100
43.00	653.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337578.D

(32) Tetrahydrofuran

10.32min 2.29ug/l

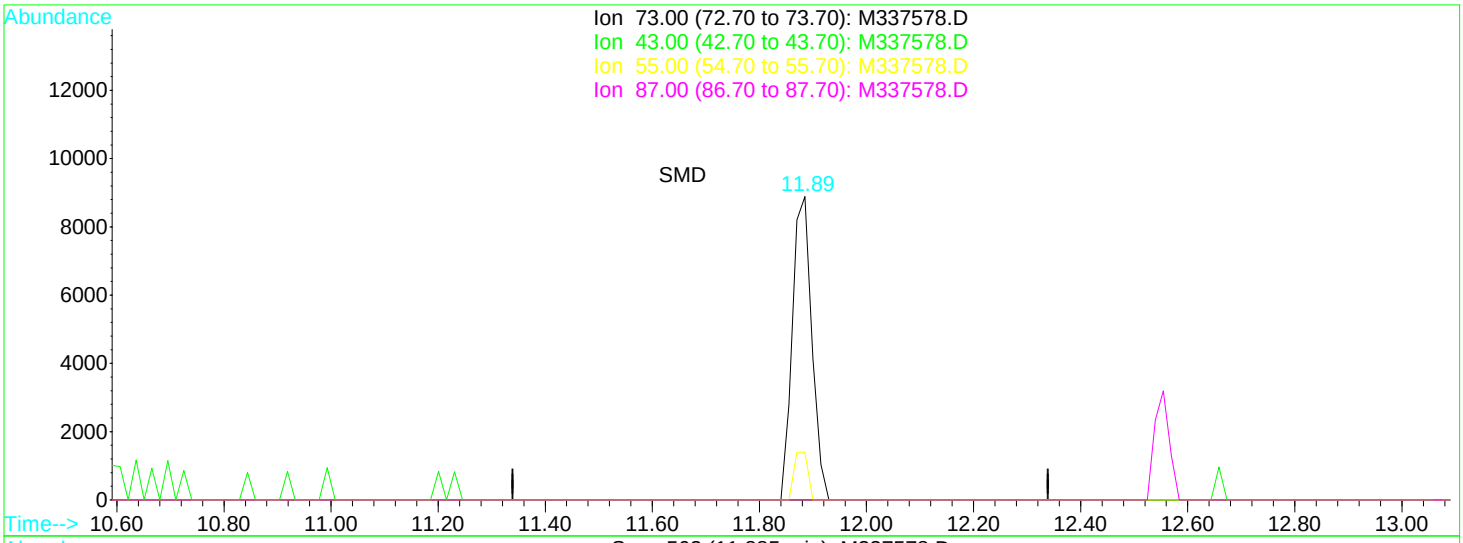
response 9793

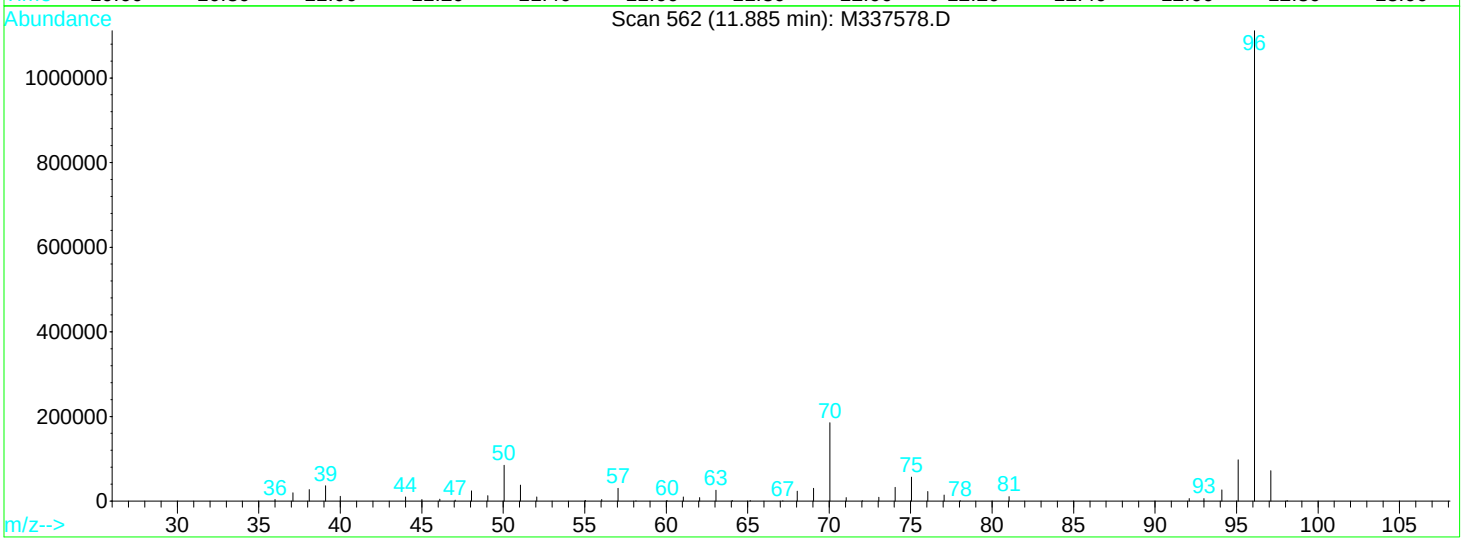
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337578.D

(43) Tertiary-amyl methyl ether

11.89min 0.52ug/l

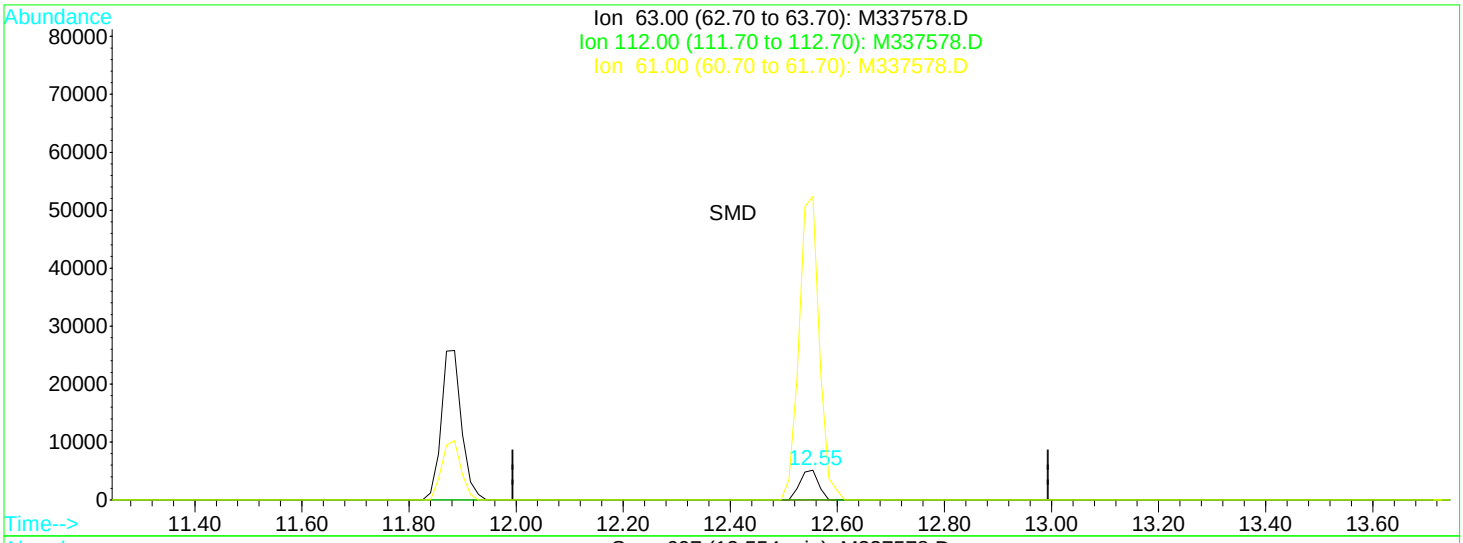
response 22365

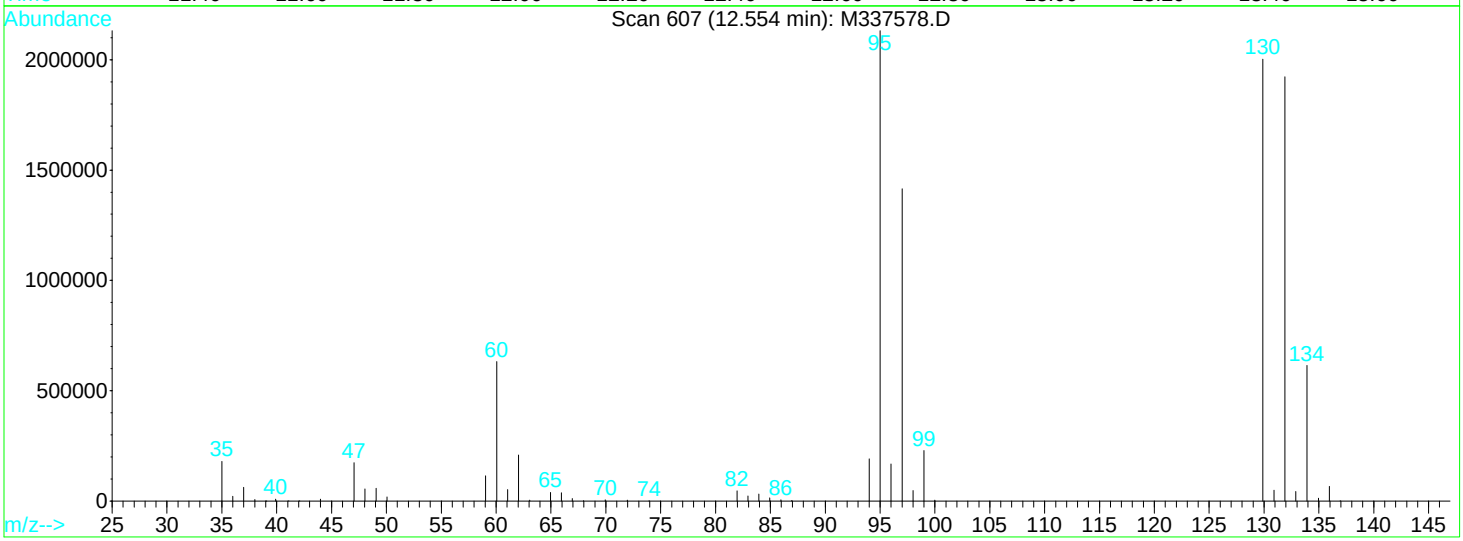
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	15.74
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337578.D

(45) 1,2-Dichloropropane

12.55min 0.47ug/l

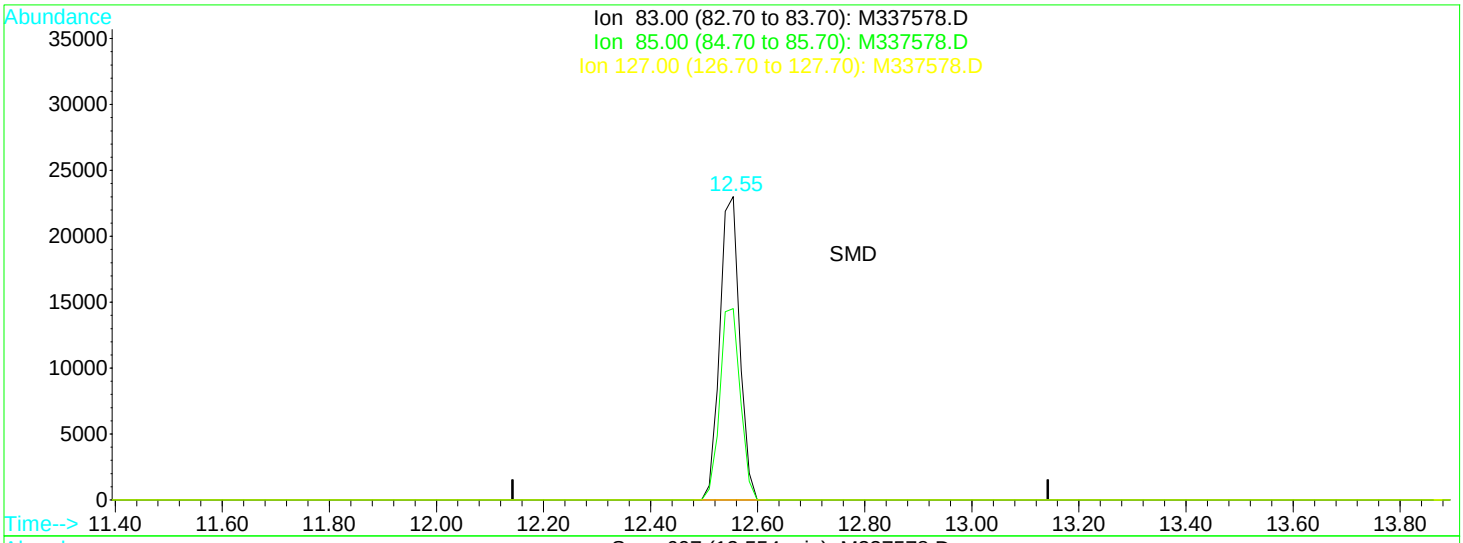
response 12281

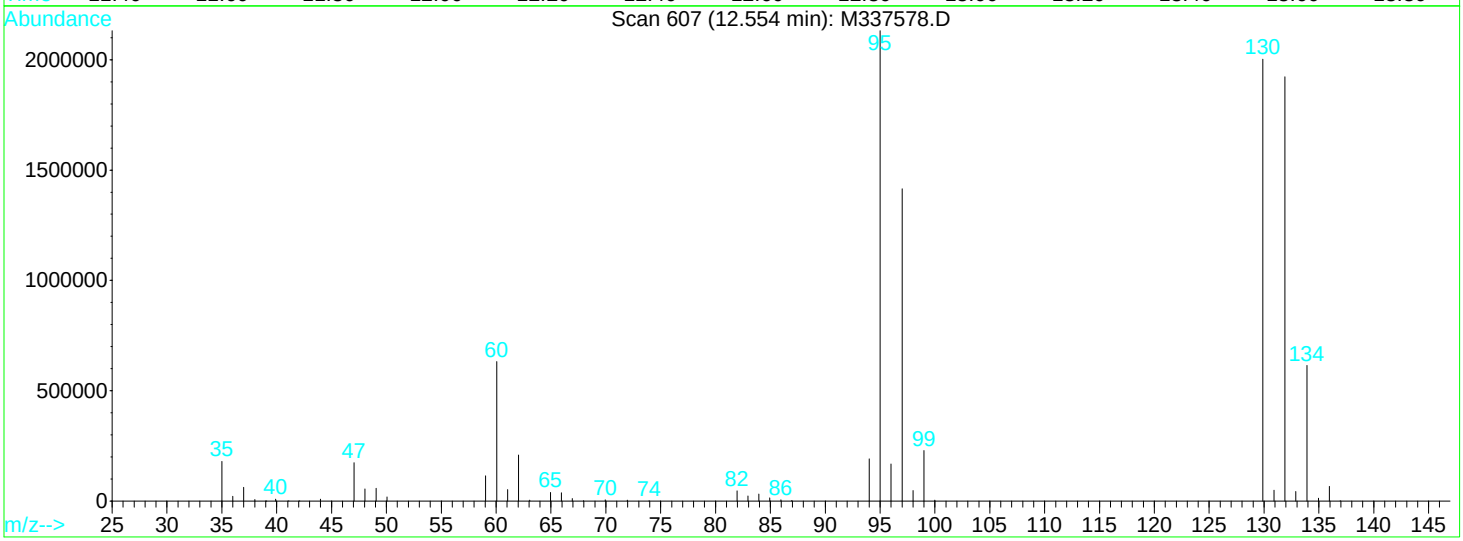
Ion	Exp%	Act%
63.00	100	100
112.00	4.20	0.00
61.00	11.50	1016.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337578.D

(48) Bromodichloromethane

12.55min 1.92ug/l

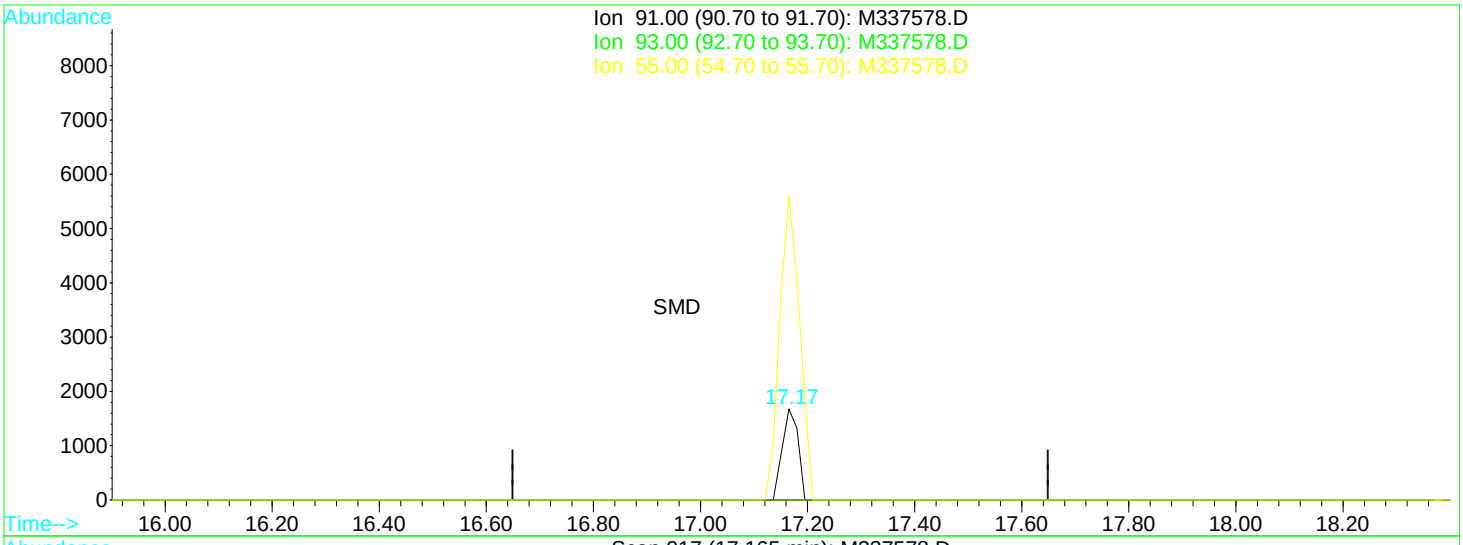
response 59128

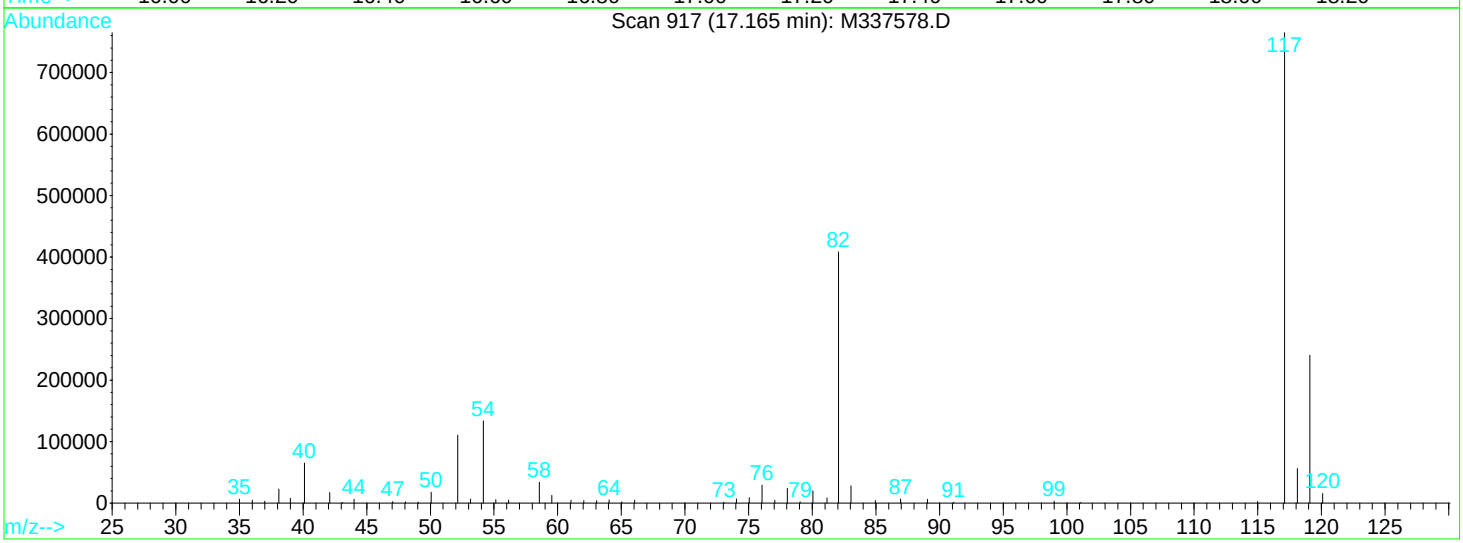
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	63.02
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337578.D

(66) 1-Chlorohexane

17.17min 0.14ug/l

response 3410

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	333.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

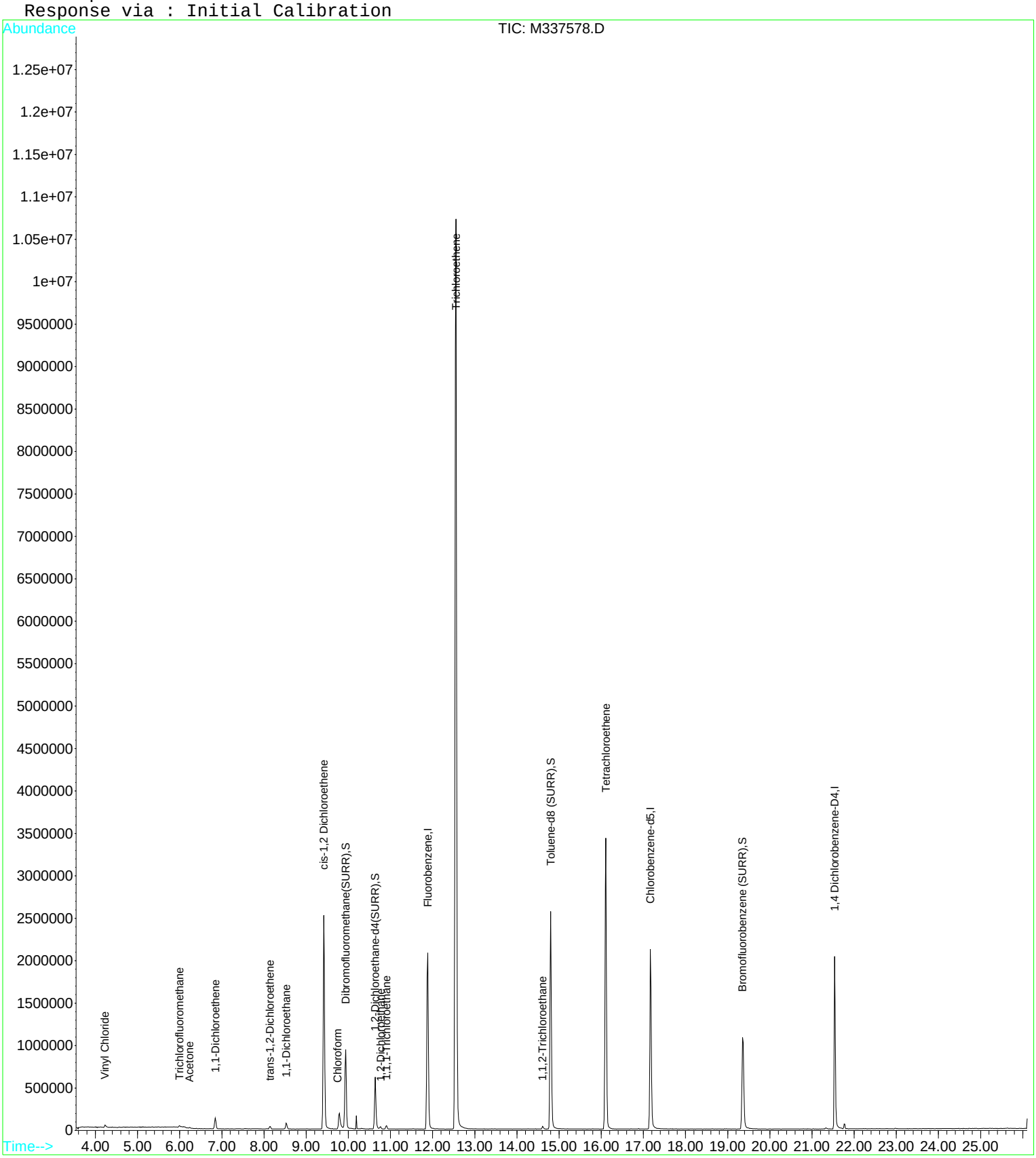
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2746743	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.17	117	1946338	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	698034	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	786749	23.19	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.76%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	455367	24.48	ug/l	-0.01
Spiked Amount 25.000			Recovery = 97.92%			
59) Toluene-d8 (SURR)	14.80	98	2385112	23.77	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.08%			
75) Bromofluorobenzene (SURR)	19.35	95	788500	22.89	ug/l	-0.03
Spiked Amount 25.000			Recovery = 91.56%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.22	62	32377	1.38	ug/l	91
7) Trichlorofluoromethane	5.99	101	16310	0.52	ug/l	93
10) Acetone	6.23	58	3450	3.05	ug/l	95
16) 1,1-Dichloroethene	6.84	96	71305	2.78	ug/l	92
20) trans-1,2-Dichloroethene	8.14	96	18442	0.65	ug/l	86
21) 1,1-Dichloroethane	8.52	63	87224	2.01	ug/l	96
27) cis-1,2 Dichloroethene	9.42	96	1571300	47.27	ug/l	96
33) Chloroform	9.74	83	5112	0.12	ug/l	75
36) 1,1,1-Trichloroethane	10.90	97	33562	1.07	ug/l	90
42) 1,2-Dichloroethane	10.77	62	20866	0.97	ug/l	99
44) Trichloroethene	12.55	95	5390150	188.30	ug/l	98
56) 1,1,2-Trichloroethane	14.61	83	14570	0.80	ug/l	93
63) Tetrachloroethene	16.11	164	1162994	64.11	ug/l	98

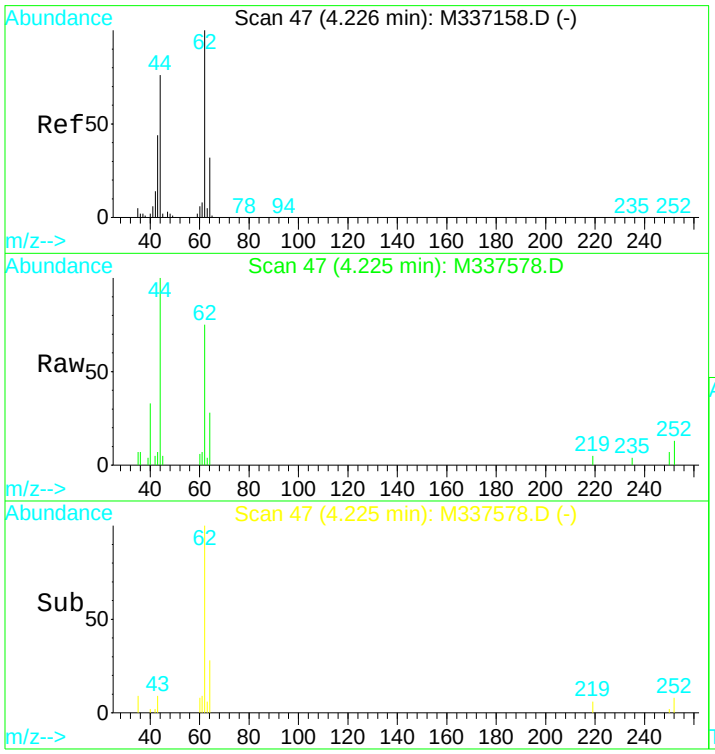
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337578.D Vial: 17
Acq On : 8 Dec 2009 4:45 pm Operator: MD
Sample : 0912038-09 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:31 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

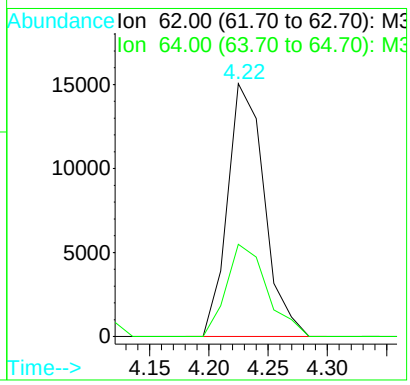


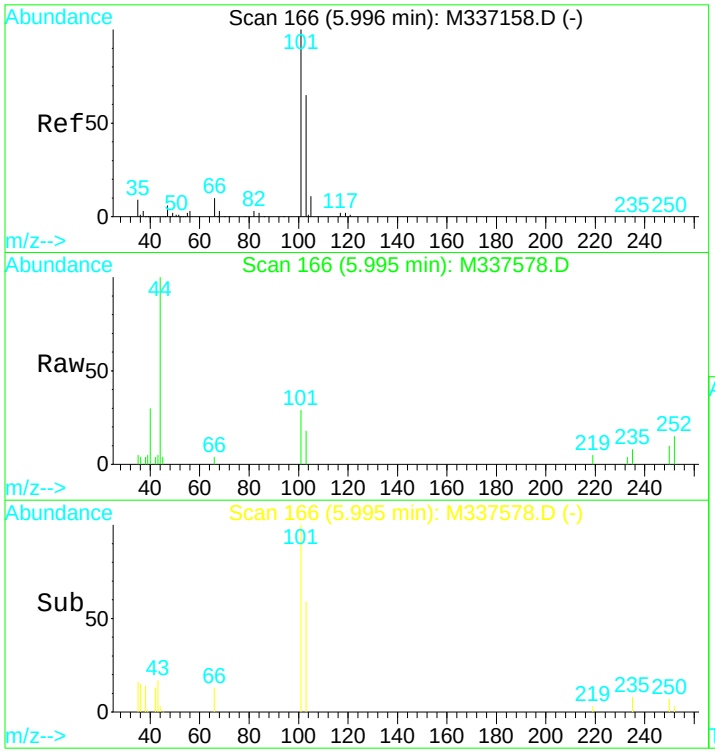


#4
Vinyl Chloride
Concen: 1.38 ug/l
RT: 4.22 min Scan# 47
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 62 Resp: 32377

Ion	Ratio	Lower	Upper
62	100		
64	36.5	1.8	61.8

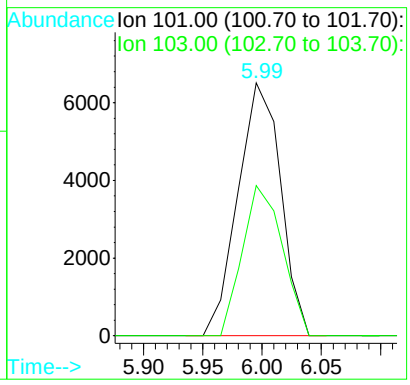


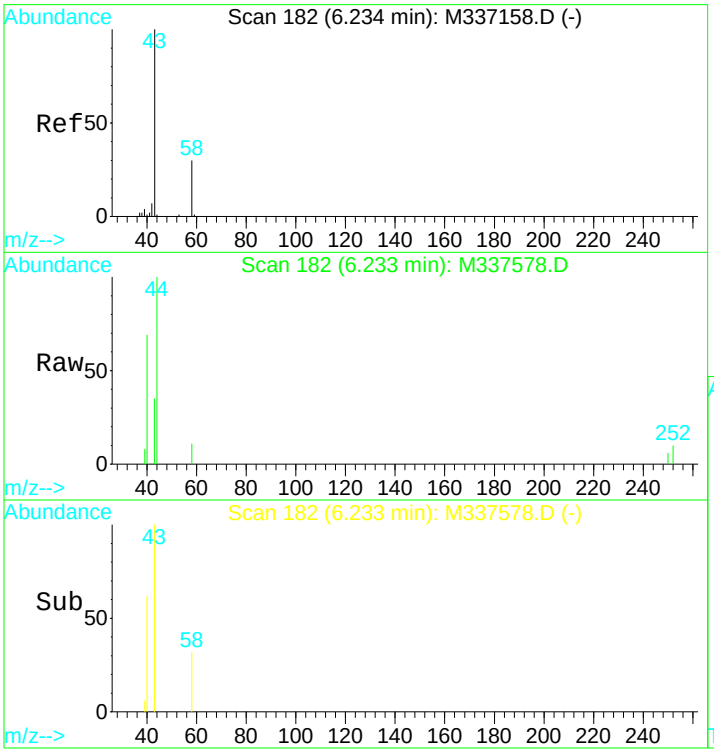


#7
Trichlorofluoromethane
Concen: 0.52 ug/l
RT: 5.99 min Scan# 166
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion:101 Resp: 16310

Ion	Ratio	Lower	Upper
101	100		
103	59.3	34.5	94.5

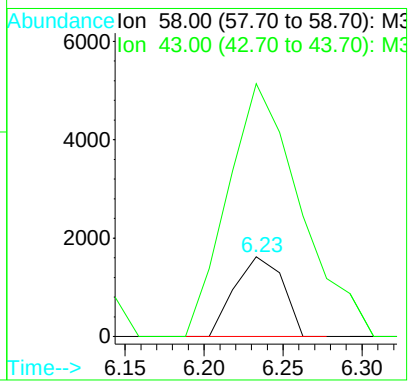


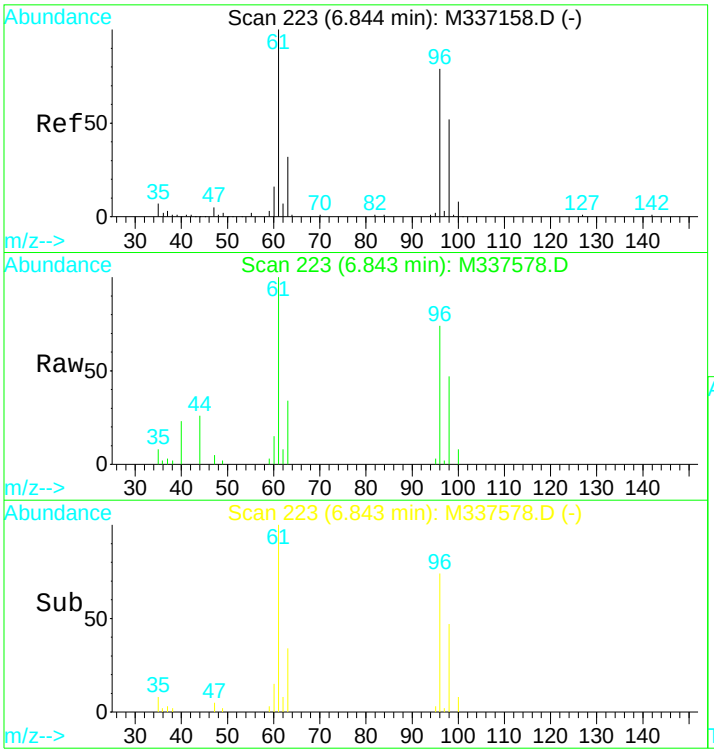


#10
Acetone
Concen: 3.05 ug/l
RT: 6.23 min Scan# 182
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 58 Resp: 3450

Ion	Ratio	Lower	Upper
58	100		
43	317.1	298.2	358.2

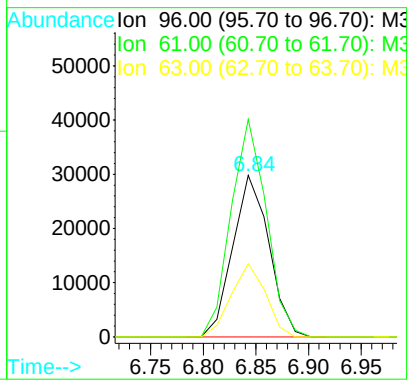


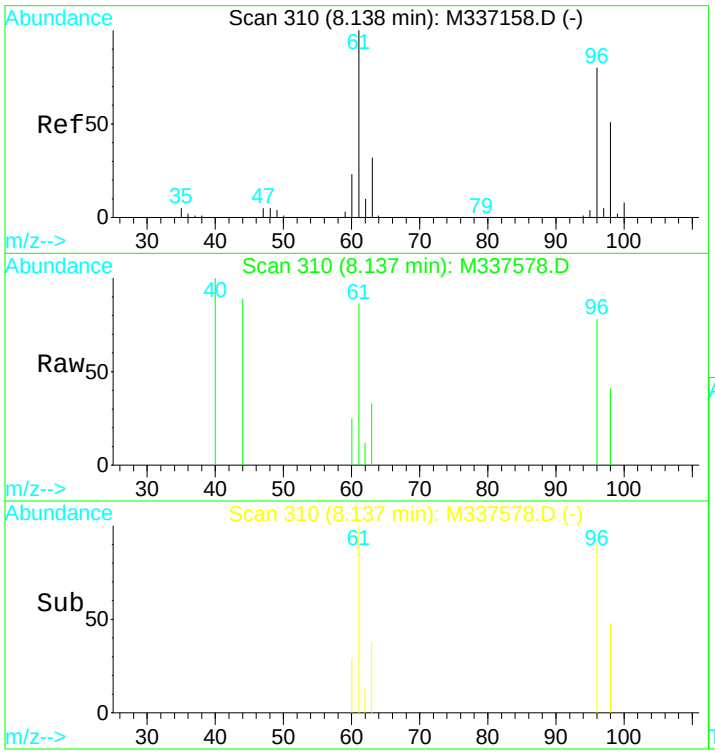


#16
1,1-Dichloroethene
Concen: 2.78 ug/l
RT: 6.84 min Scan# 223
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 96 Resp: 71305

Ion	Ratio	Lower	Upper
96	100		
61	134.7	96.1	156.1
63	45.3	10.0	70.0

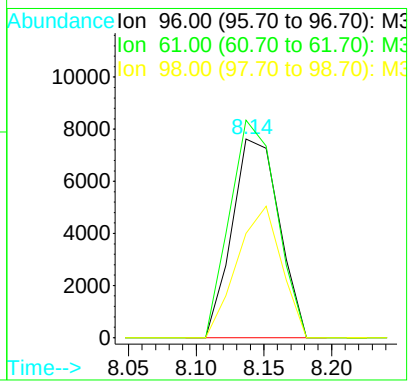


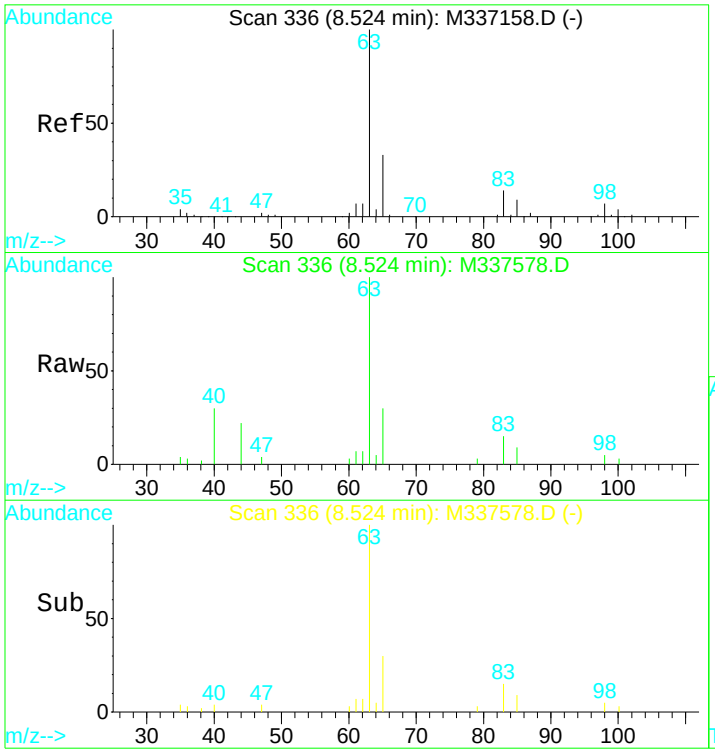


#20
trans-1,2-Dichloroethene
Concen: 0.65 ug/l
RT: 8.14 min Scan# 310
Delta R.T. -0.03 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 96 Resp: 18442

Ion	Ratio	Lower	Upper
96	100		
61	109.5	95.0	155.0
98	52.4	33.4	93.4

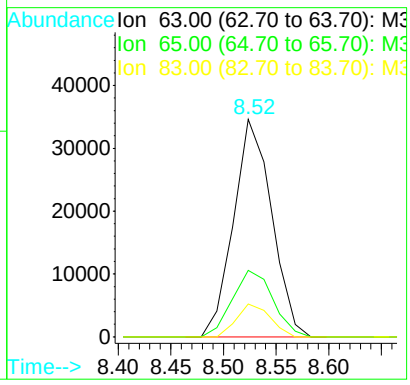


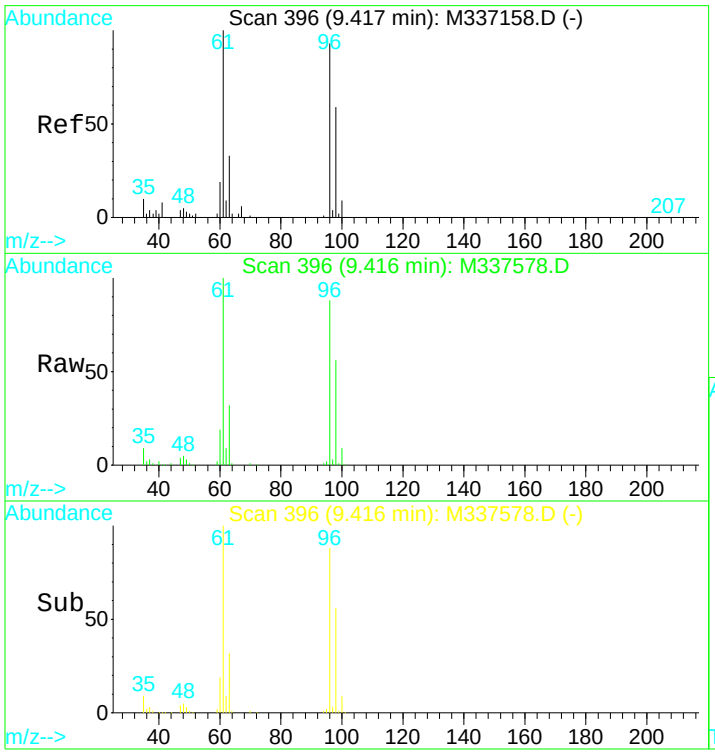


#21
1,1-Dichloroethane
Concen: 2.01 ug/l
RT: 8.52 min Scan# 336
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 63 Resp: 87224

Ion	Ratio	Lower	Upper
63	100		
65	30.5	2.9	62.9
83	15.1	0.0	44.2

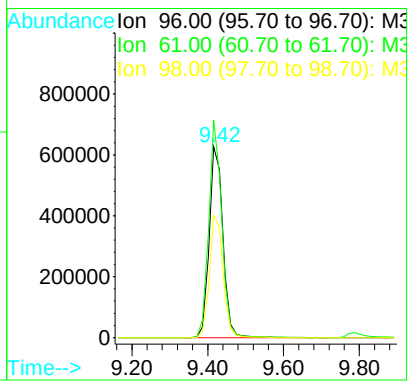


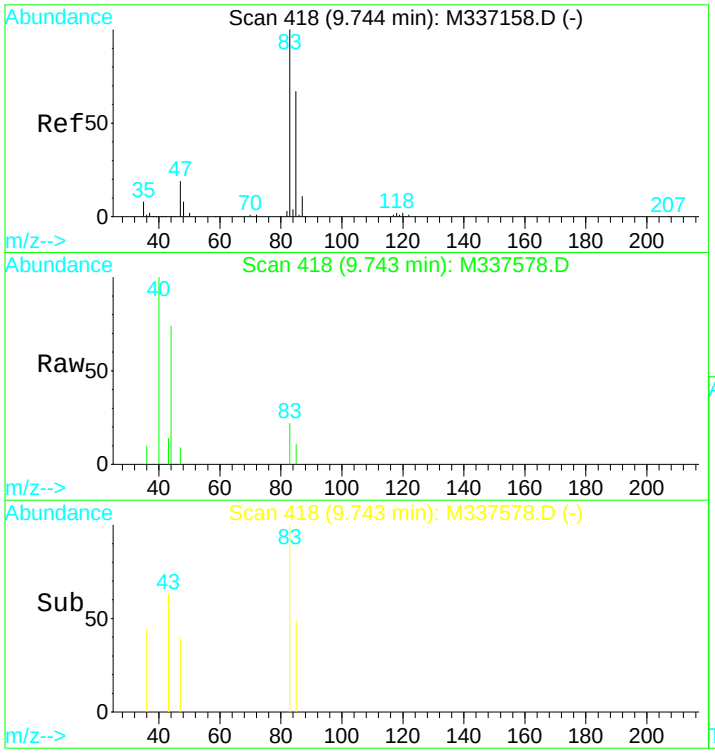


#27
cis-1,2 Dichloroethene
Concen: 47.27 ug/l
RT: 9.42 min Scan# 396
Delta R.T. -0.03 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 96 Resp: 1571300

Ion	Ratio	Lower	Upper
96	100		
61	113.9	77.5	137.5
98	64.1	33.9	93.9

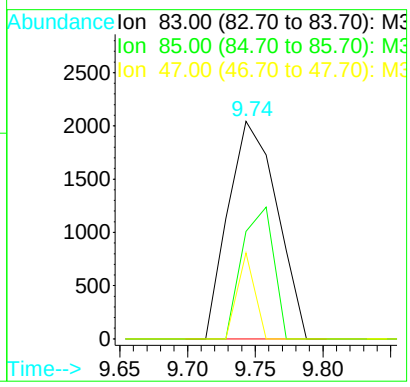


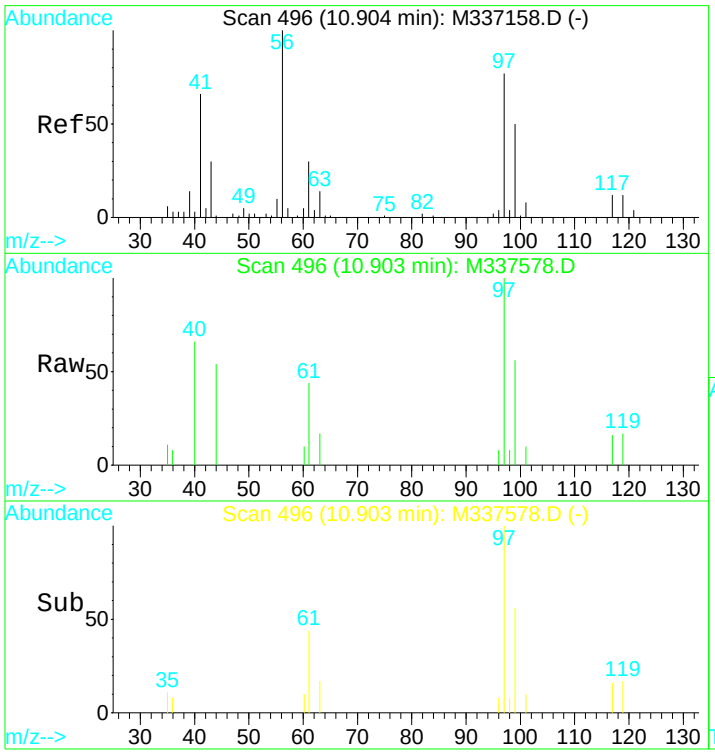


#33
Chloroform
Concen: 0.12 ug/l
RT: 9.74 min Scan# 418
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 83 Resp: 5112

Ion	Ratio	Lower	Upper
83	100		
85	49.3	37.1	97.1
47	39.5	0.0	53.5

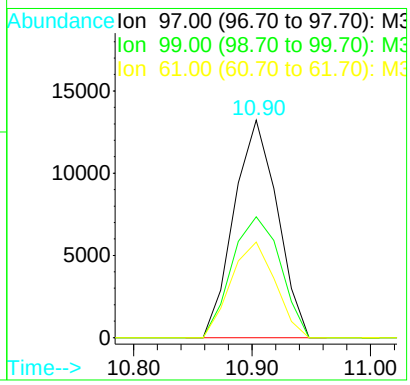


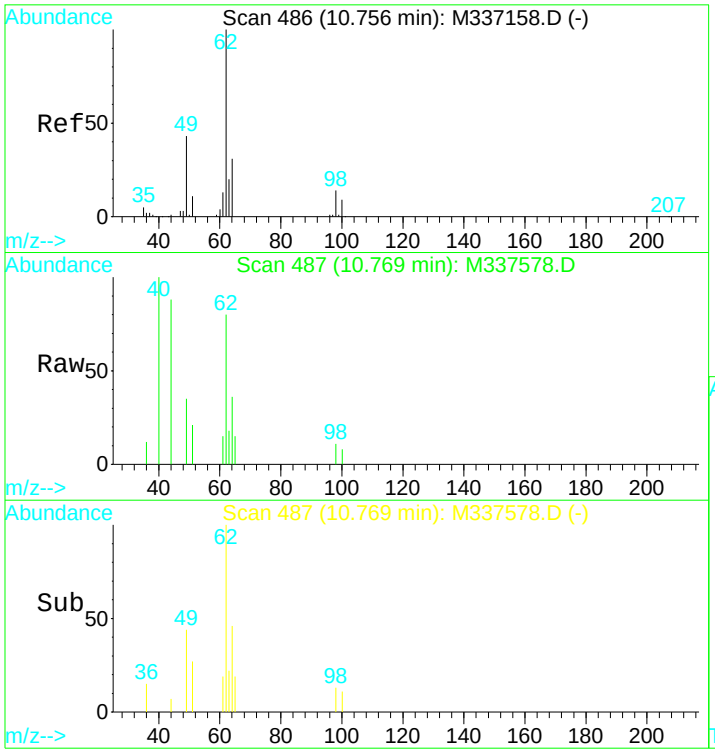


#36
1,1,1-Trichloroethane
Concen: 1.07 ug/l
RT: 10.90 min Scan# 496
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 97 Resp: 33562

Ion	Ratio	Lower	Upper
97	100		
99	55.5	34.9	94.9
61	44.0	9.8	69.8

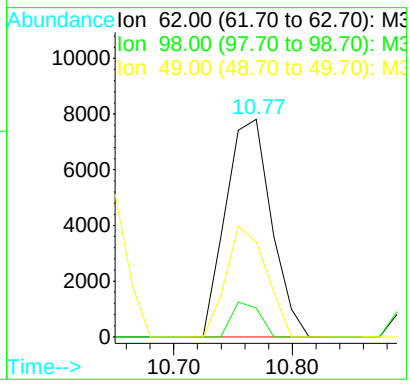


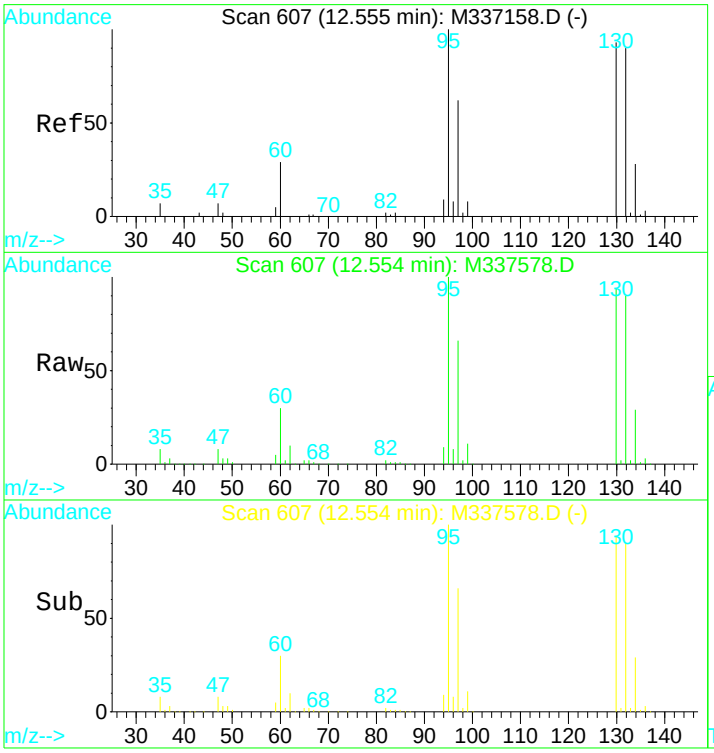


#42
1,2-Dichloroethane
Concen: 0.97 ug/l
RT: 10.77 min Scan# 487
Delta R.T. 0.00 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 62 Resp: 20866

Ion	Ratio	Lower	Upper
62	100		
98	13.2	0.0	44.4
49	43.6	13.0	73.0

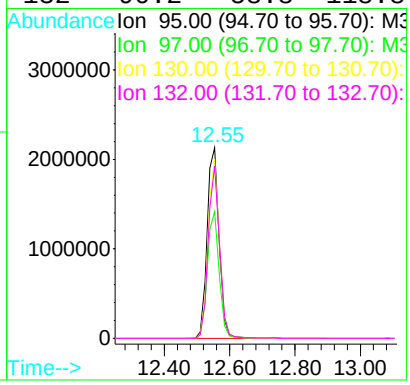


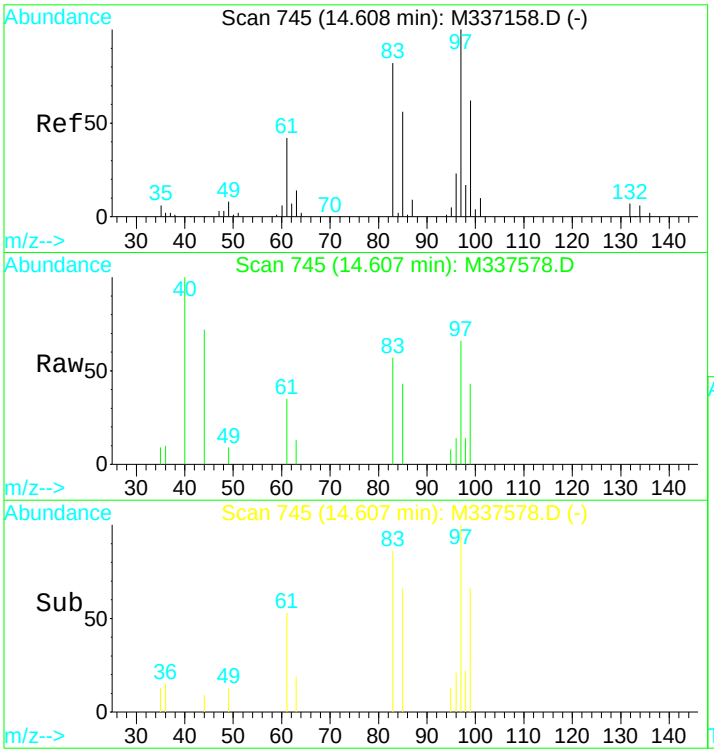


#44
Trichloroethene
Concen: 188.30 ug/l
RT: 12.55 min Scan# 607
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 95 Resp: 5390150

Ion	Ratio	Lower	Upper
95	100		
97	66.4	35.0	95.0
130	94.0	62.7	122.7
132	90.2	58.8	118.8

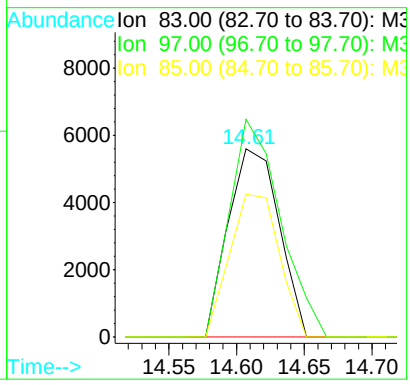


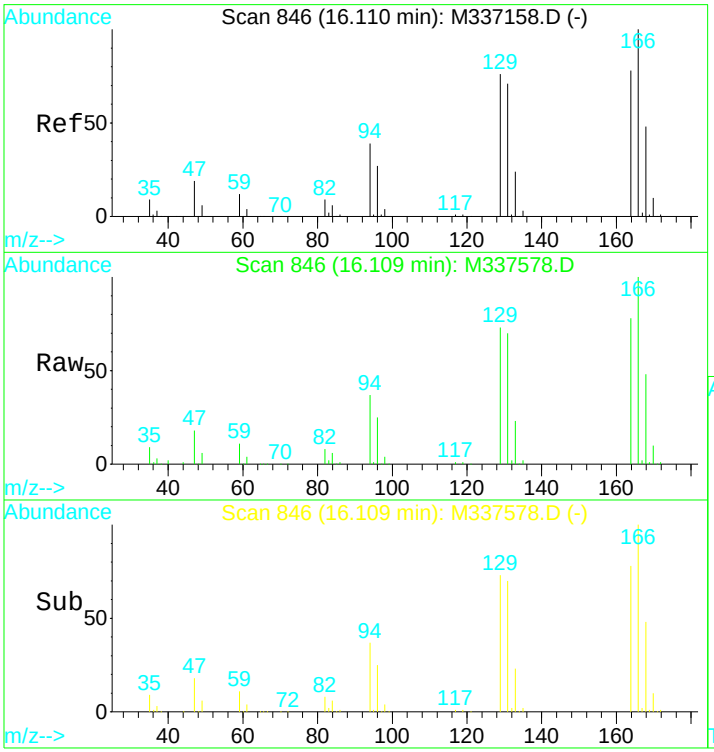


#56
1,1,2-Trichloroethane
Concen: 0.80 ug/l
RT: 14.61 min Scan# 745
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion: 83 Resp: 14570

Ion	Ratio	Lower	Upper
83	100		
97	115.6	91.3	151.3
85	75.9	37.4	97.4

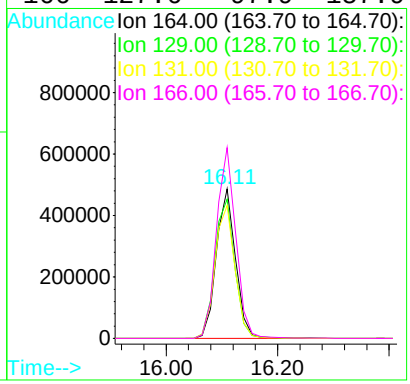




#63
Tetrachloroethene
Concen: 64.11 ug/l
RT: 16.11 min Scan# 846
Delta R.T. -0.01 min
Lab File: M337578.D
Acq: 8 Dec 2009 4:45 pm

Tgt Ion:164 Resp: 1162994

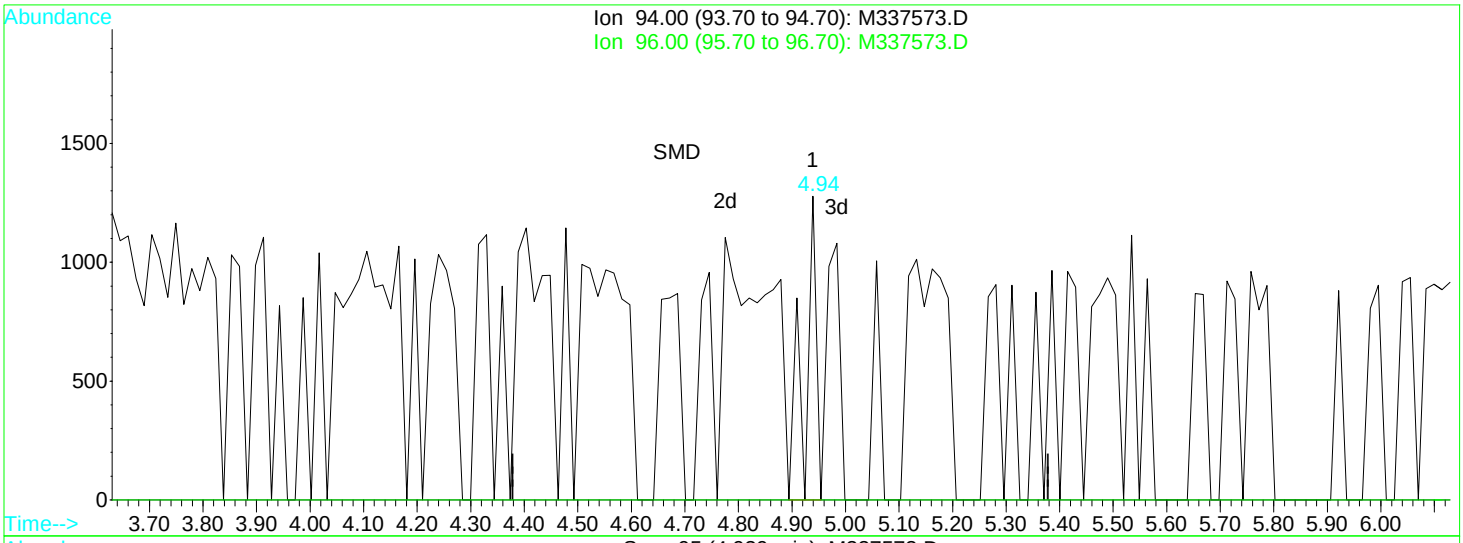
Ion	Ratio	Lower	Upper
164	100		
129	93.1	66.7	126.7
131	88.8	61.4	121.4
166	127.6	97.9	157.9

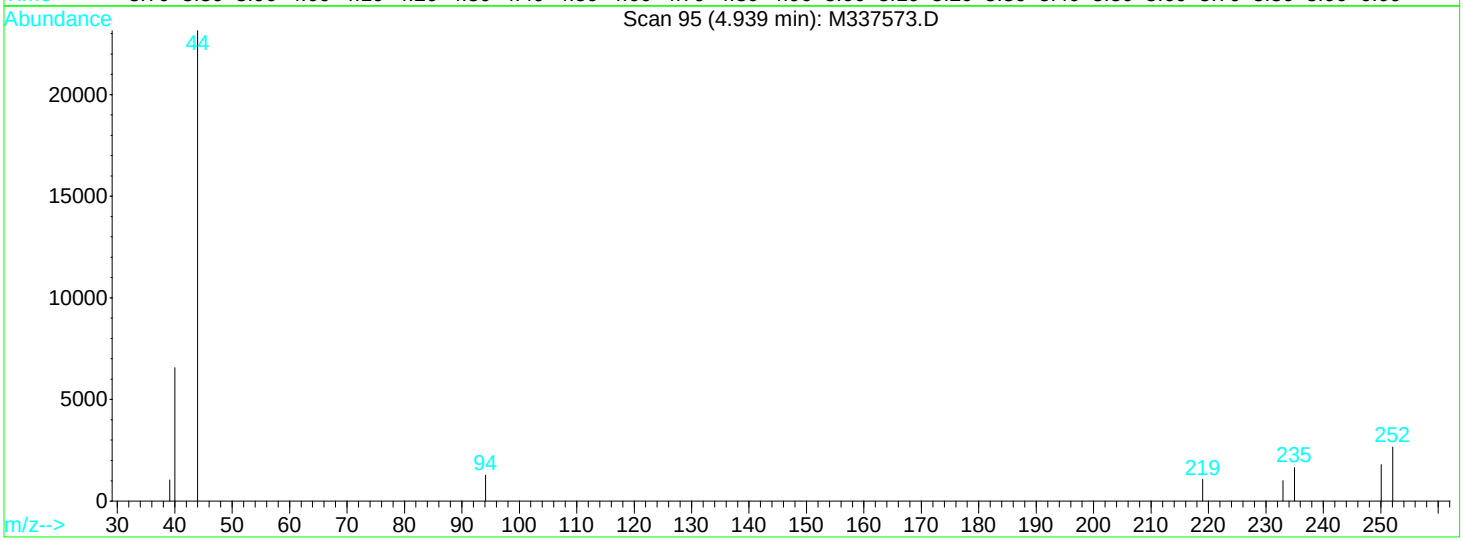


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 14:37 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337573.D

(5) Bromomethane

4.94min 0.12ug/l

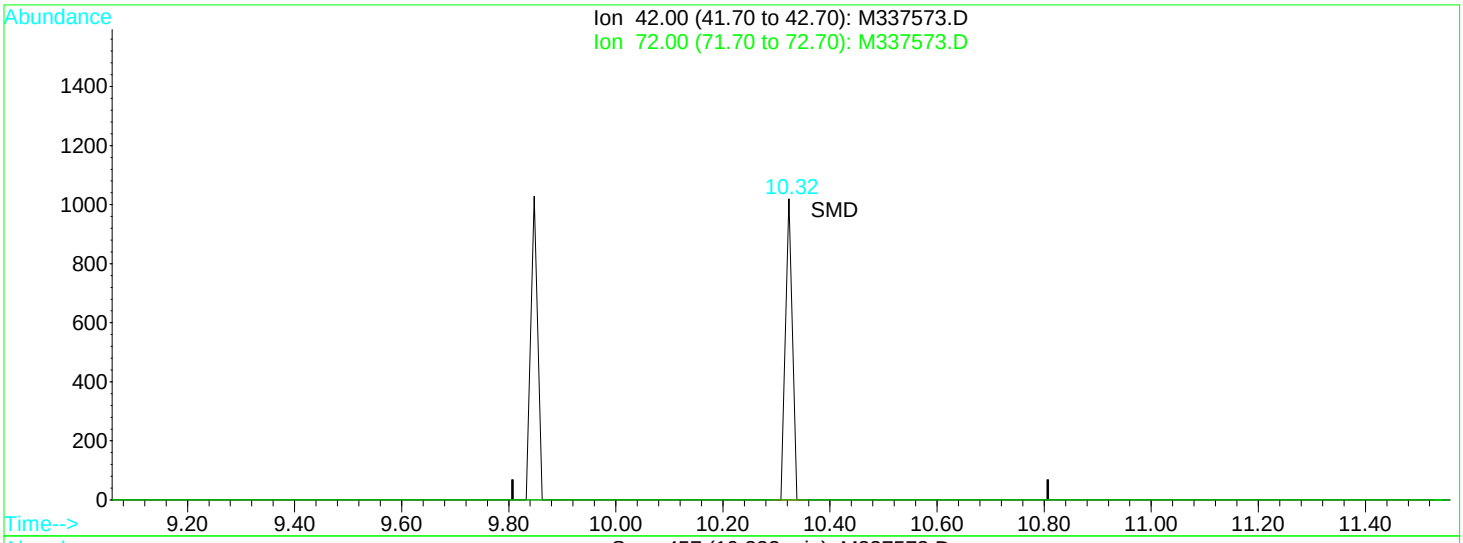
response 1897

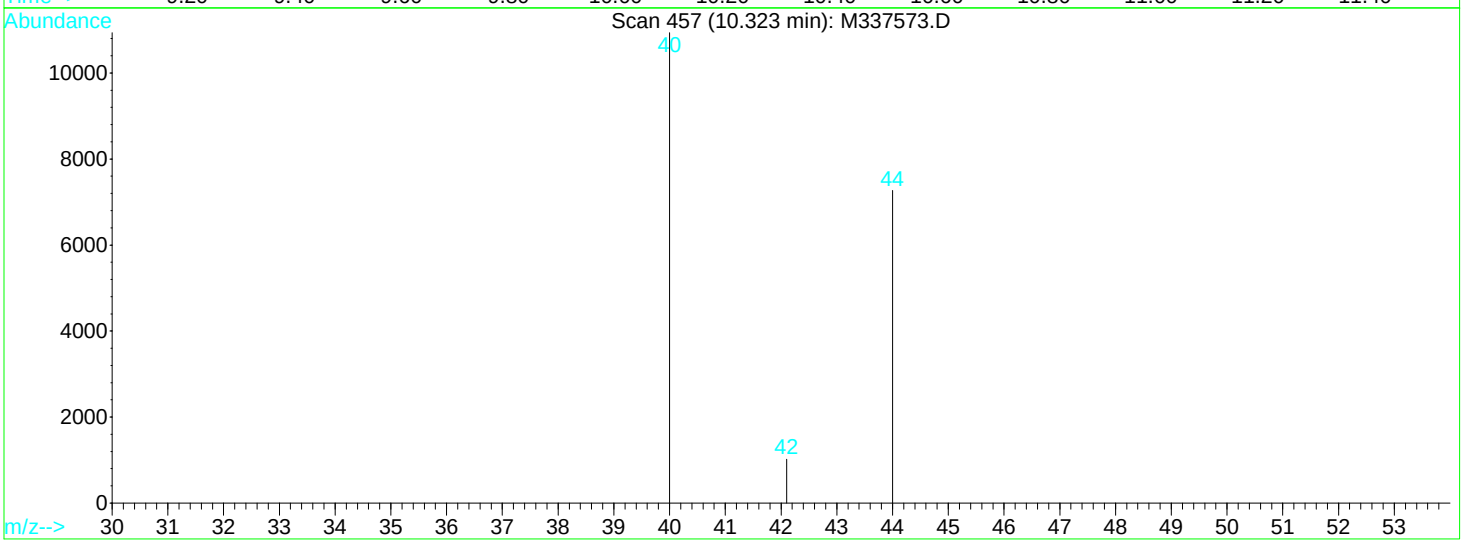
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:16 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337573.D

(32) Tetrahydrofuran

10.32min 0.22ug/l

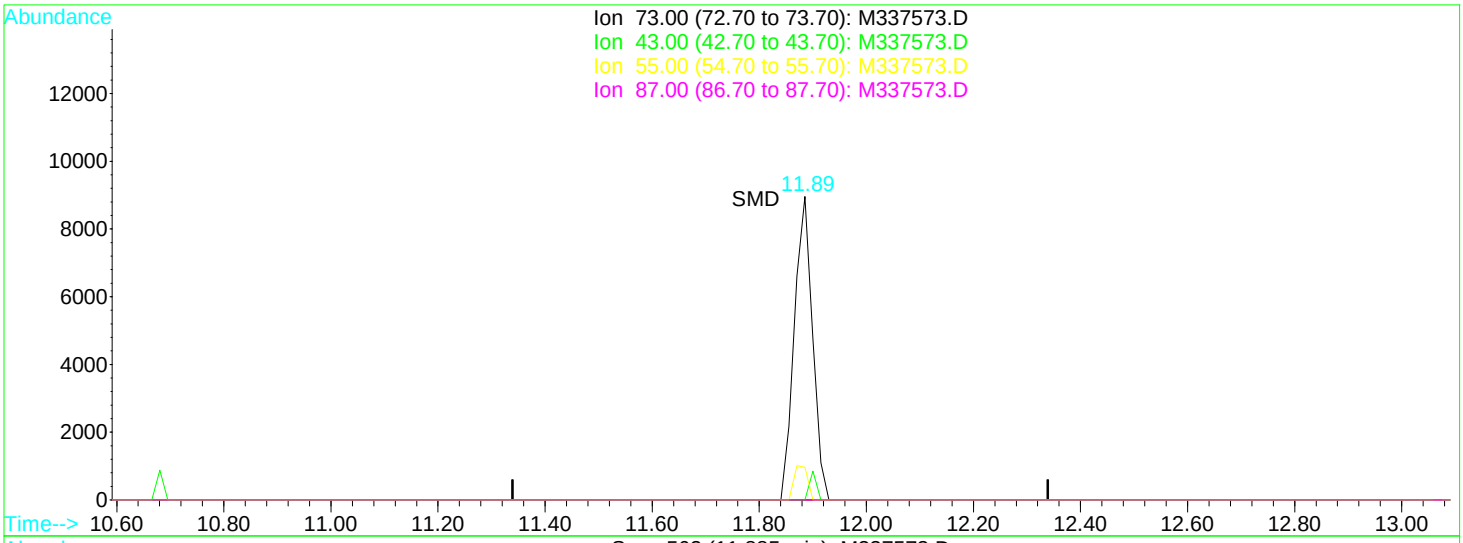
response 910

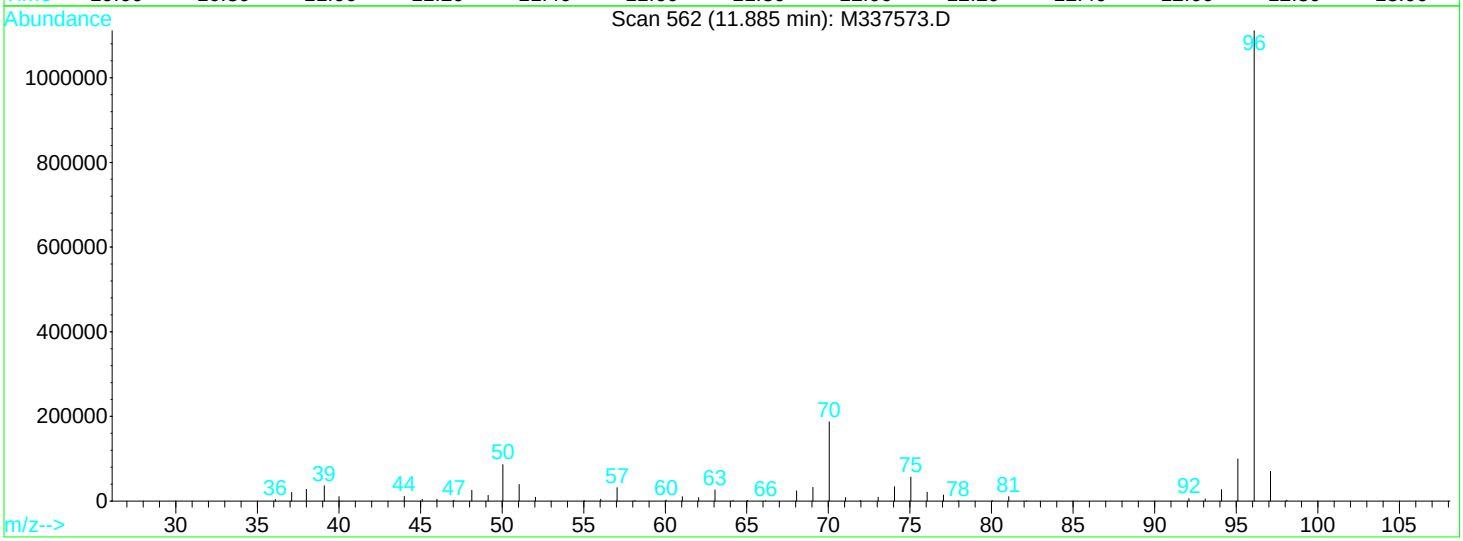
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:16 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337573.D

(43) Tertiary-amyl methyl ether

11.89min 0.50ug/l

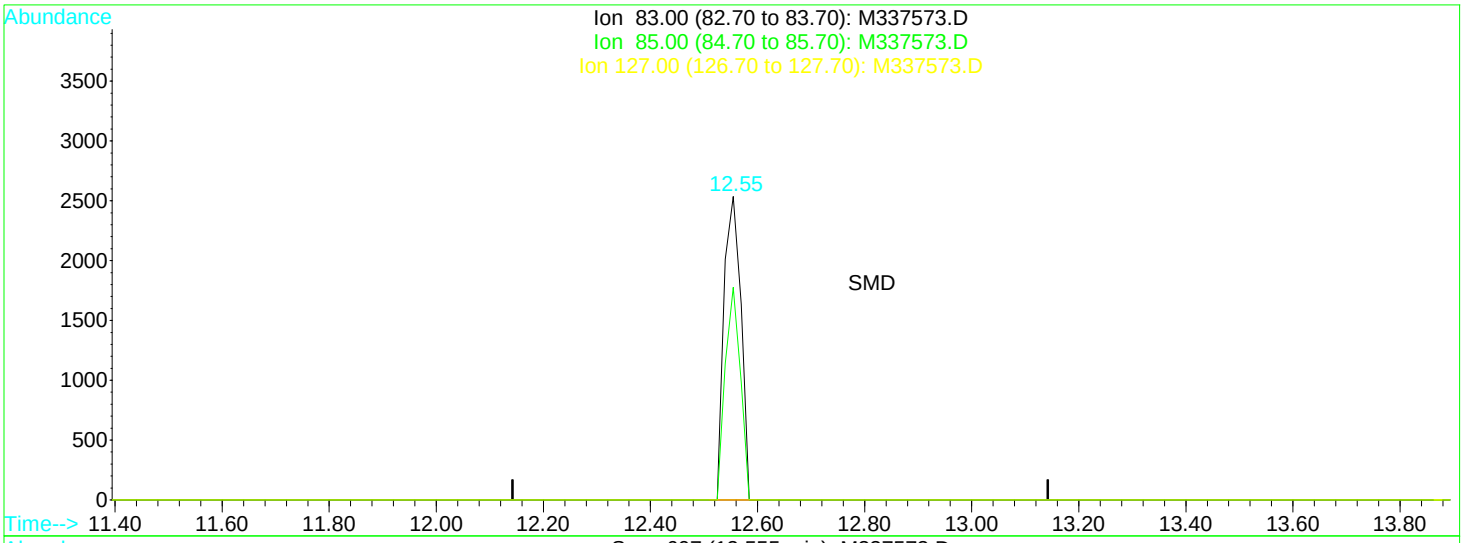
response 21059

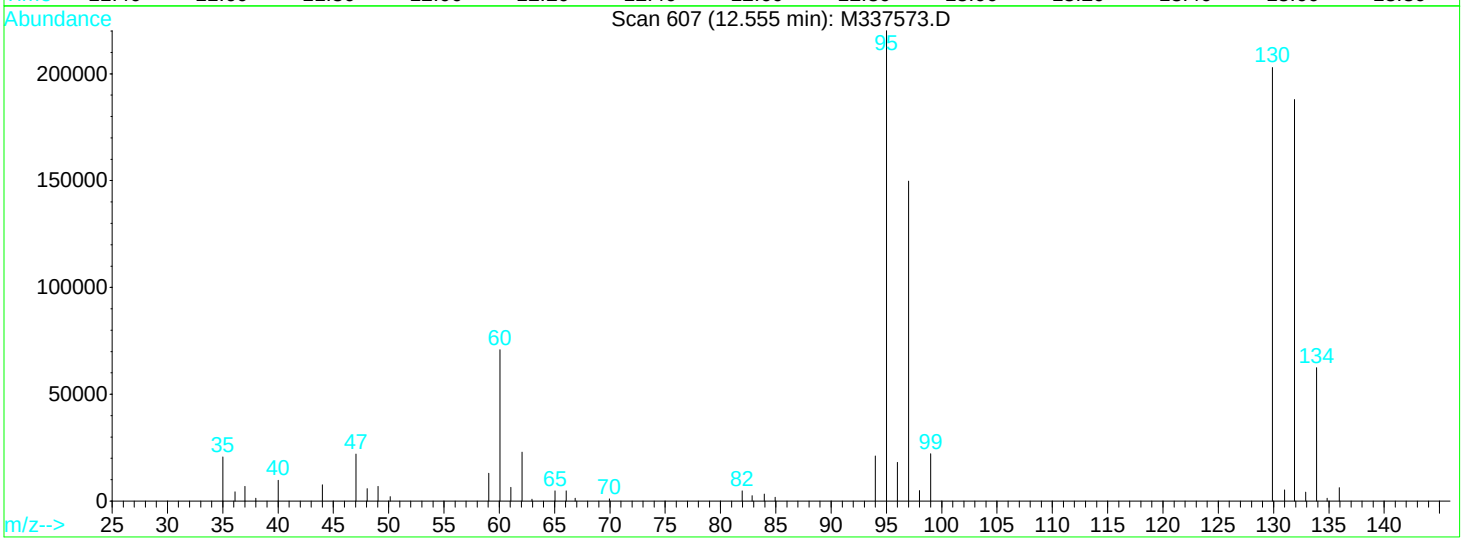
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	10.80
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337573.D

(48) Bromodichloromethane

12.55min 0.18ug/l

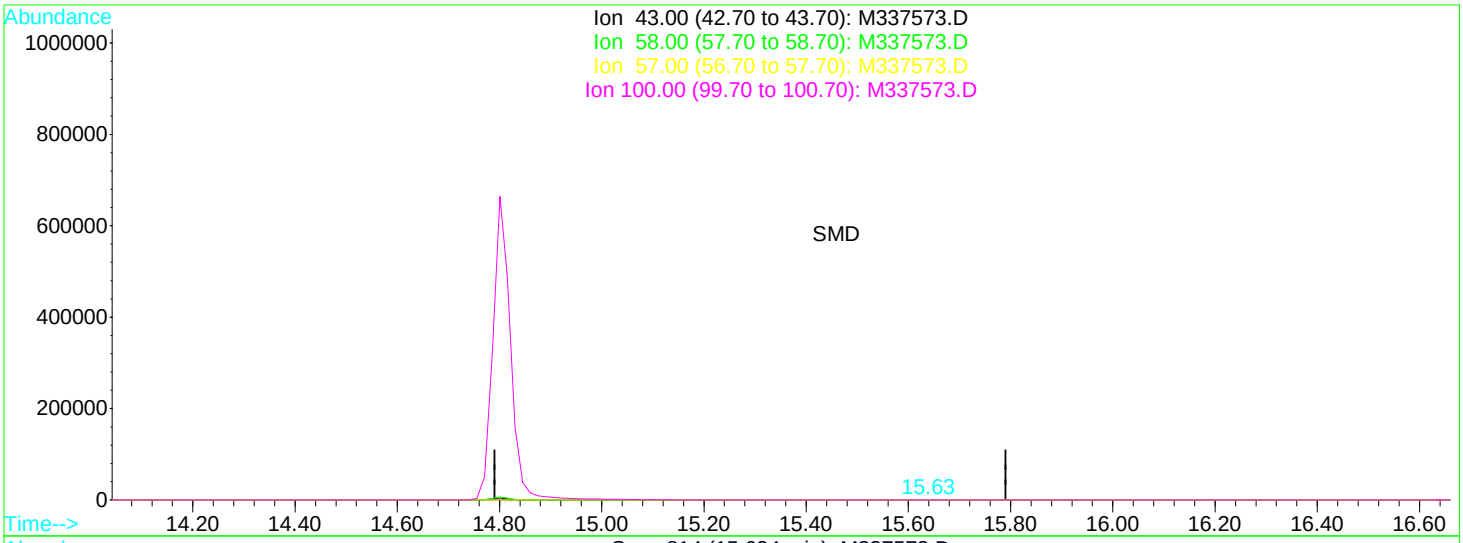
response 5518

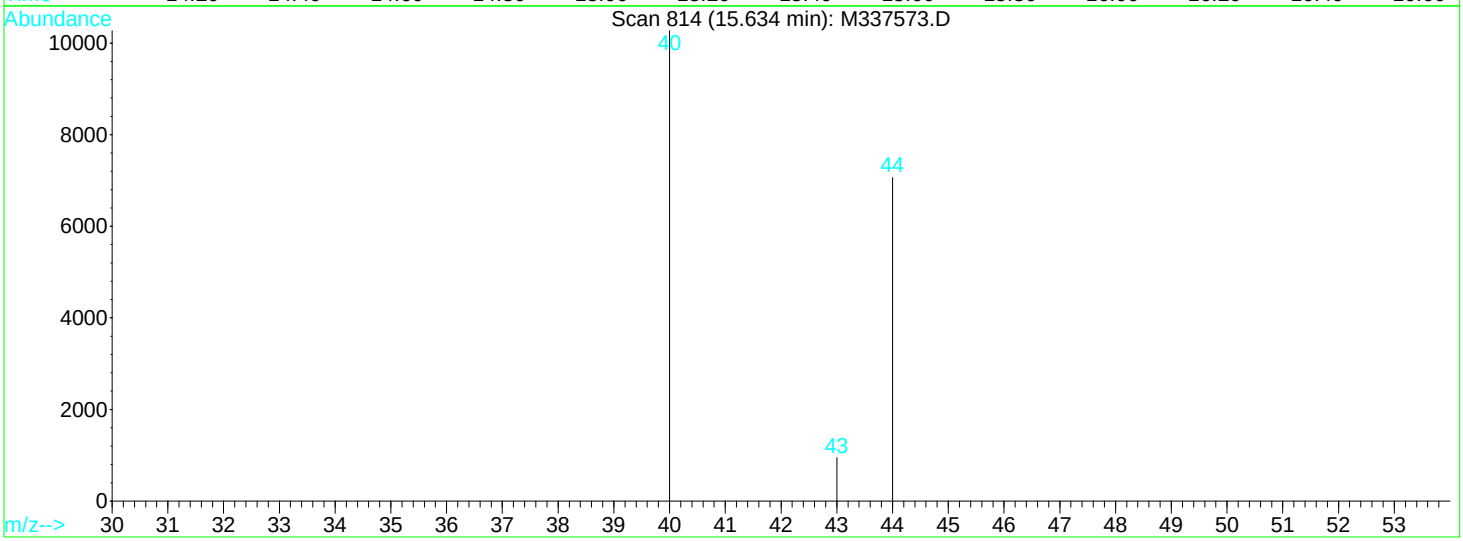
Ion	Exp%	Act%
83.00	100	100
85.00	64.00	69.99
127.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337573.D

(61) 2-Hexanone

15.63min 7.79ug/l

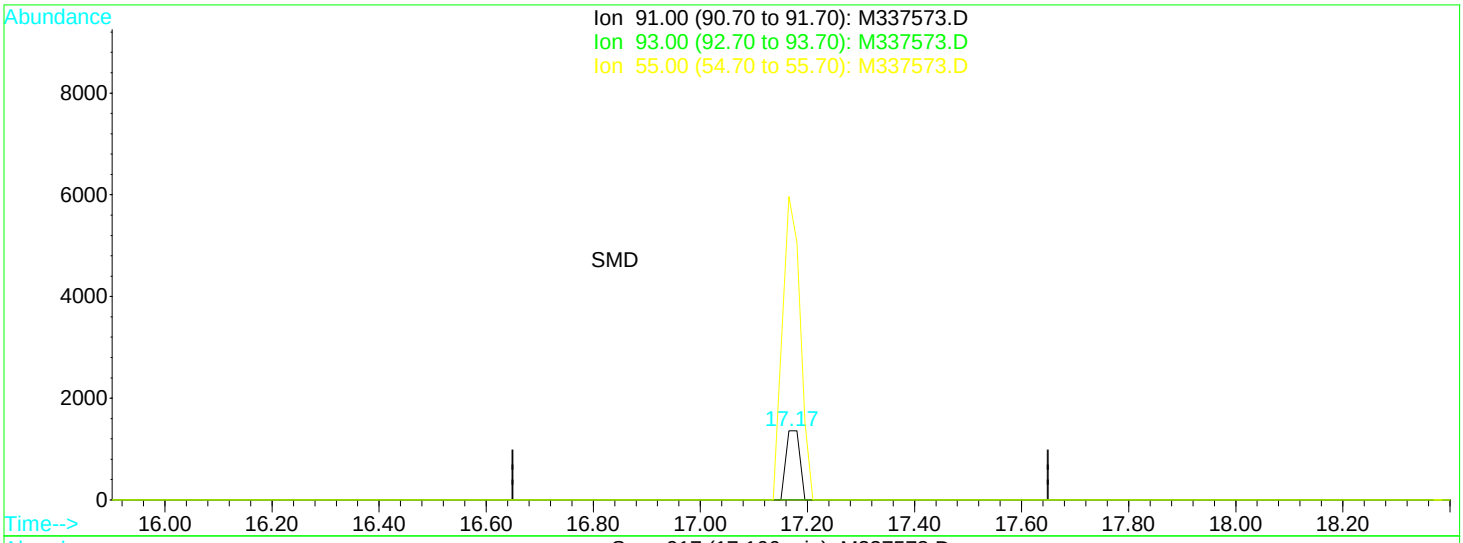
response 845

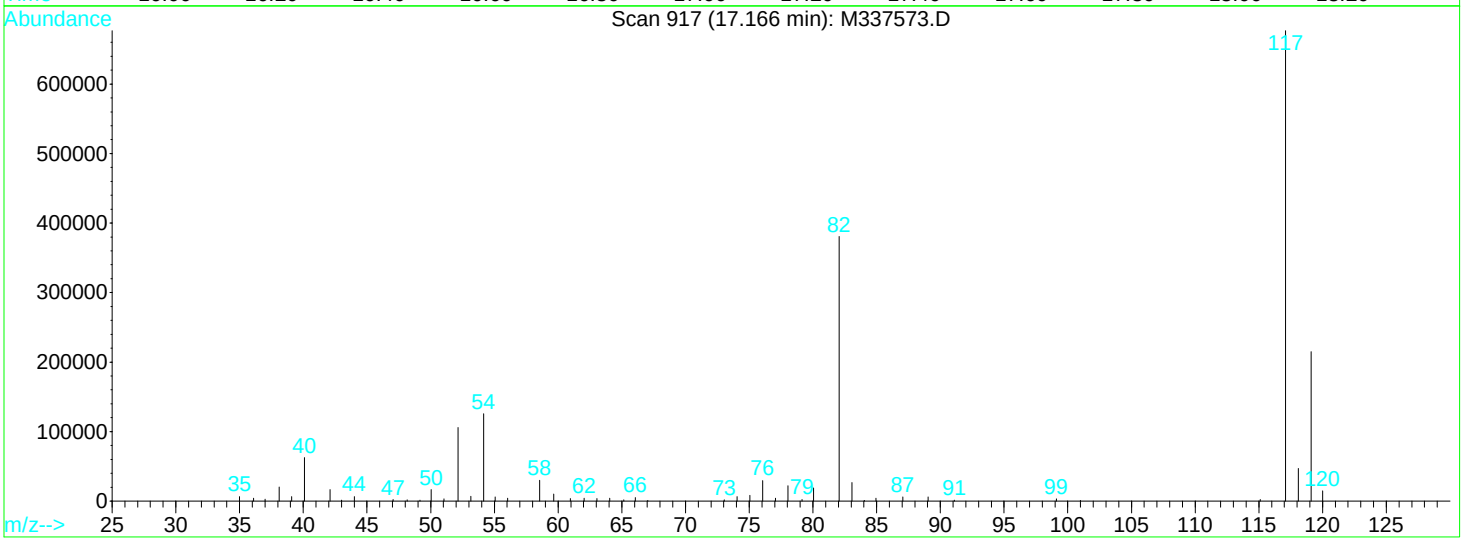
Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	0.00
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:18 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337573.D

(66) 1-Chlorohexane

17.17min 0.10ug/l

response 2426

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	438.75#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:18 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

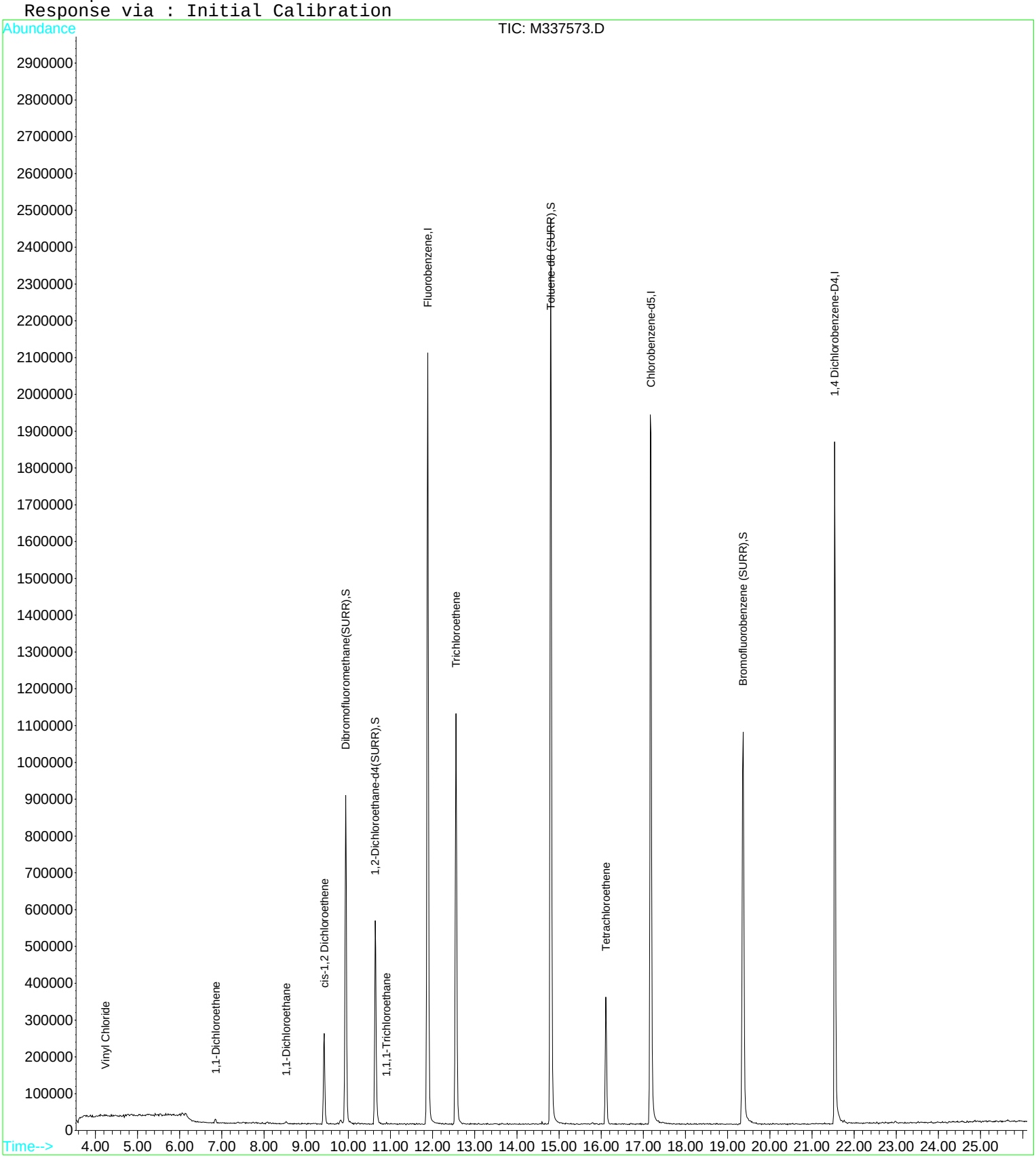
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2687873	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.18	117	1920767	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	675522	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	743638	22.40	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.60%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	436330	23.97	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.88%			
59) Toluene-d8 (SURR)	14.80	98	2345762	23.69	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.76%			
75) Bromofluorobenzene (SURR)	19.37	95	780361	22.96	ug/l	-0.01
Spiked Amount 25.000			Recovery = 91.84%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.24	62	3564	0.16	ug/l	65
16) 1,1-Dichloroethene	6.86	96	8356	0.33	ug/l #	75
21) 1,1-Dichloroethane	8.52	63	9438	0.22	ug/l	80
27) cis-1,2 Dichloroethene	9.43	96	158754	4.88	ug/l	97
36) 1,1,1-Trichloroethane	10.90	97	3277	0.11	ug/l #	71
44) Trichloroethene	12.55	95	539583	19.26	ug/l	97
63) Tetrachloroethene	16.11	164	118728	6.63	ug/l	98

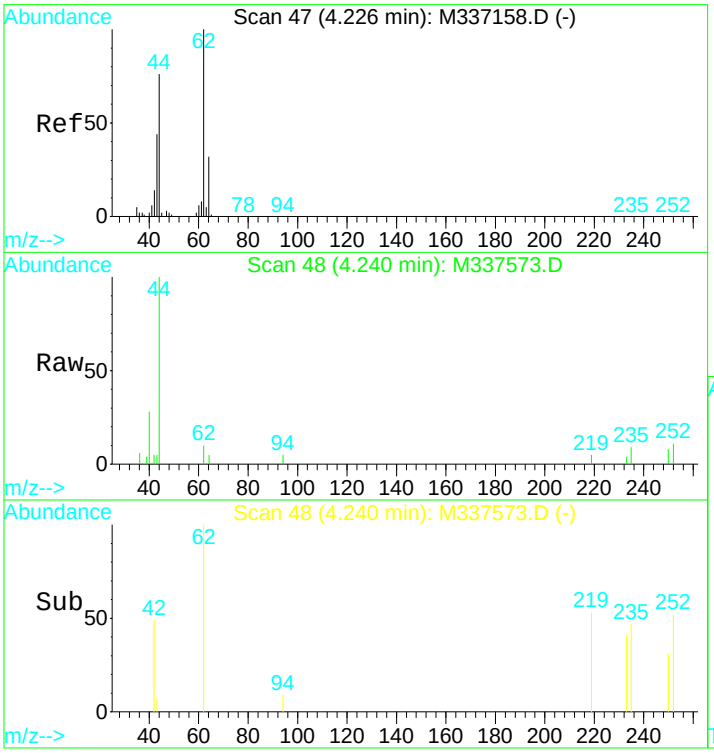
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337573.D Vial: 12
Acq On : 8 Dec 2009 2:07 pm Operator: MD
Sample : 0912038-09RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:18 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

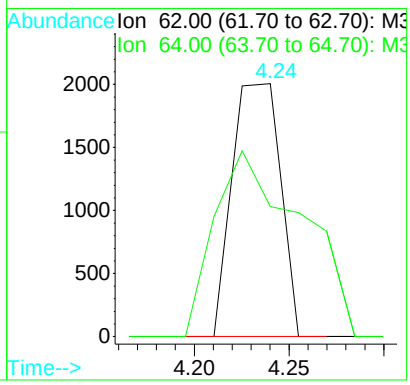


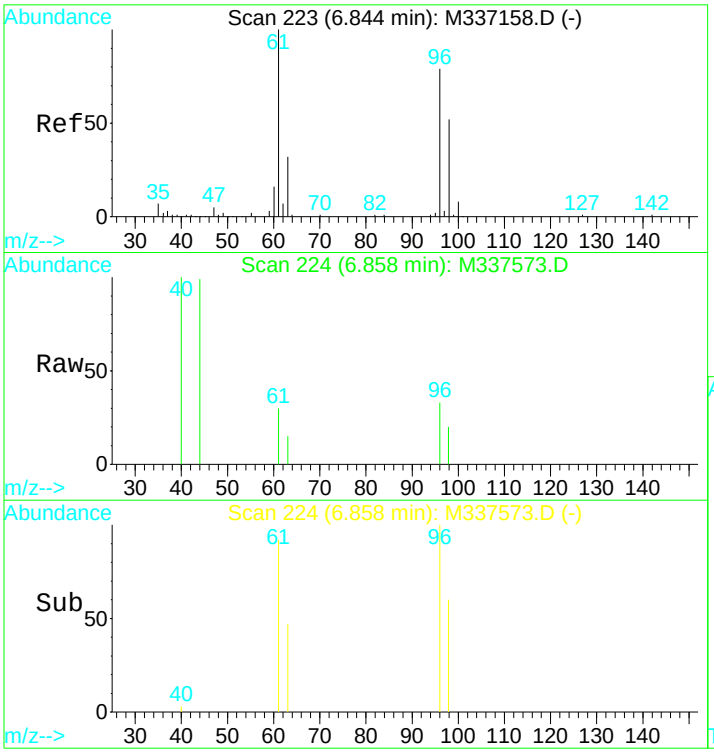


#4
Vinyl Chloride
Concen: 0.16 ug/l
RT: 4.24 min Scan# 48
Delta R.T. 0.00 min
Lab File: M337573.D
Acq: 8 Dec 2009 2:07 pm

Tgt Ion: 62 Resp: 3564

Ion	Ratio	Lower	Upper
62	100		
64	51.4	1.8	61.8

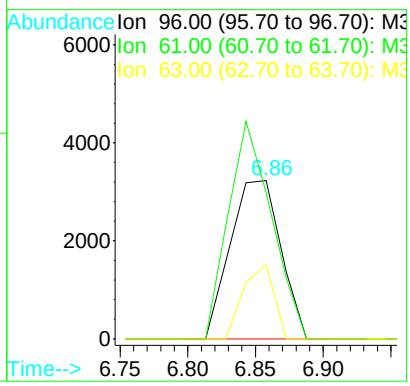


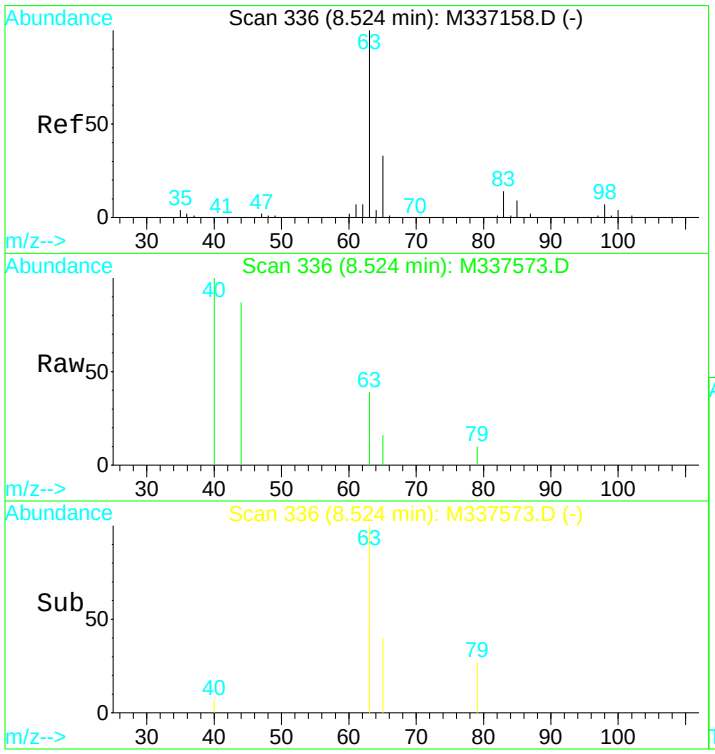


#16
1,1-Dichloroethene
Concen: 0.33 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.00 min
Lab File: M337573.D
Acq: 8 Dec 2009 2:07 pm

Tgt Ion: 96 Resp: 8356

Ion	Ratio	Lower	Upper
96	100		
61	92.3	96.1	156.1#
63	46.7	10.0	70.0

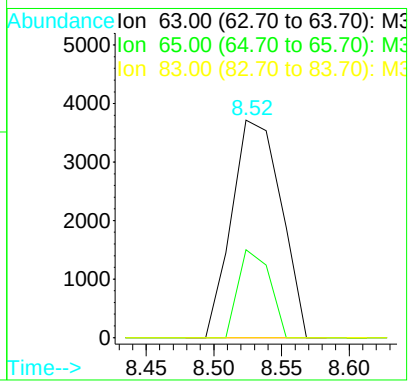


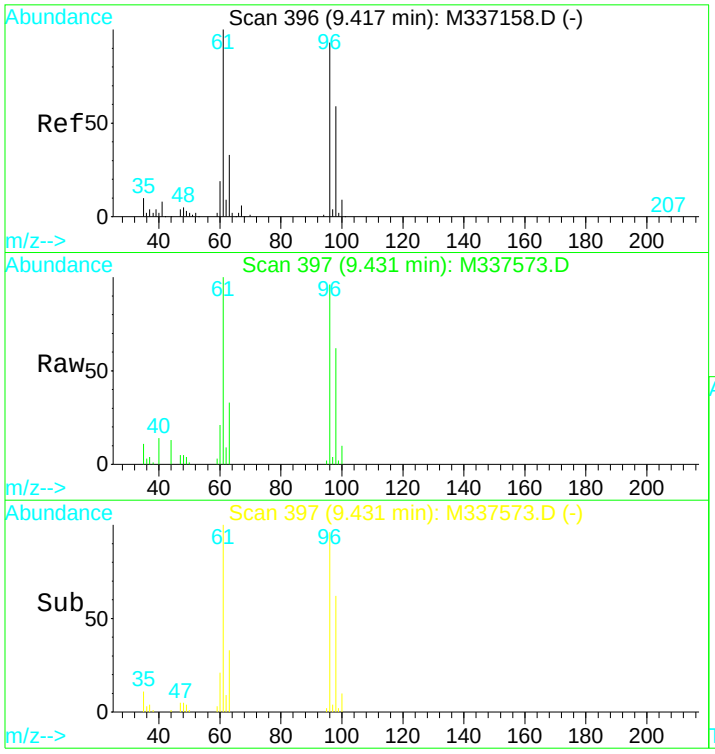


#21
1,1-Dichloroethane
Concen: 0.22 ug/l
RT: 8.52 min Scan# 336
Delta R.T. -0.01 min
Lab File: M337573.D
Acq: 8 Dec 2009 2:07 pm

Tgt Ion: 63 Resp: 9438

Ion	Ratio	Lower	Upper
63	100		
65	40.4	2.9	62.9
83	0.0	0.0	44.2

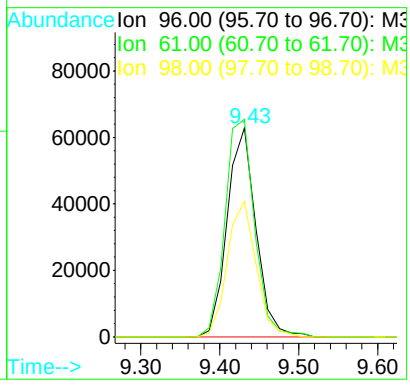


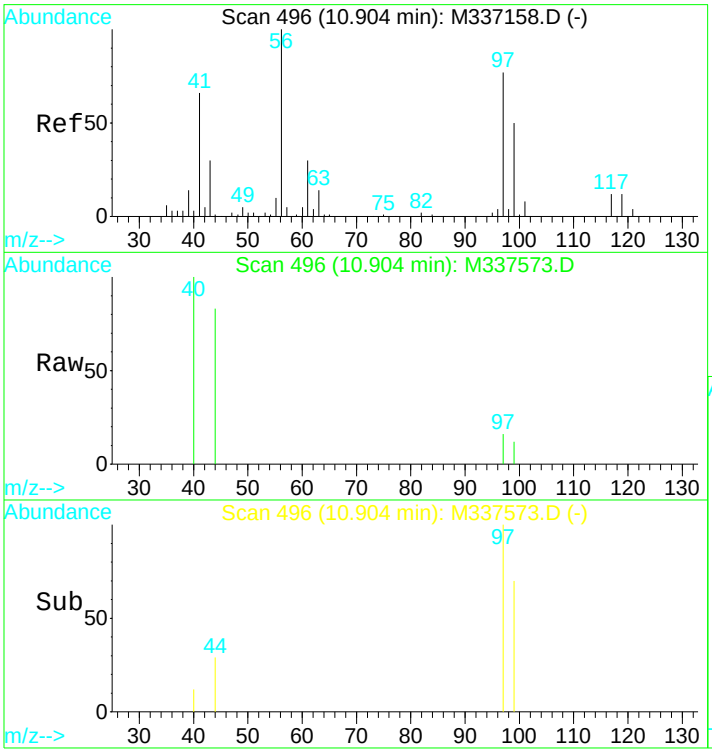


#27
cis-1,2 Dichloroethene
Concen: 4.88 ug/l
RT: 9.43 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337573.D
Acq: 8 Dec 2009 2:07 pm

Tgt Ion: 96 Resp: 158754

Ion	Ratio	Lower	Upper
96	100		
61	104.1	77.5	137.5
98	64.9	33.9	93.9

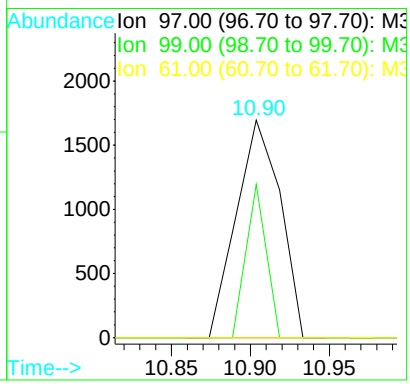


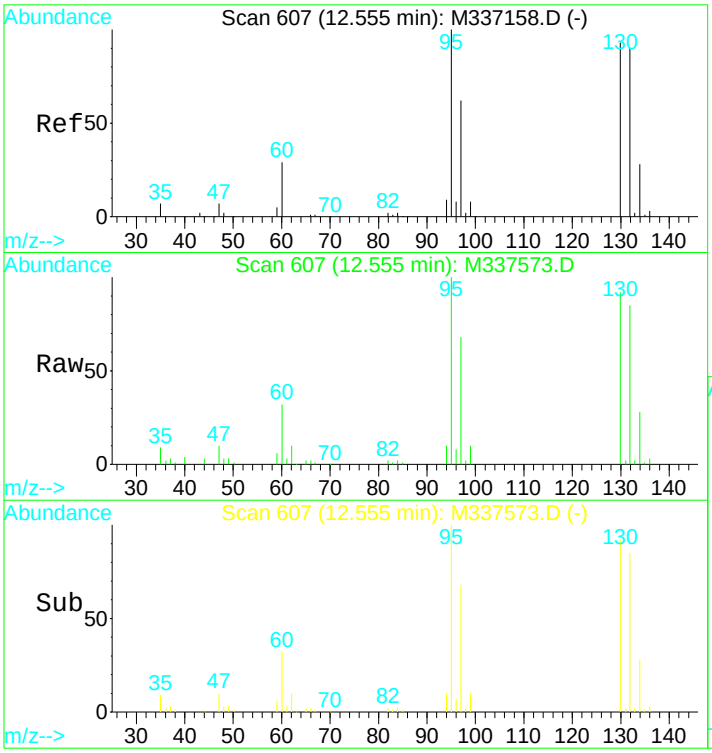


#36
1,1,1-Trichloroethane
Concen: 0.11 ug/l
RT: 10.90 min Scan# 496
Delta R.T. -0.01 min
Lab File: M337573.D
Acq: 8 Dec 2009 2:07 pm

Tgt Ion: 97 Resp: 3277

Ion	Ratio	Lower	Upper
97	100		
99	70.4	34.9	94.9
61	0.0	9.8	69.8#

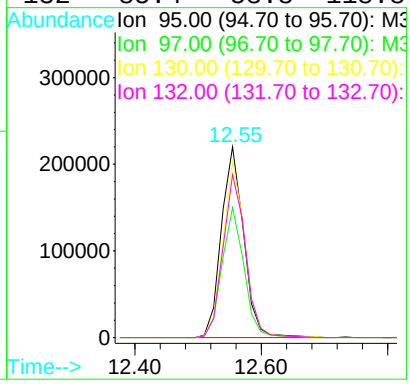


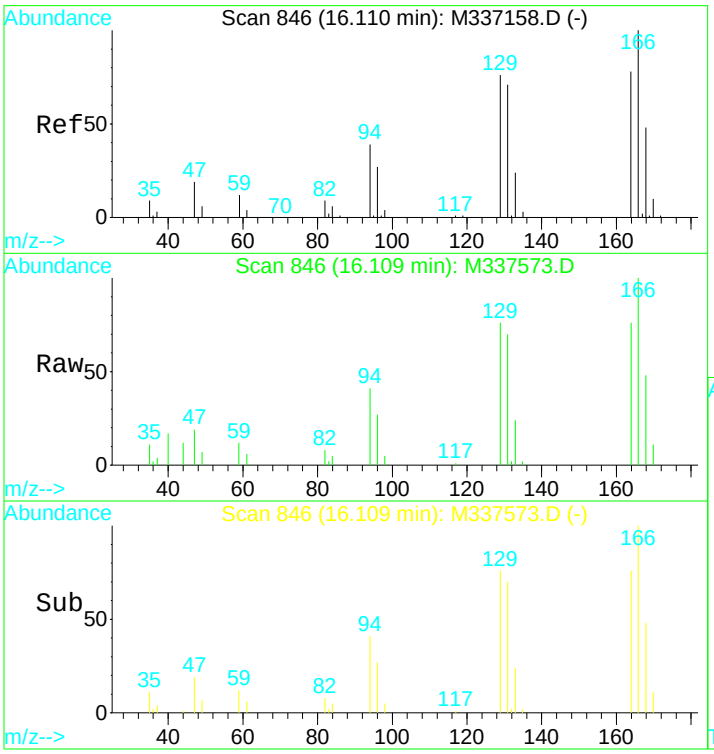


#44
Trichloroethene
Concen: 19.26 ug/l
RT: 12.55 min Scan# 607
Delta R.T. -0.01 min
Lab File: M337573.D
Acq: 8 Dec 2009 2:07 pm

Tgt Ion: 95 Resp: 539583

Ion	Ratio	Lower	Upper
95	100		
97	68.1	35.0	95.0
130	92.2	62.7	122.7
132	85.4	58.8	118.8

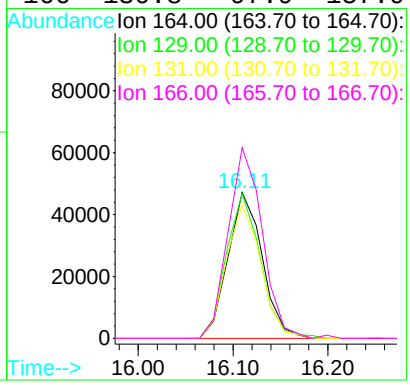




#63
Tetrachloroethene
Concen: 6.63 ug/l
RT: 16.11 min Scan# 846
Delta R.T. -0.01 min
Lab File: M337573.D
Acq: 8 Dec 2009 2:07 pm

Tgt Ion:164 Resp: 118728

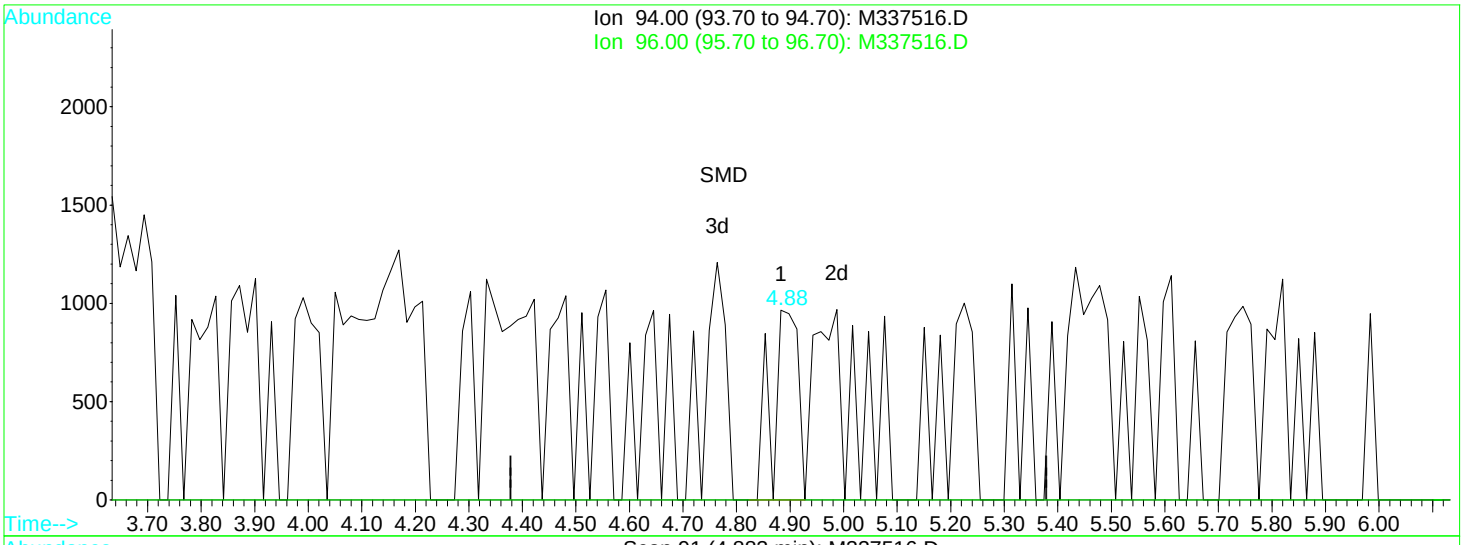
Ion	Ratio	Lower	Upper
164	100		
129	99.3	66.7	126.7
131	91.7	61.4	121.4
166	130.8	97.9	157.9

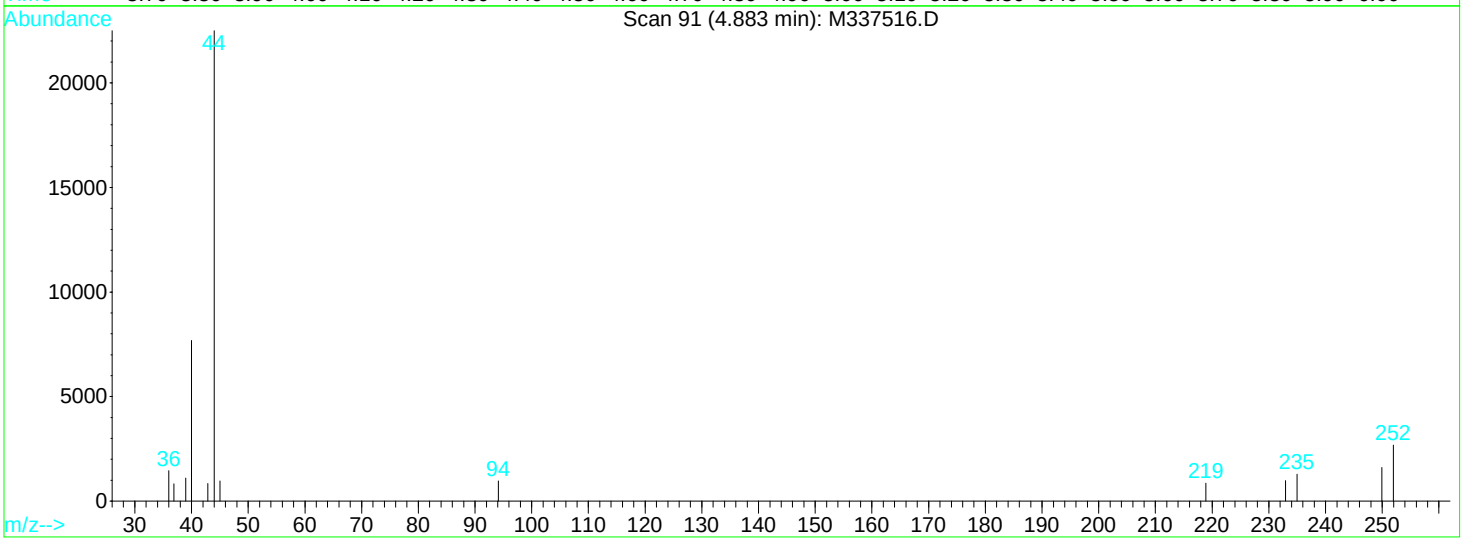


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337516.D Vial: 17
Acq On : 4 Dec 2009 4:40 pm Operator: MD
Sample : 0912038-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 17:10 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337516.D

(5) Bromomethane

4.88min 0.19ug/l

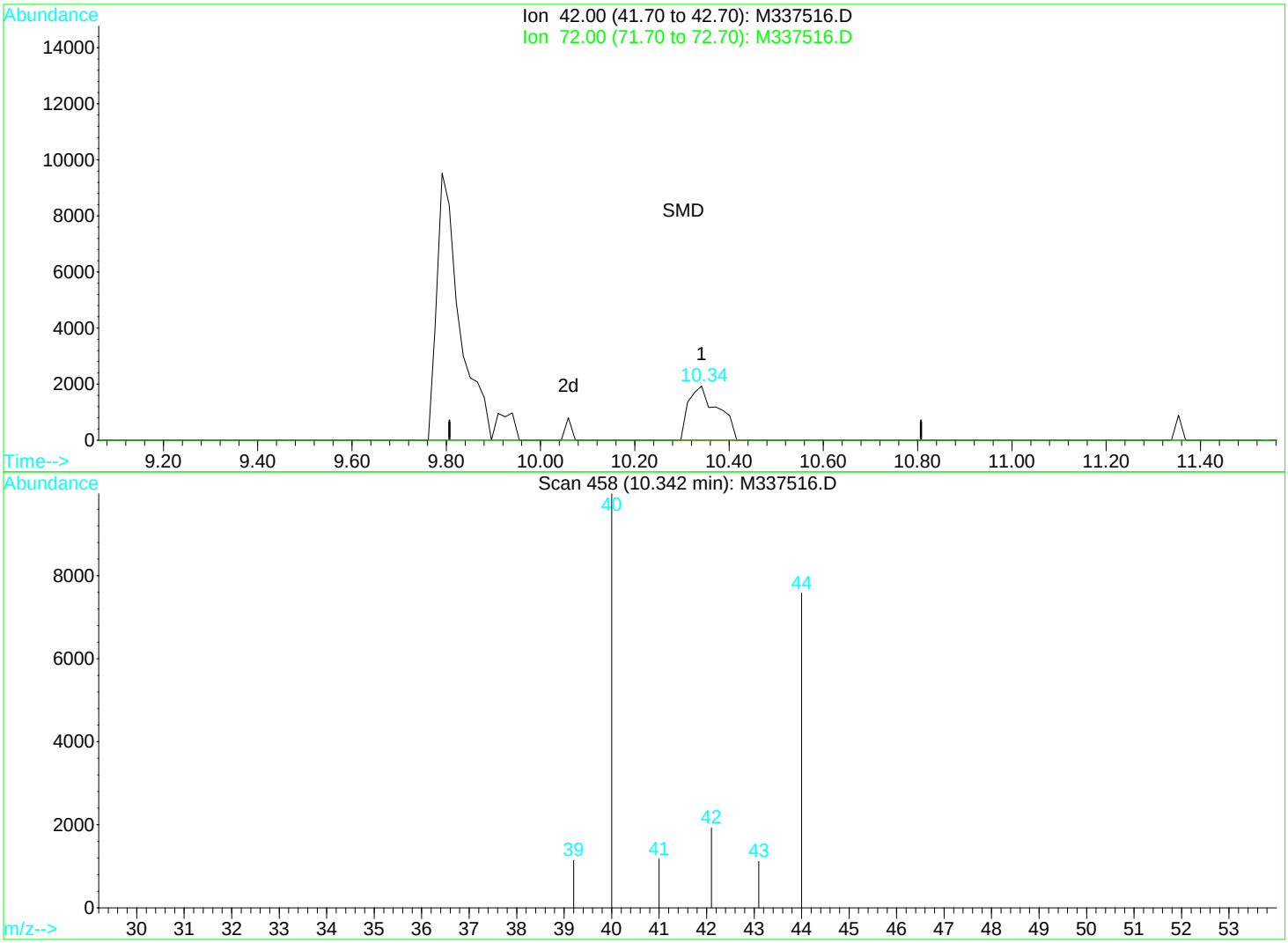
response 3238

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337516.D Vial: 17
Acq On : 4 Dec 2009 4:40 pm Operator: MD
Sample : 0912038-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:09 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337516.D

(32) Tetrahydrofuran

10.34min 1.85ug/l

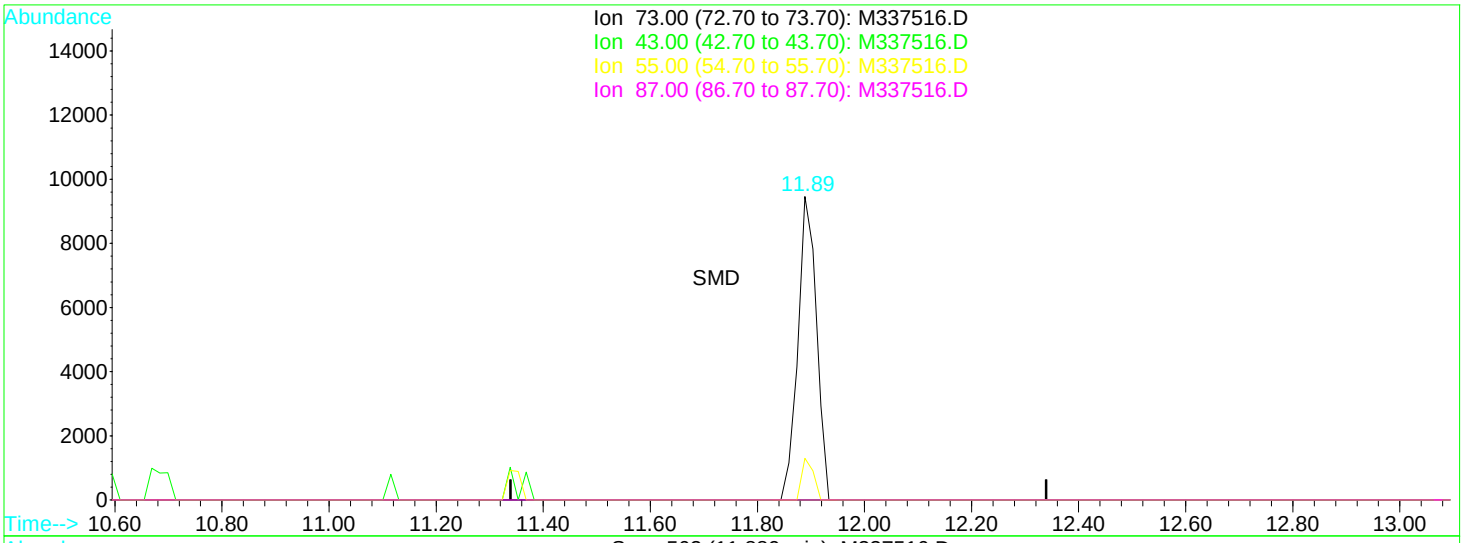
response 8269

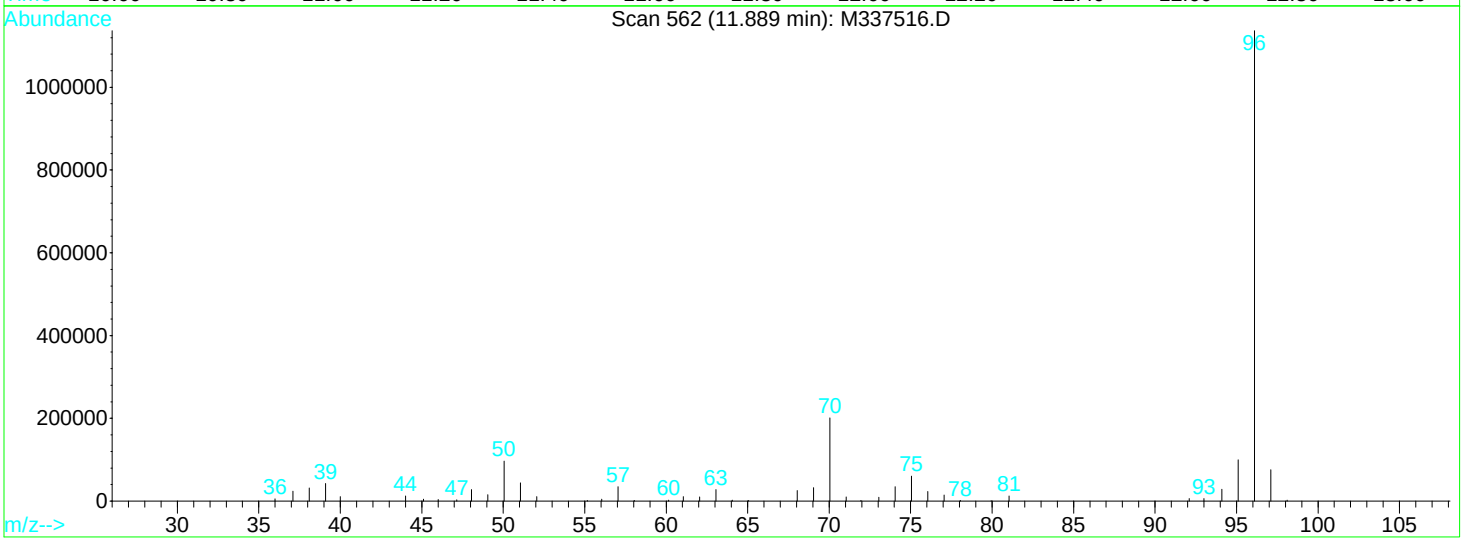
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337516.D Vial: 17
Acq On : 4 Dec 2009 4:40 pm Operator: MD
Sample : 0912038-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:09 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337516.D

(43) Tertiary-amyl methyl ether

11.89min 0.51ug/l

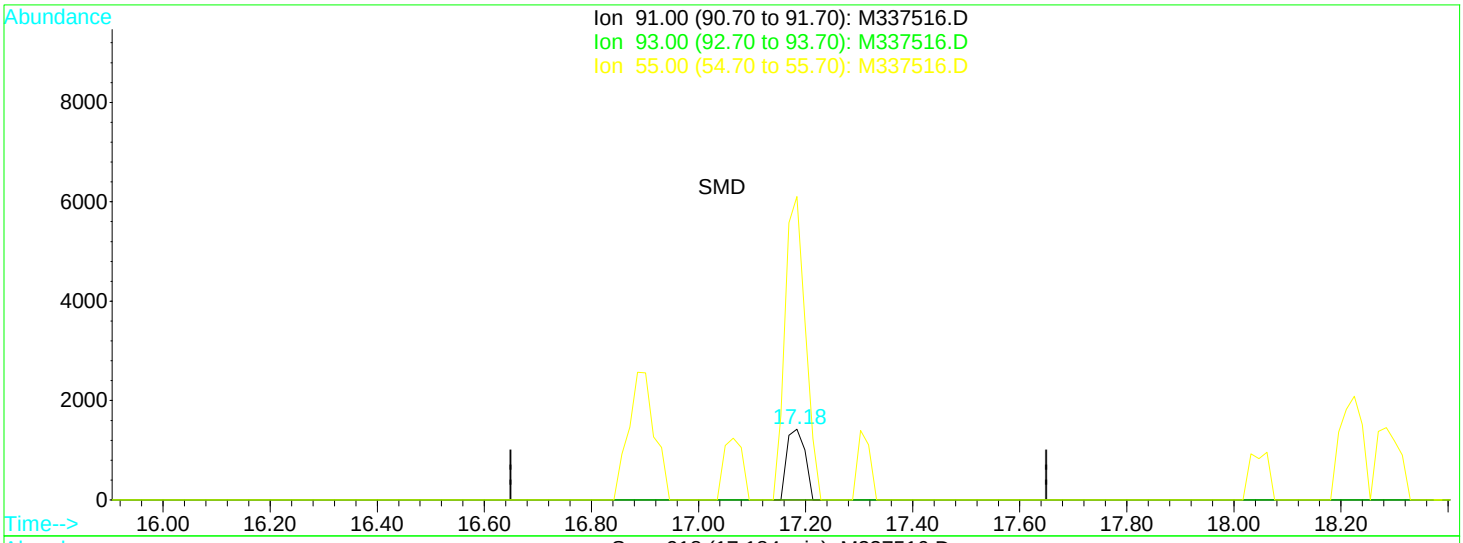
response 22783

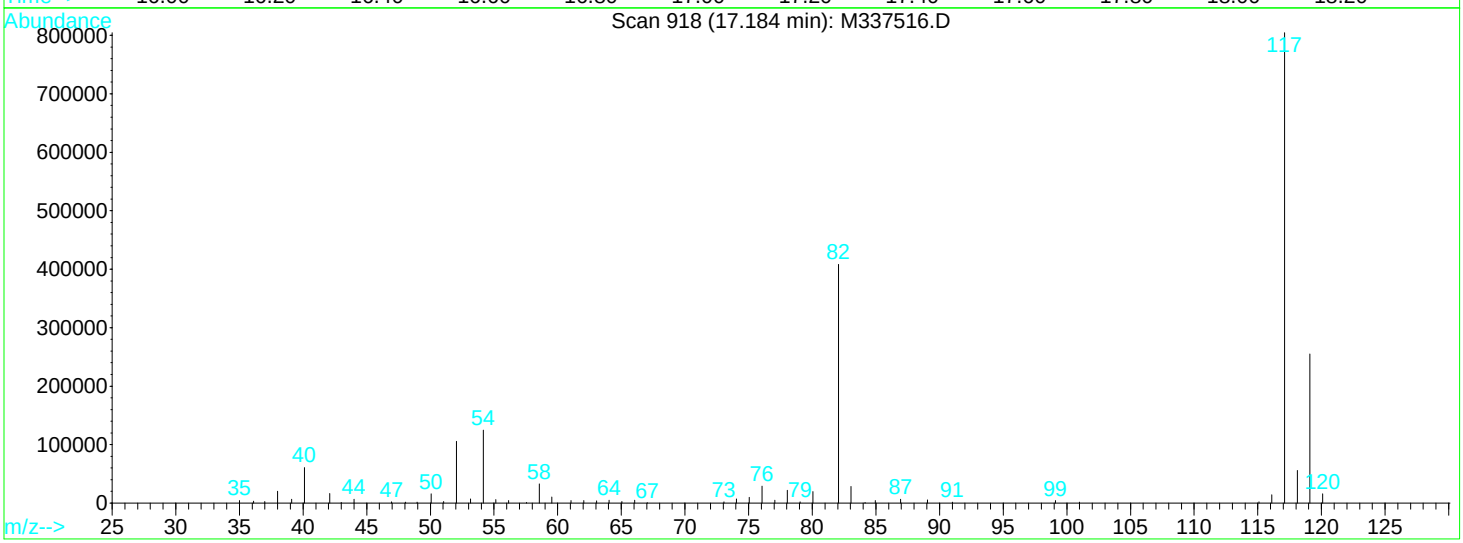
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	13.70
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337516.D Vial: 17
Acq On : 4 Dec 2009 4:40 pm Operator: MD
Sample : 0912038-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:09 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337516.D

(66) 1-Chlorohexane

17.18min 0.13ug/l

response 3330

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	428.93#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337516.D Vial: 17
Acq On : 4 Dec 2009 4:40 pm Operator: MD
Sample : 0912038-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:09 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

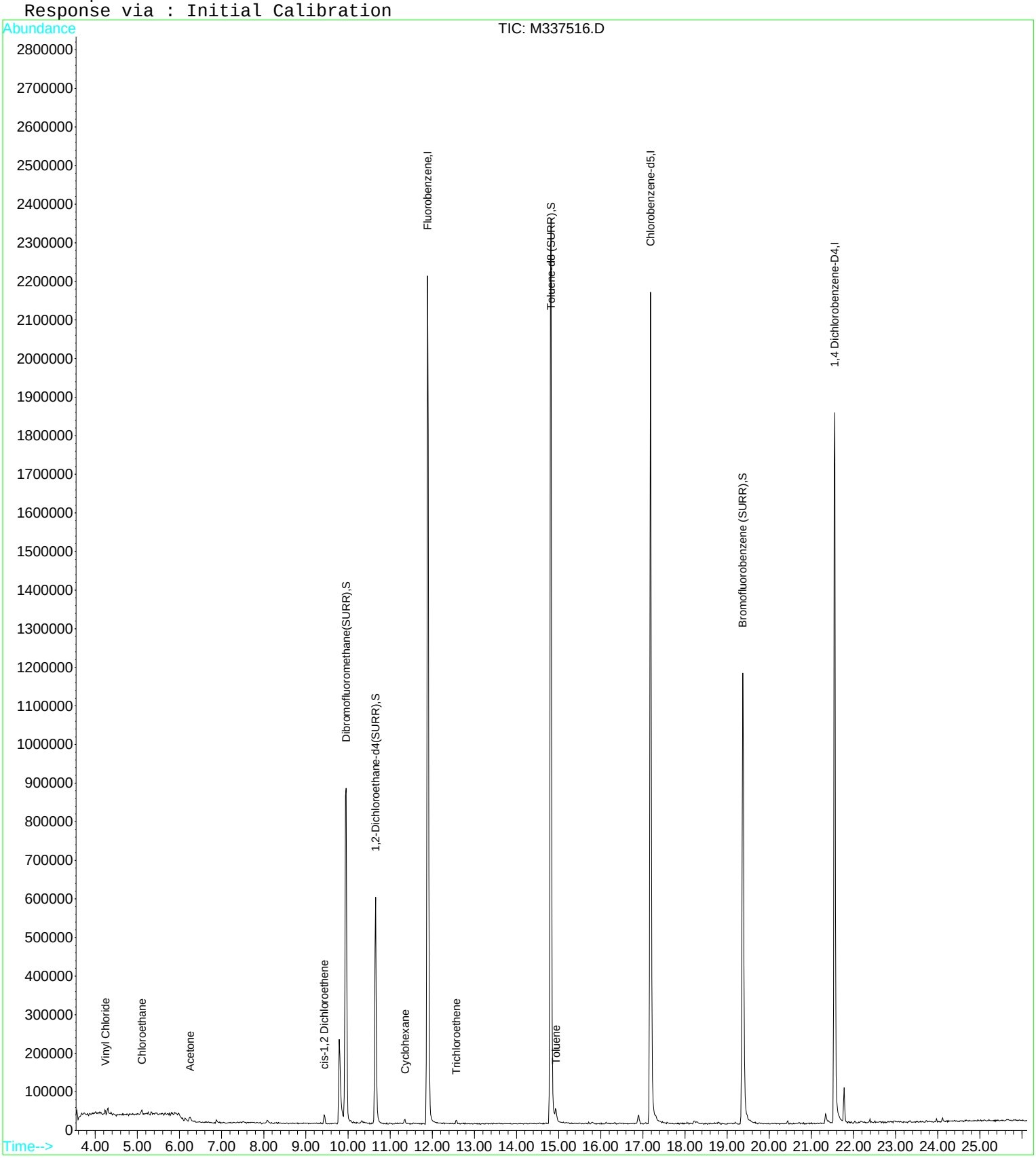
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2869952	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.18	117	1981814	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	746783	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.96	111	790562	22.30	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.20%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	455813	23.45	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.80%			
59) Toluene-d8 (SURR)	14.82	98	2424227	23.73	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.92%			
75) Bromofluorobenzene (SURR)	19.37	95	818391	23.34	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.36%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.24	62	8961	0.37	ug/l #	39
6) Chloroethane	5.11	64	12284	0.90	ug/l	77
10) Acetone	6.25	58	5415	4.58	ug/l	90
27) cis-1,2 Dichloroethene	9.43	96	15379	0.44	ug/l	90
38) Cyclohexane	11.35	56	4916	0.17	ug/l	86
44) Trichloroethene	12.57	95	5189	0.17	ug/l	96
57) Toluene	14.94	92	19396	0.28	ug/l	95

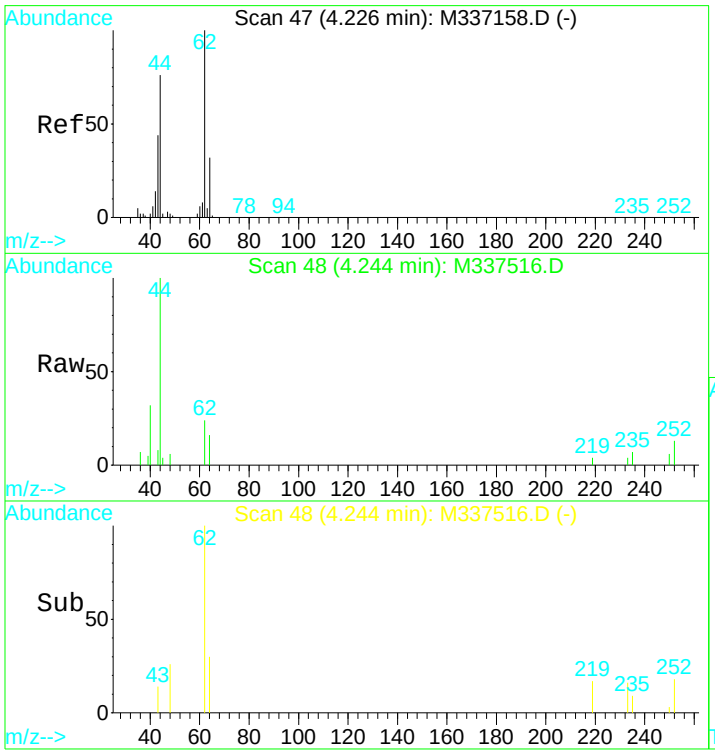
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337516.D Vial: 17
Acq On : 4 Dec 2009 4:40 pm Operator: MD
Sample : 0912038-10 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:09 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

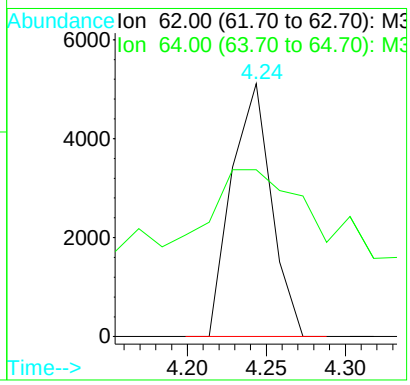


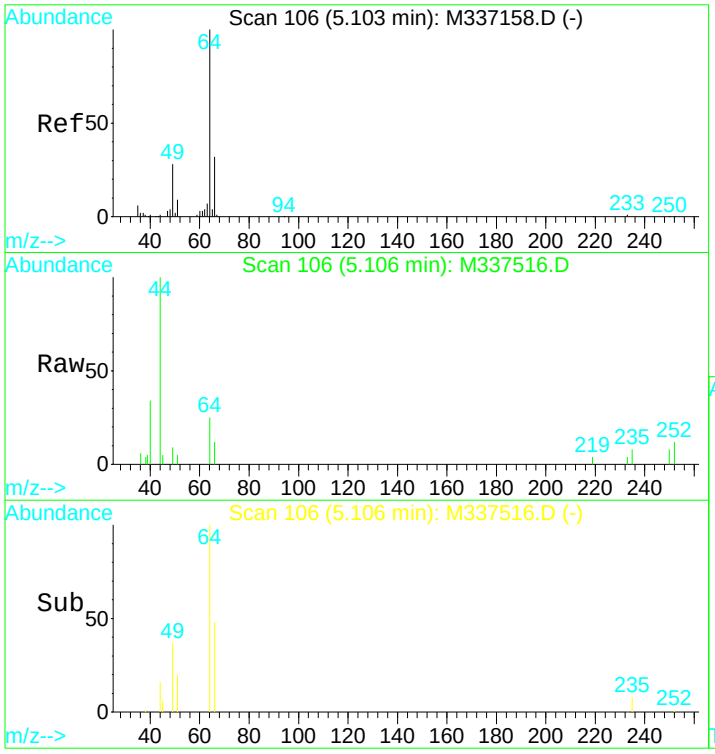


#4
Vinyl Chloride
Concen: 0.37 ug/l
RT: 4.24 min Scan# 48
Delta R.T. 0.00 min
Lab File: M337516.D
Acq: 4 Dec 2009 4:40 pm

Tgt Ion: 62 Resp: 8961

Ion	Ratio	Lower	Upper
62	100		
64	66.0	1.8	61.8#

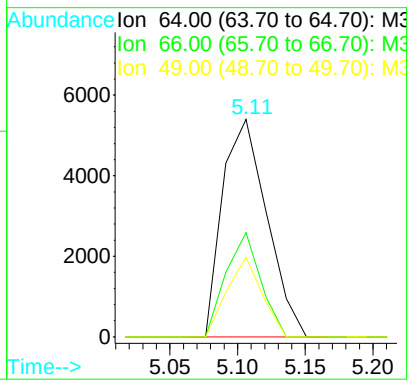


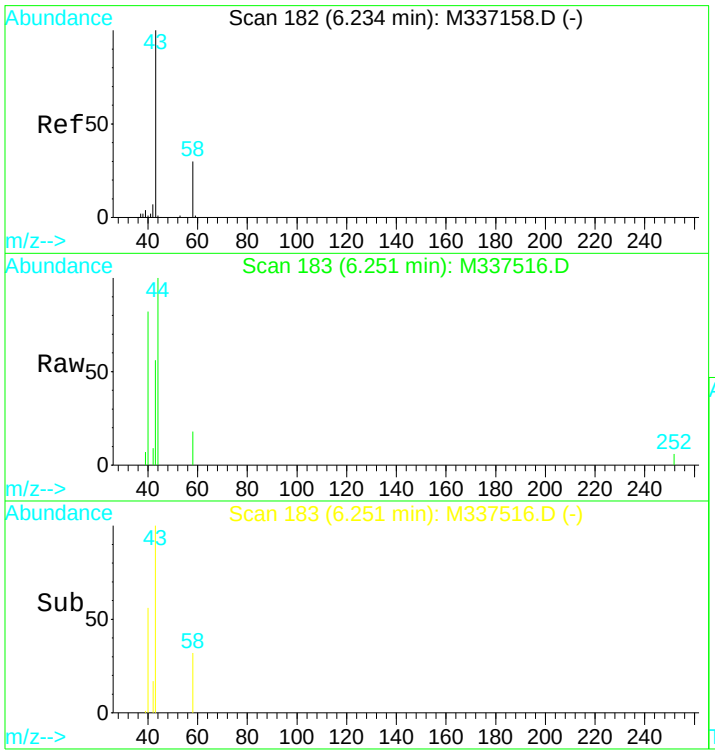


#6
Chloroethane
Concen: 0.90 ug/l
RT: 5.11 min Scan# 106
Delta R.T. -0.01 min
Lab File: M337516.D
Acq: 4 Dec 2009 4:40 pm

Tgt Ion: 64 Resp: 12284

Ion	Ratio	Lower	Upper
64	100		
66	47.9	2.1	62.1
49	36.5	0.0	58.1

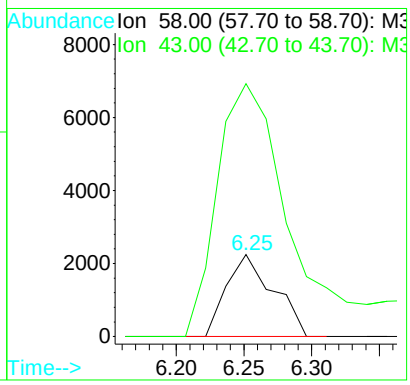


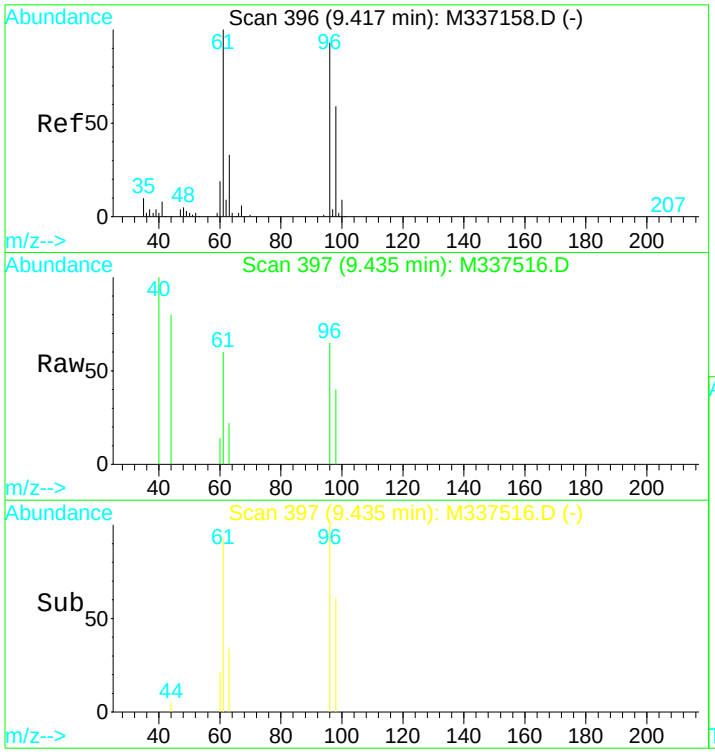


#10
Acetone
Concen: 4.58 ug/l
RT: 6.25 min Scan# 183
Delta R.T. 0.00 min
Lab File: M337516.D
Acq: 4 Dec 2009 4:40 pm

Tgt Ion: 58 Resp: 5415

Ion	Ratio	Lower	Upper
58	100		
43	308.4	298.2	358.2

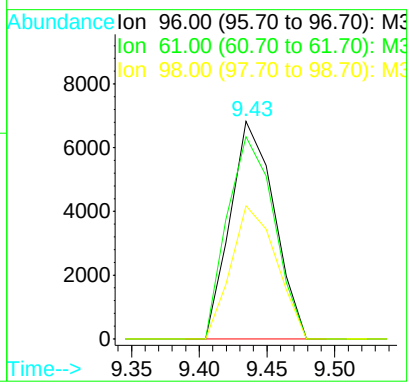


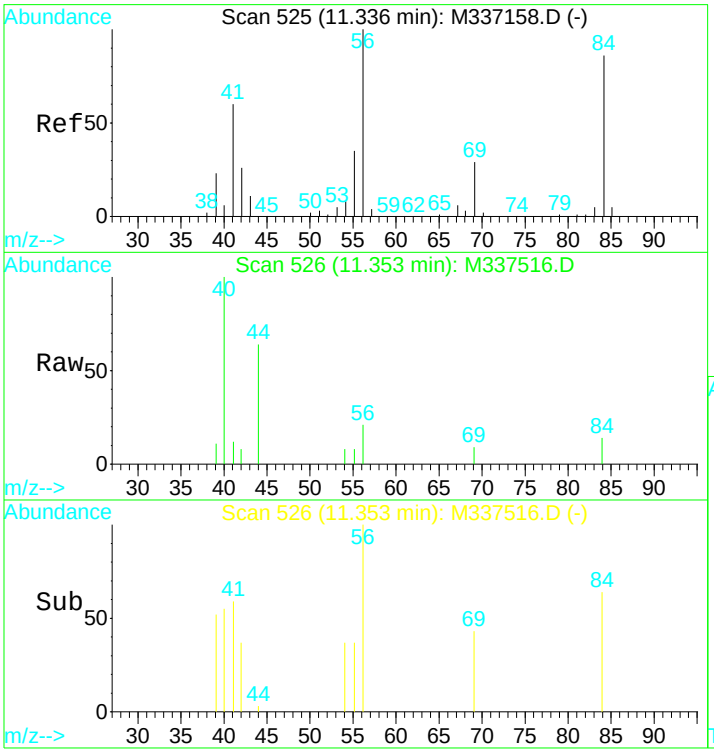


#27
cis-1,2 Dichloroethene
Concen: 0.44 ug/l
RT: 9.43 min Scan# 397
Delta R.T. -0.01 min
Lab File: M337516.D
Acq: 4 Dec 2009 4:40 pm

Tgt Ion: 96 Resp: 15379

Ion	Ratio	Lower	Upper
96	100		
61	92.9	77.5	137.5
98	61.1	33.9	93.9

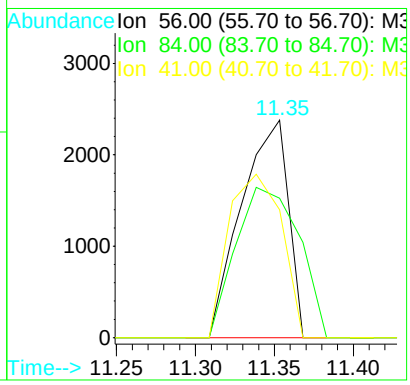


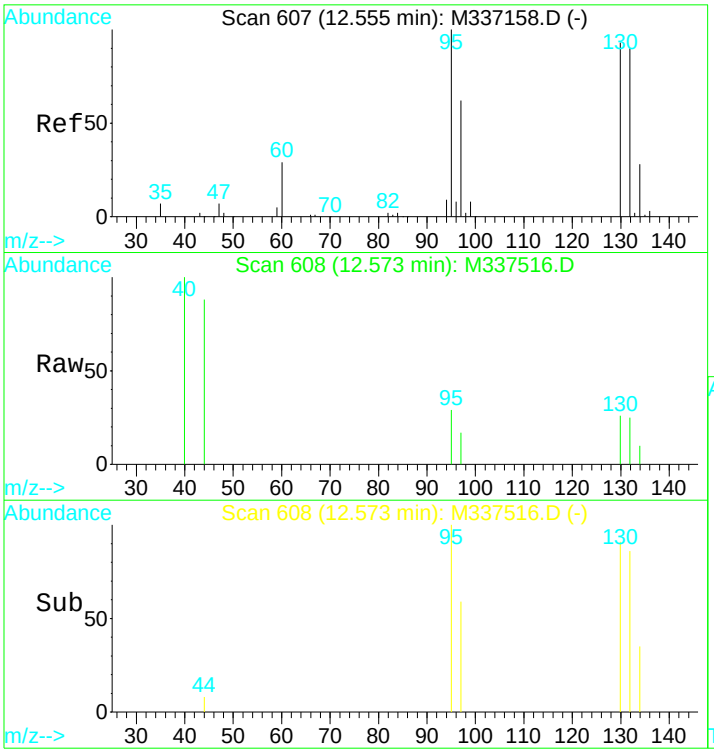


#38
Cyclohexane
Concen: 0.17 ug/l
RT: 11.35 min Scan# 526
Delta R.T. 0.00 min
Lab File: M337516.D
Acq: 4 Dec 2009 4:40 pm

Tgt Ion: 56 Resp: 4916

Ion	Ratio	Lower	Upper
56	100		
84	64.2	55.5	115.5
41	58.7	30.1	90.1

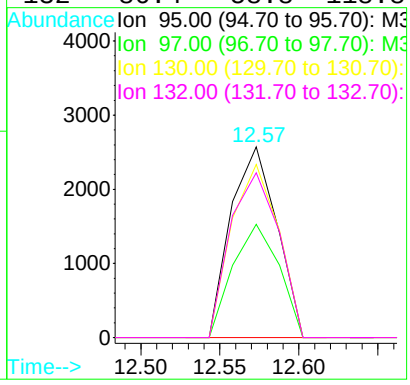


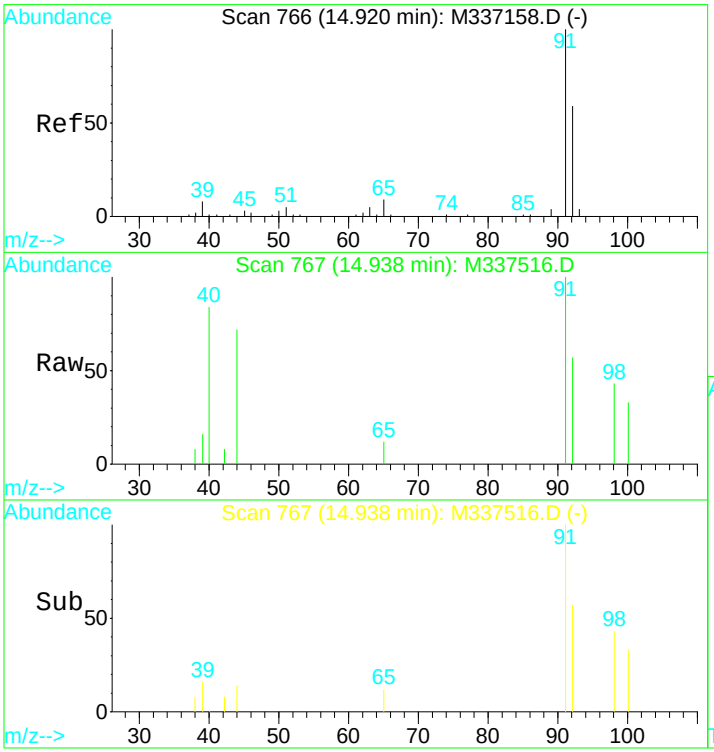


#44
Trichloroethene
Concen: 0.17 ug/l
RT: 12.57 min Scan# 608
Delta R.T. 0.00 min
Lab File: M337516.D
Acq: 4 Dec 2009 4:40 pm

Tgt Ion: 95 Resp: 5189

Ion	Ratio	Lower	Upper
95	100		
97	59.3	35.0	95.0
130	90.8	62.7	122.7
132	86.4	58.8	118.8

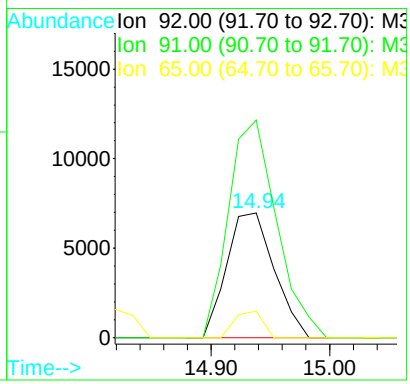




#57
Toluene
Concen: 0.28 ug/l
RT: 14.94 min Scan# 767
Delta R.T. 0.00 min
Lab File: M337516.D
Acq: 4 Dec 2009 4:40 pm

Tgt Ion: 92 Resp: 19396

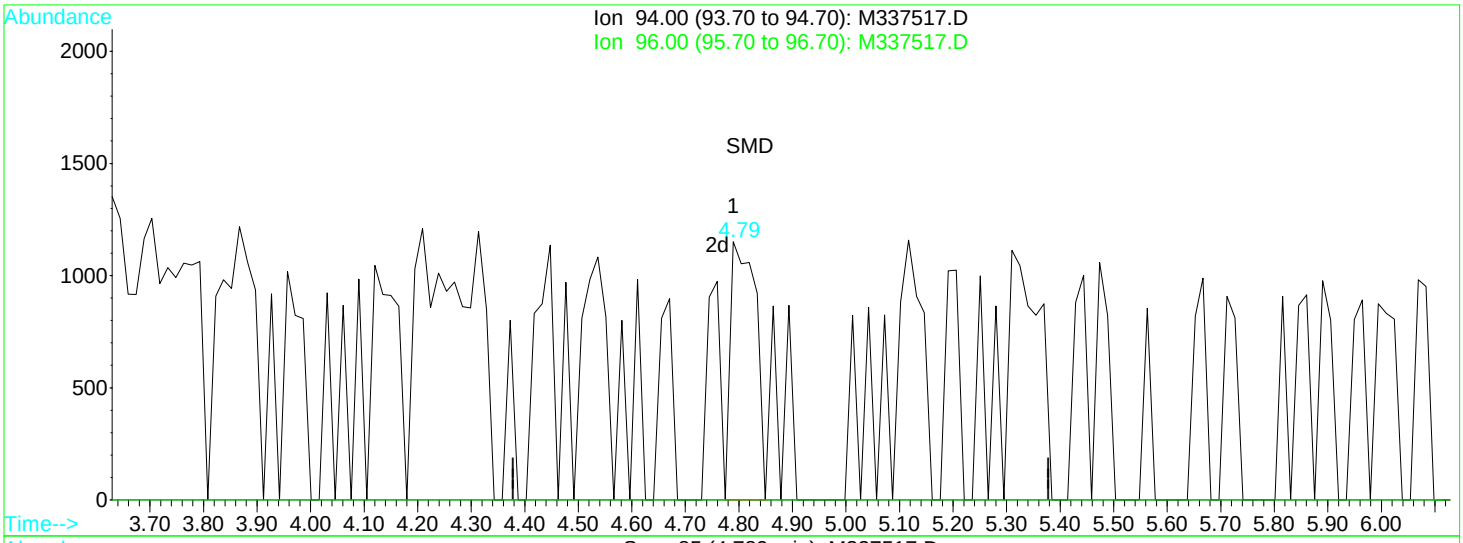
Ion	Ratio	Lower	Upper
92	100		
91	174.2	139.1	199.1
65	21.2	0.0	44.5

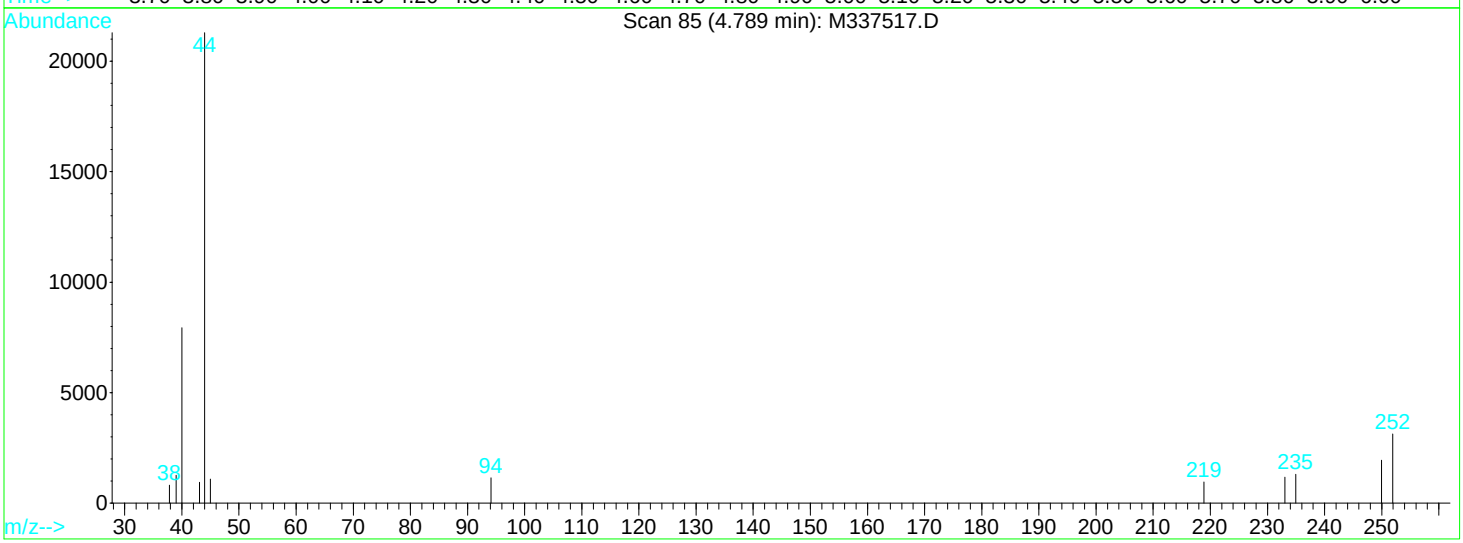


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337517.D Vial: 18
Acq On : 4 Dec 2009 5:12 pm Operator: MD
Sample : 0912038-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 17:42 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337517.D

(5) Bromomethane

4.79min 0.23ug/l

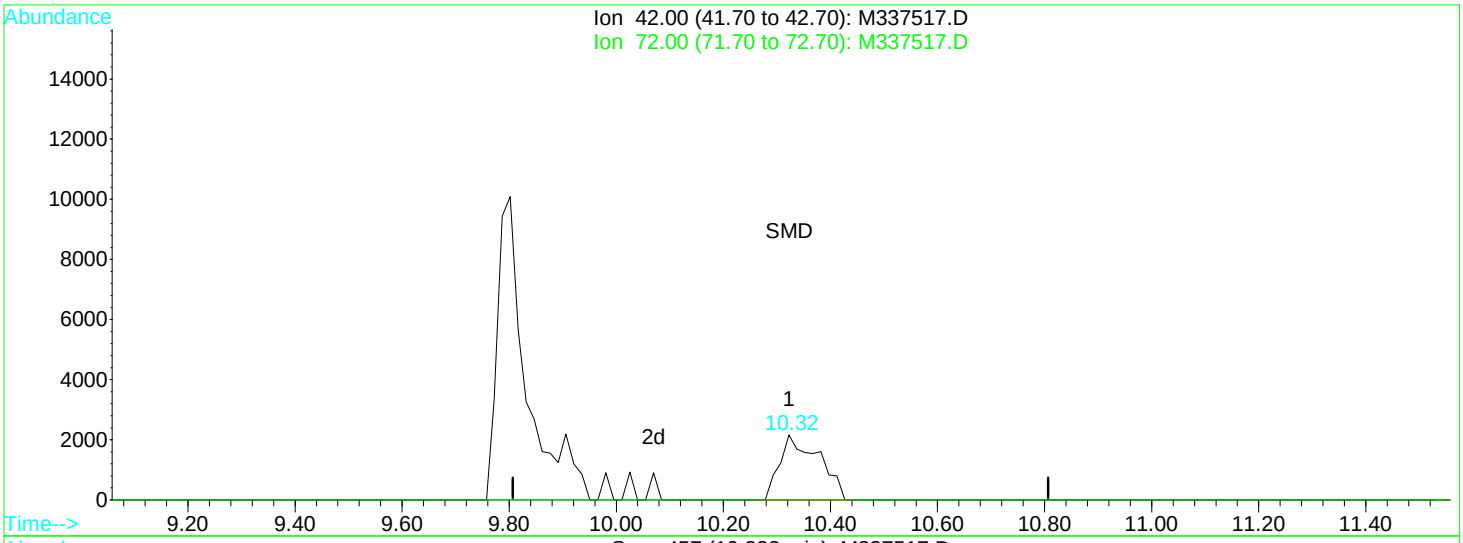
response 3735

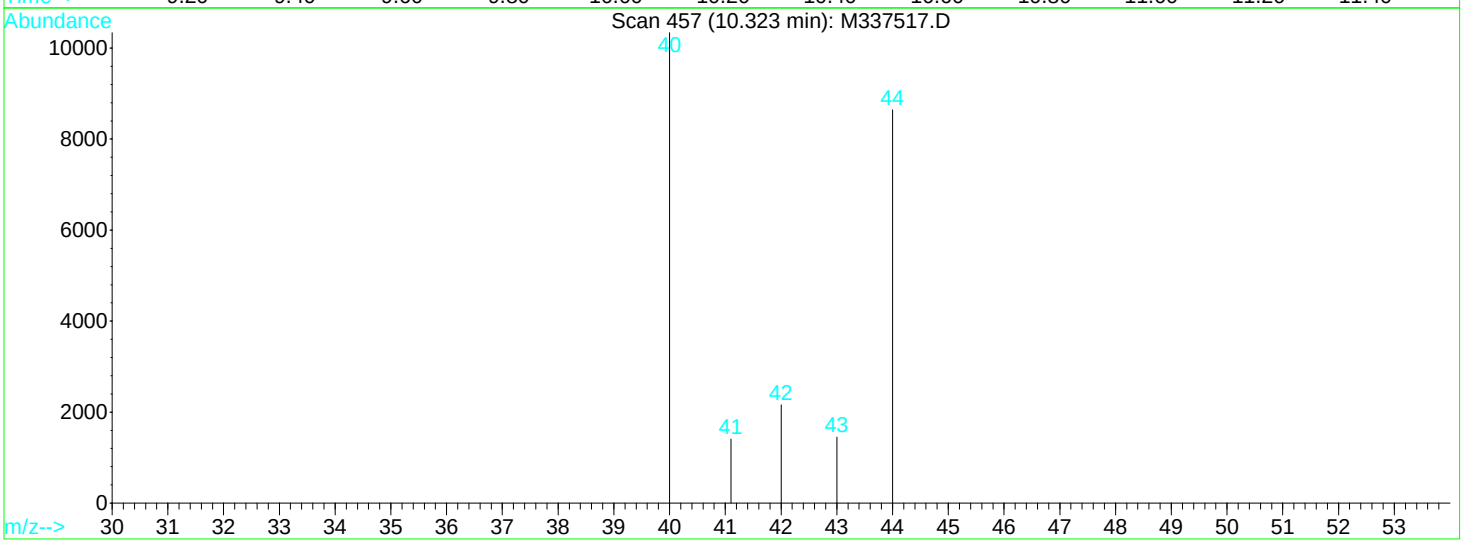
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337517.D Vial: 18
Acq On : 4 Dec 2009 5:12 pm Operator: MD
Sample : 0912038-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:10 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337517.D

(32) Tetrahydrofuran

10.32min 2.54ug/l

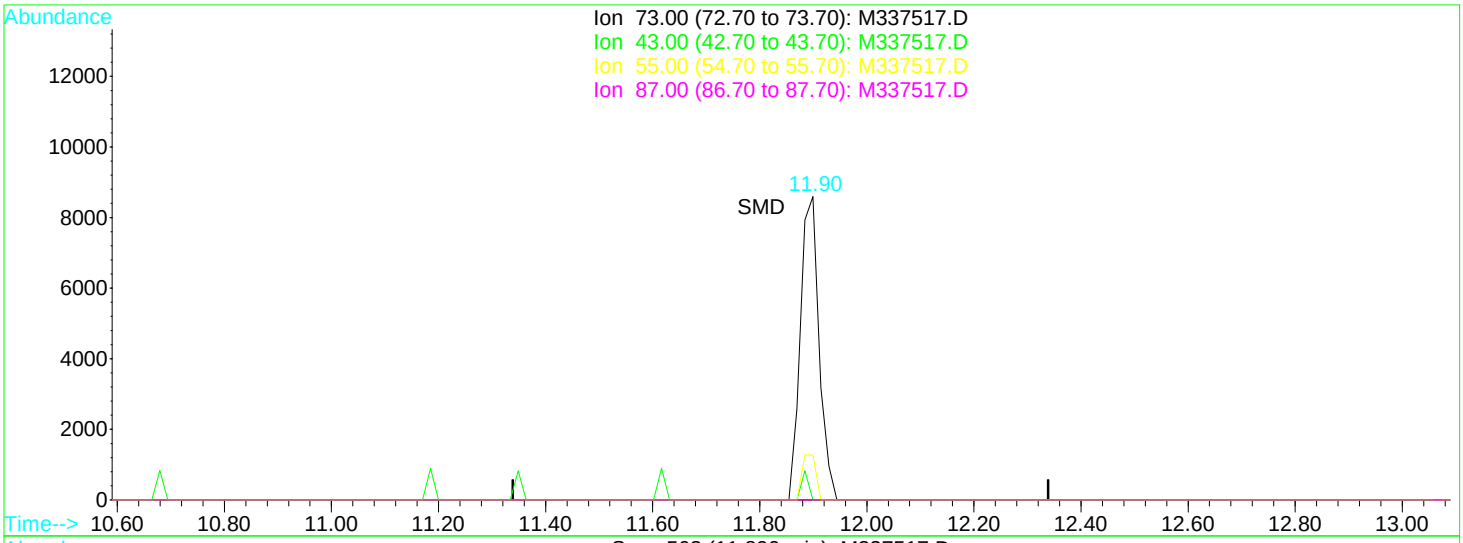
response 10971

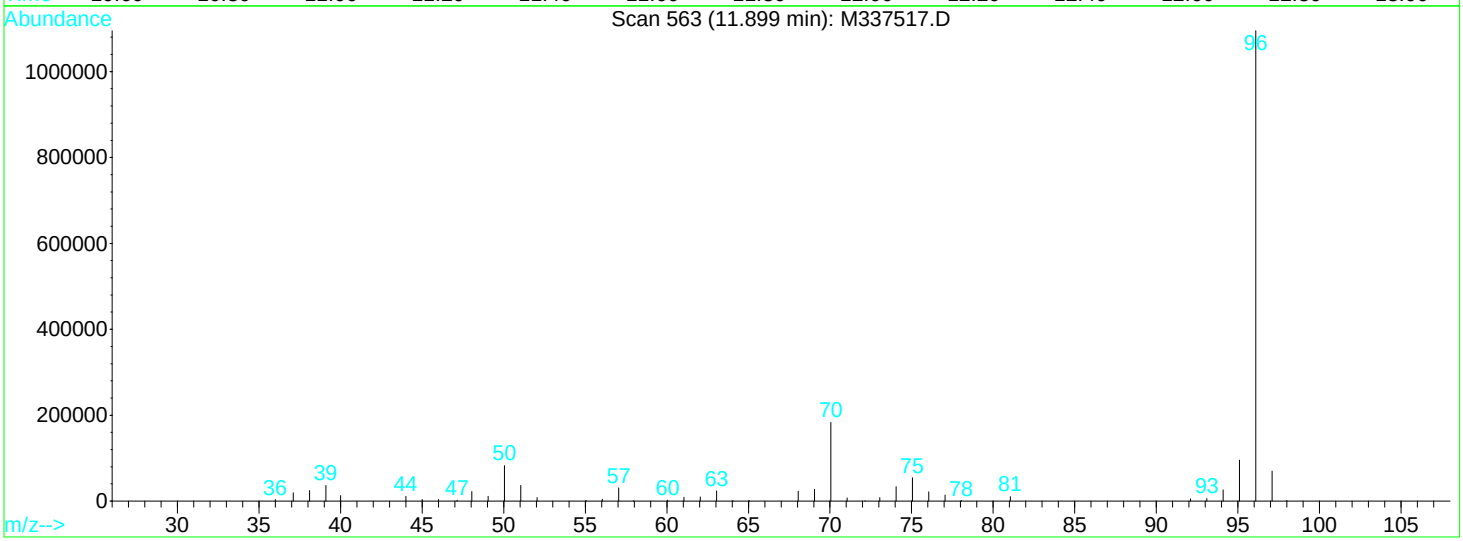
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337517.D Vial: 18
Acq On : 4 Dec 2009 5:12 pm Operator: MD
Sample : 0912038-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:10 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337517.D

(43) Tertiary-amyl methyl ether

11.90min 0.48ug/l

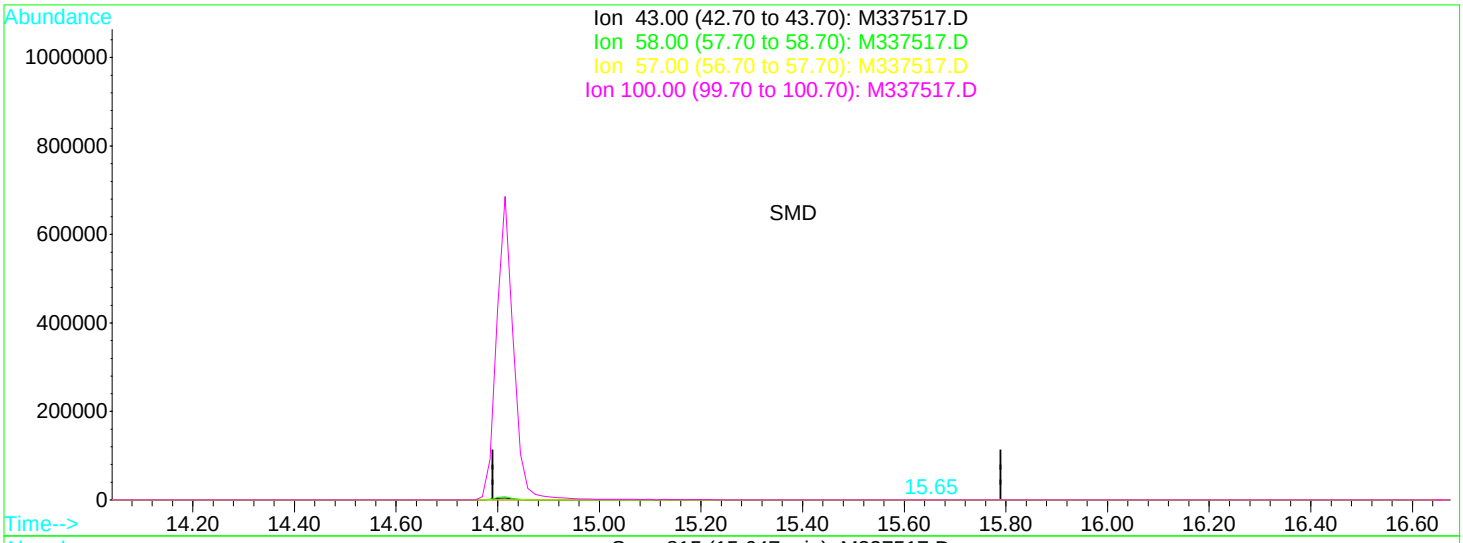
response 20744

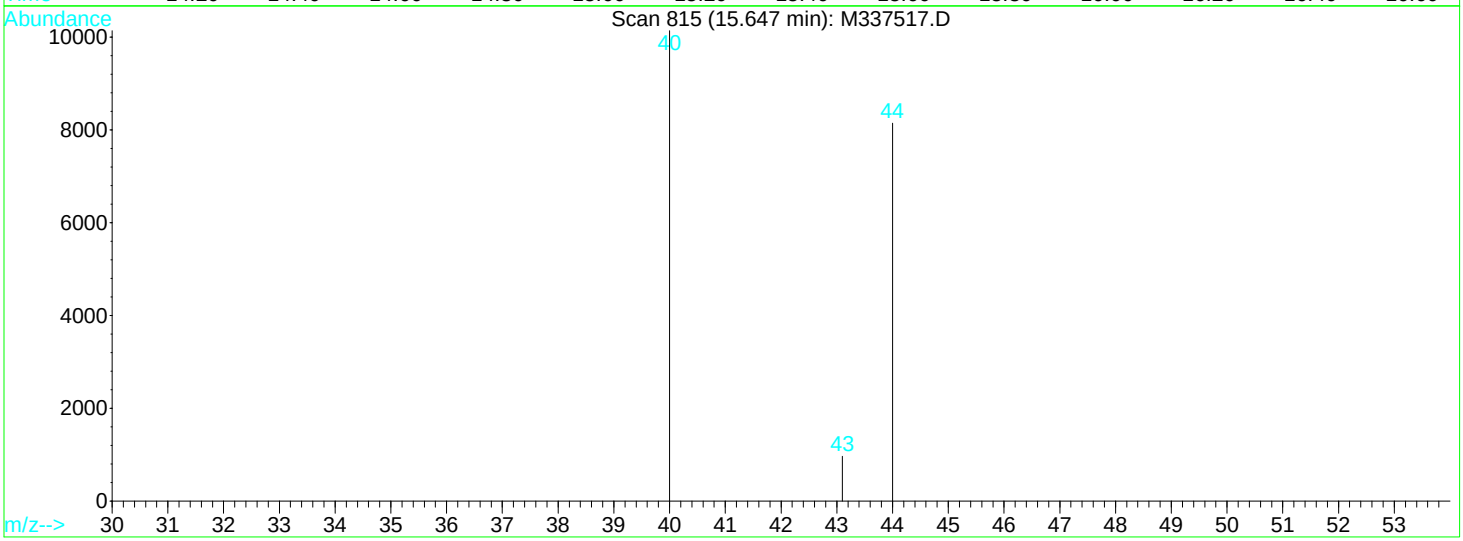
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	14.81
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337517.D Vial: 18
Acq On : 4 Dec 2009 5:12 pm Operator: MD
Sample : 0912038-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:10 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337517.D

(61) 2-Hexanone

15.65min 7.79ug/l

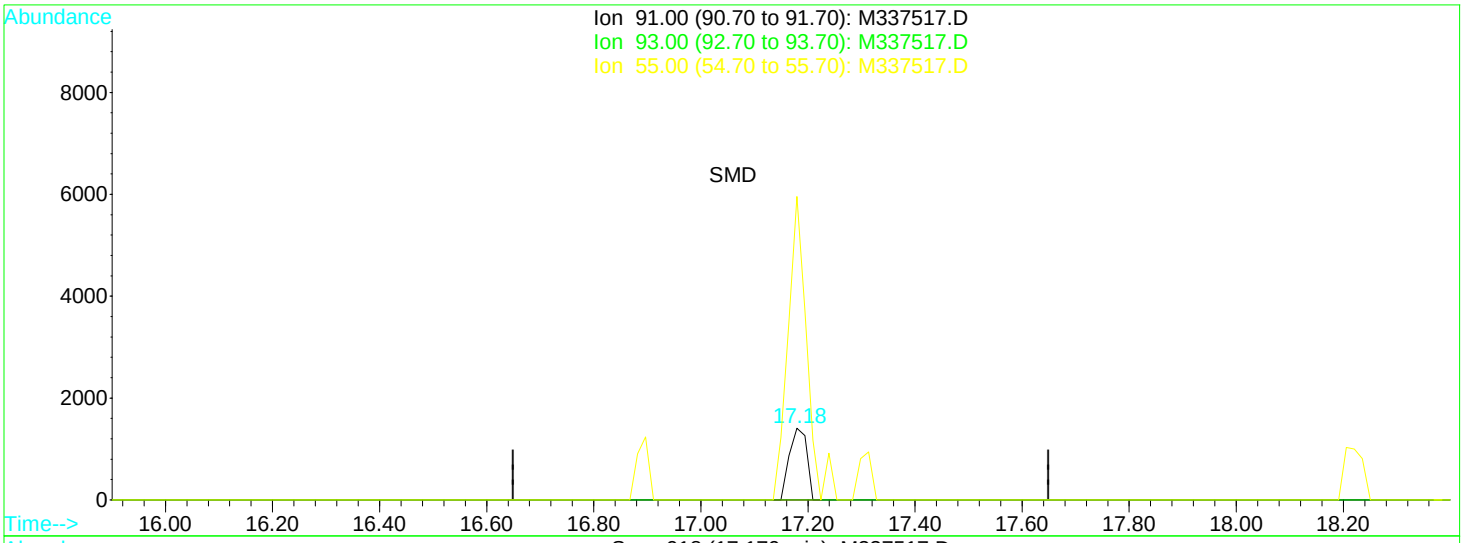
response 863

Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	0.00
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337517.D Vial: 18
Acq On : 4 Dec 2009 5:12 pm Operator: MD
Sample : 0912038-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:10 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337517.D

(66) 1-Chlorohexane

17.18min 0.13ug/l

response 3159

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	423.22#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337517.D Vial: 18
Acq On : 4 Dec 2009 5:12 pm Operator: MD
Sample : 0912038-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:11 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

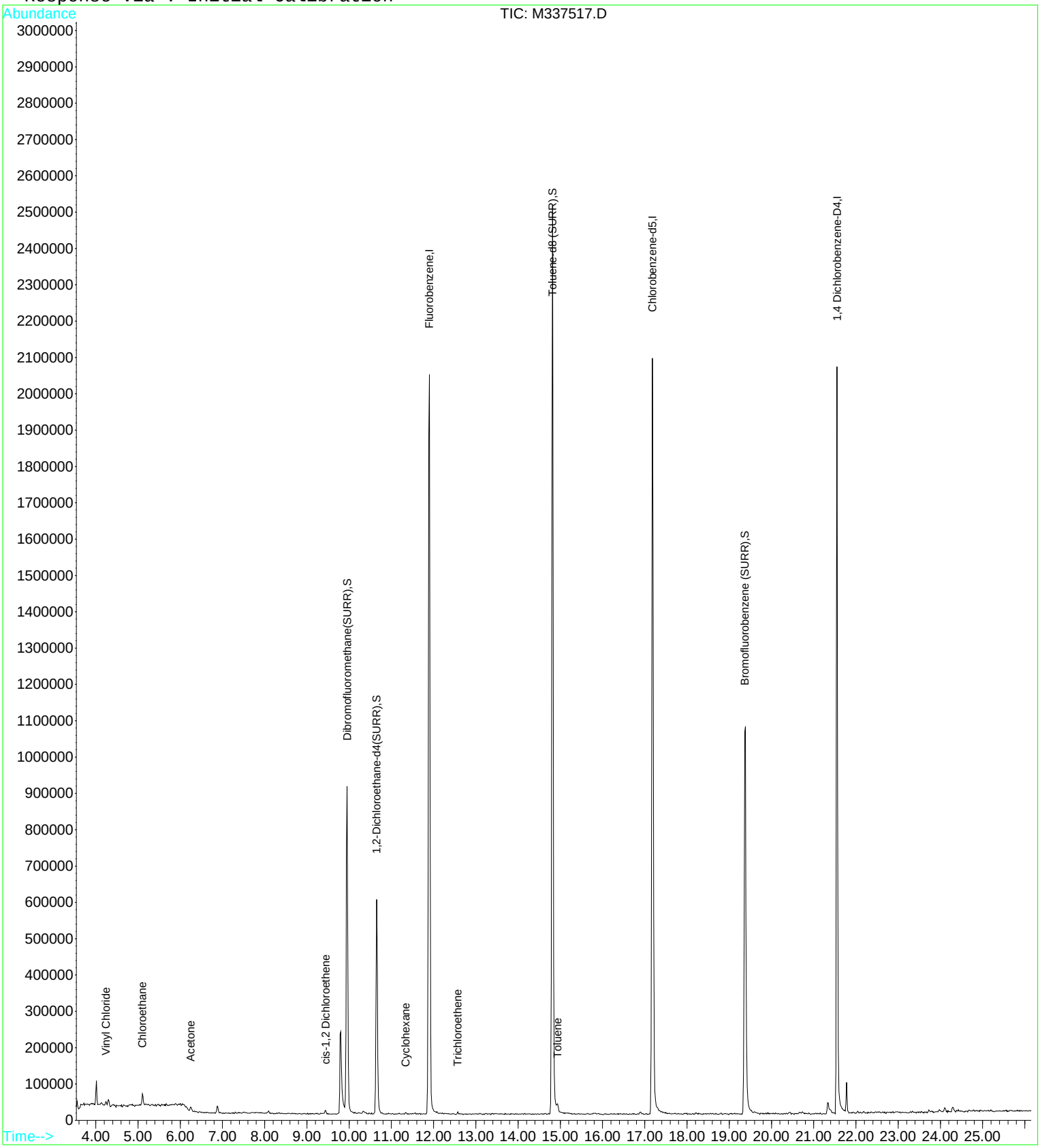
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2781065	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	1921000	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	716526	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	771050	22.44	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.76%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	443891	23.57	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.28%			
59) Toluene-d8 (SURR)	14.81	98	2349289	23.72	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.88%			
75) Bromofluorobenzene (SURR)	19.37	95	788016	23.18	ug/l	-0.01
Spiked Amount 25.000			Recovery = 92.72%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.24	62	7317	0.31	ug/l #	1
6) Chloroethane	5.10	64	32433	2.44	ug/l	92
10) Acetone	6.25	58	5609	4.90	ug/l	94
27) cis-1,2 Dichloroethene	9.45	96	7498	0.22	ug/l #	80
38) Cyclohexane	11.33	56	2611	0.09	ug/l	80
44) Trichloroethene	12.57	95	2964	0.10	ug/l #	75
57) Toluene	14.93	92	14644	0.22	ug/l	97

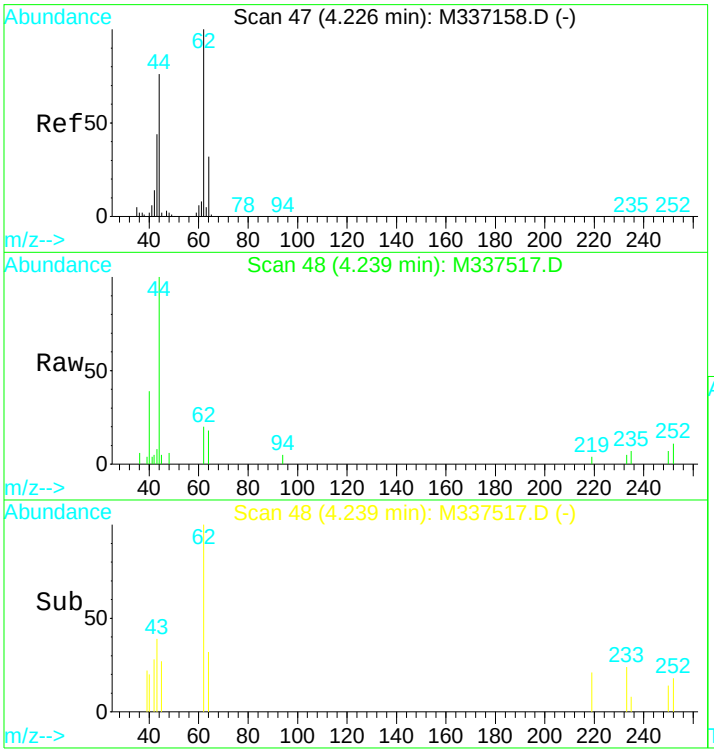
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337517.D Vial: 18
Acq On : 4 Dec 2009 5:12 pm Operator: MD
Sample : 0912038-11 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:11 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

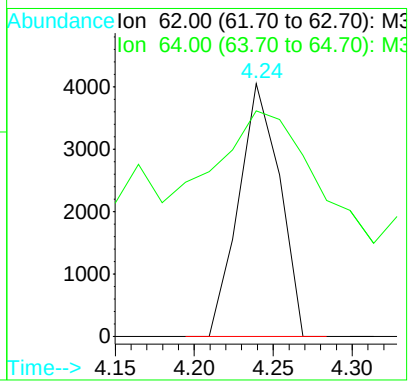


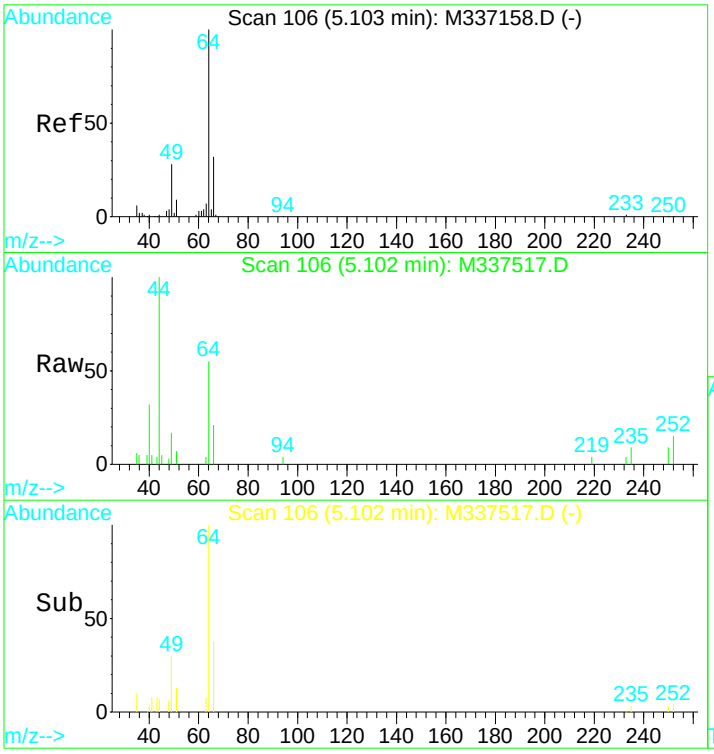


#4
Vinyl Chloride
Concen: 0.31 ug/l
RT: 4.24 min Scan# 48
Delta R.T. 0.00 min
Lab File: M337517.D
Acq: 4 Dec 2009 5:12 pm

Tgt Ion: 62 Resp: 7317

Ion	Ratio	Lower	Upper
62	100		
64	89.3	1.8	61.8#

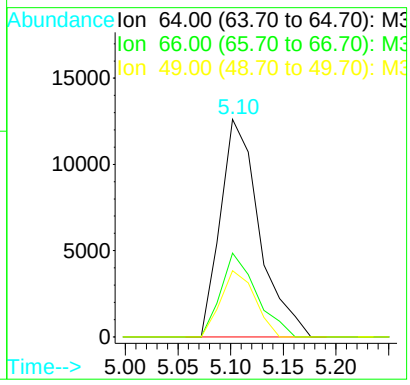


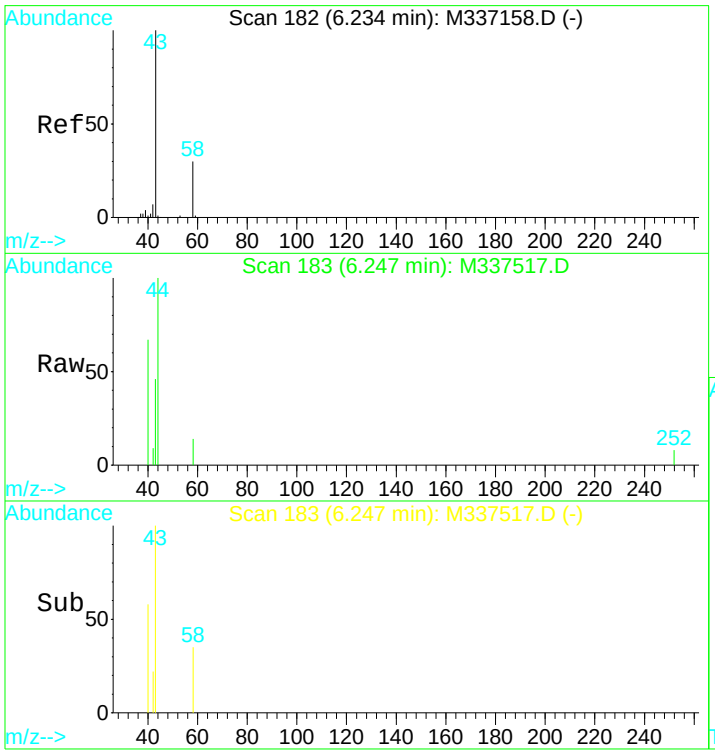


#6
Chloroethane
Concen: 2.44 ug/l
RT: 5.10 min Scan# 106
Delta R.T. -0.01 min
Lab File: M337517.D
Acq: 4 Dec 2009 5:12 pm

Tgt Ion: 64 Resp: 32433

Ion	Ratio	Lower	Upper
64	100		
66	38.5	2.1	62.1
49	30.4	0.0	58.1

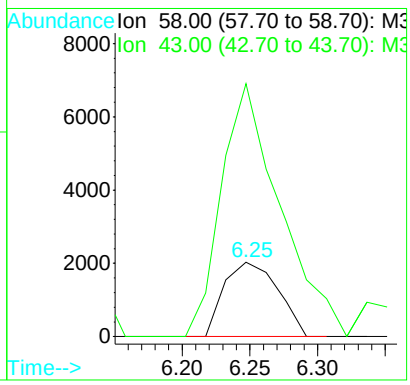


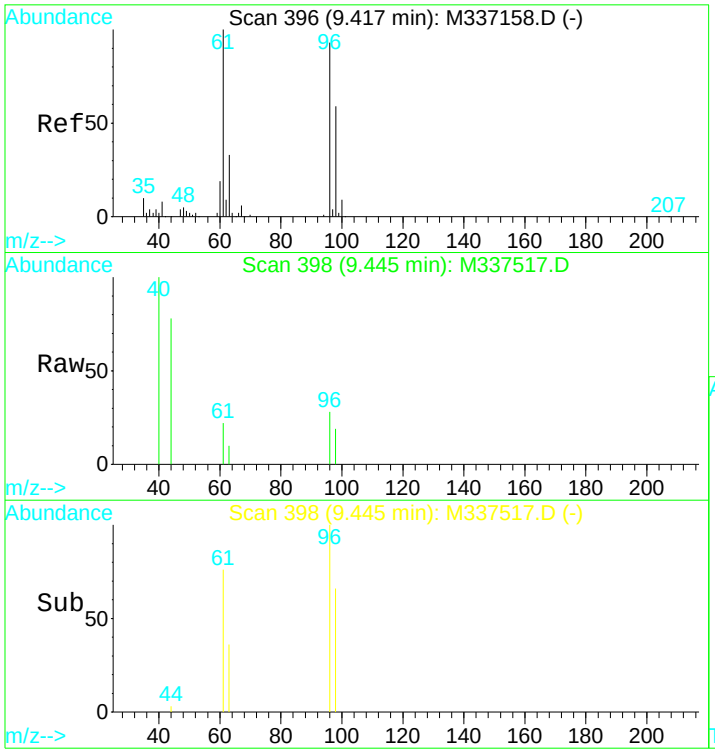


#10
Acetone
Concen: 4.90 ug/l
RT: 6.25 min Scan# 183
Delta R.T. 0.00 min
Lab File: M337517.D
Acq: 4 Dec 2009 5:12 pm

Tgt Ion: 58 Resp: 5609

Ion	Ratio	Lower	Upper
58	100		
43	339.9	298.2	358.2

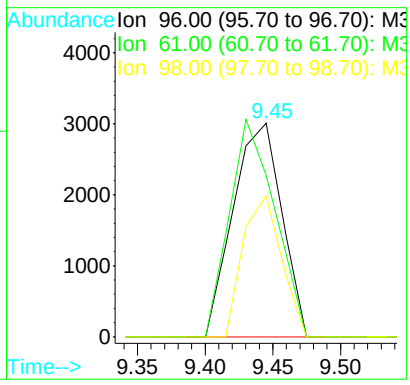


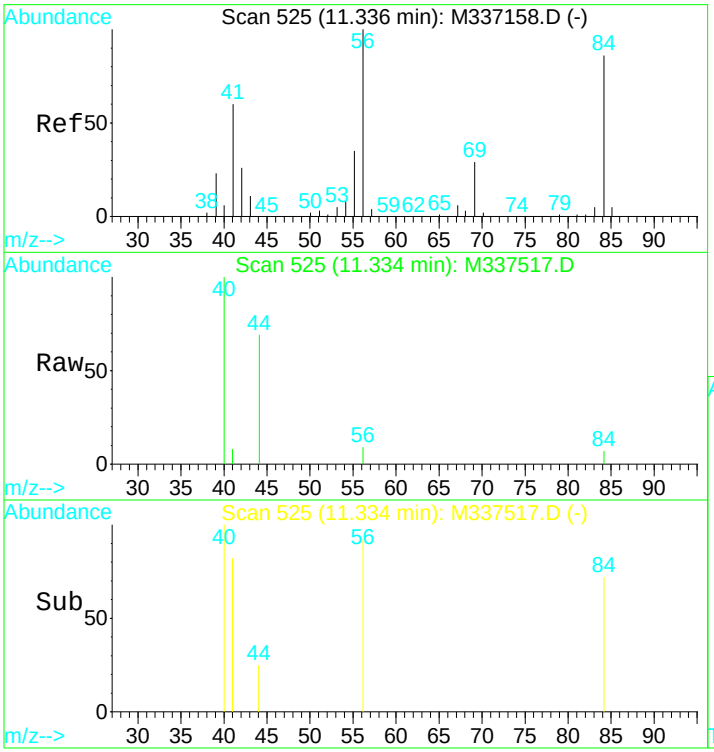


#27
cis-1,2 Dichloroethene
Concen: 0.22 ug/l
RT: 9.45 min Scan# 398
Delta R.T. 0.00 min
Lab File: M337517.D
Acq: 4 Dec 2009 5:12 pm

Tgt Ion: 96 Resp: 7498

Ion	Ratio	Lower	Upper
96	100		
61	75.5	77.5	137.5#
98	66.0	33.9	93.9

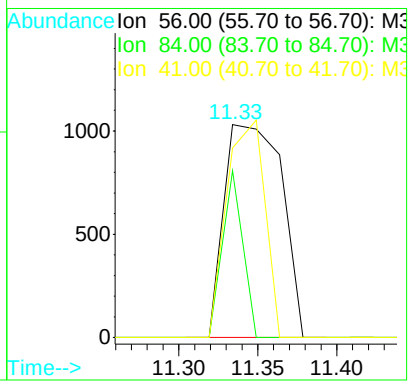


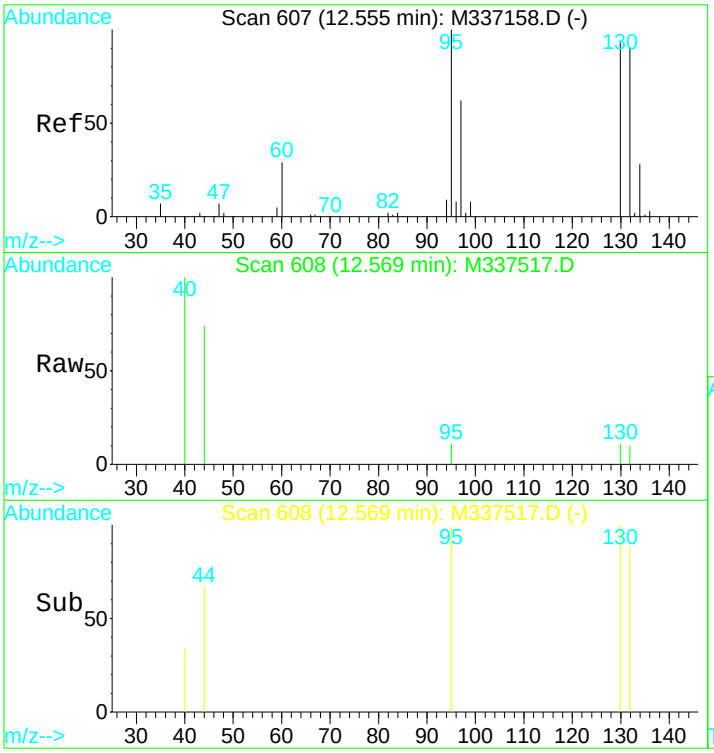


#38
Cyclohexane
Concen: 0.09 ug/l
RT: 11.33 min Scan# 525
Delta R.T. -0.01 min
Lab File: M337517.D
Acq: 4 Dec 2009 5:12 pm

Tgt Ion: 56 Resp: 2611

Ion	Ratio	Lower	Upper
56	100		
84	78.4	55.5	115.5
41	89.0	30.1	90.1

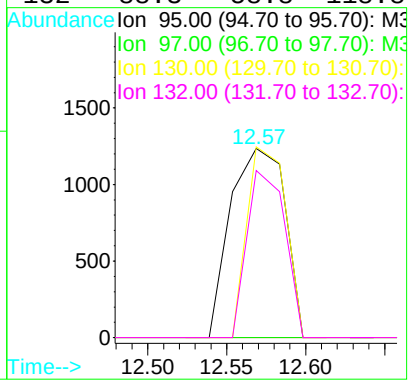


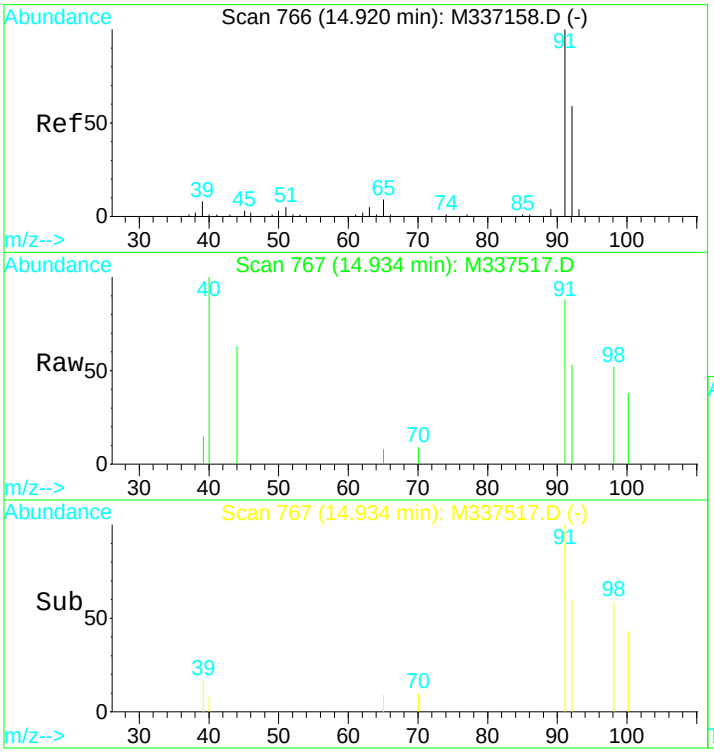


#44
Trichloroethene
Concen: 0.10 ug/l
RT: 12.57 min Scan# 608
Delta R.T. 0.00 min
Lab File: M337517.D
Acq: 4 Dec 2009 5:12 pm

Tgt Ion: 95 Resp: 2964

Ion	Ratio	Lower	Upper
95	100		
97	0.0	35.0	95.0#
130	100.9	62.7	122.7
132	88.3	58.8	118.8

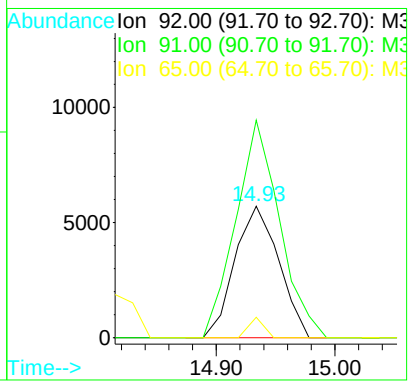




#57
Toluene
Concen: 0.22 ug/l
RT: 14.93 min Scan# 767
Delta R.T. 0.00 min
Lab File: M337517.D
Acq: 4 Dec 2009 5:12 pm

Tgt Ion: 92 Resp: 14644

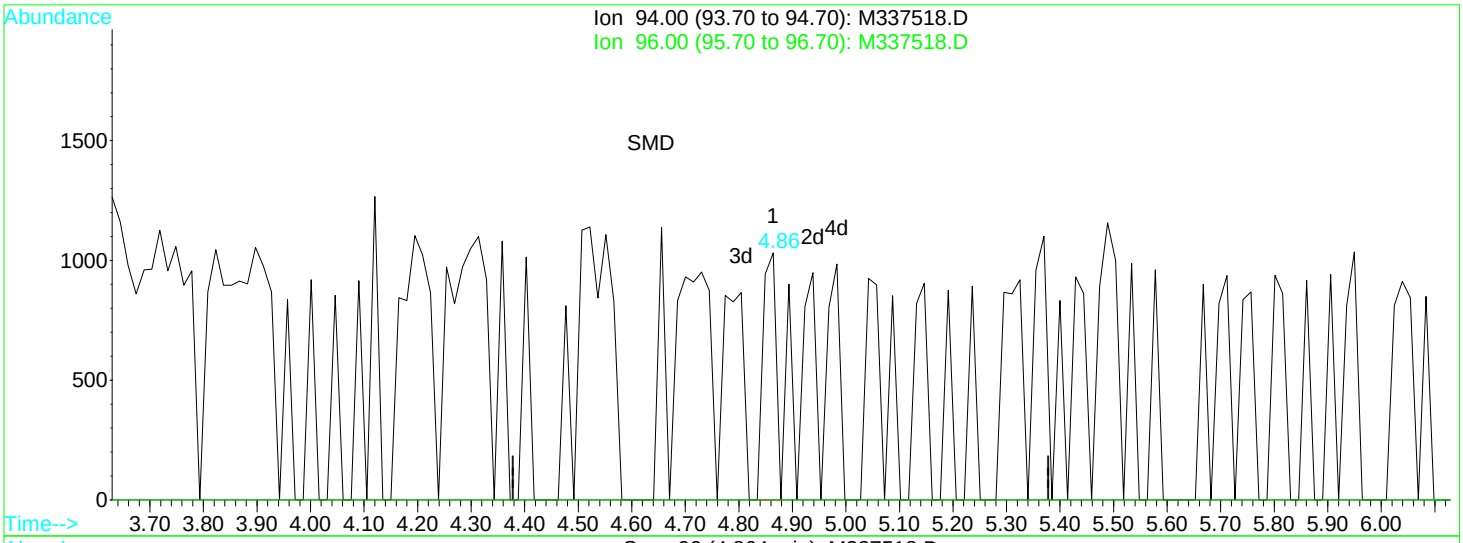
Ion	Ratio	Lower	Upper
92	100		
91	165.4	139.1	199.1
65	15.4	0.0	44.5

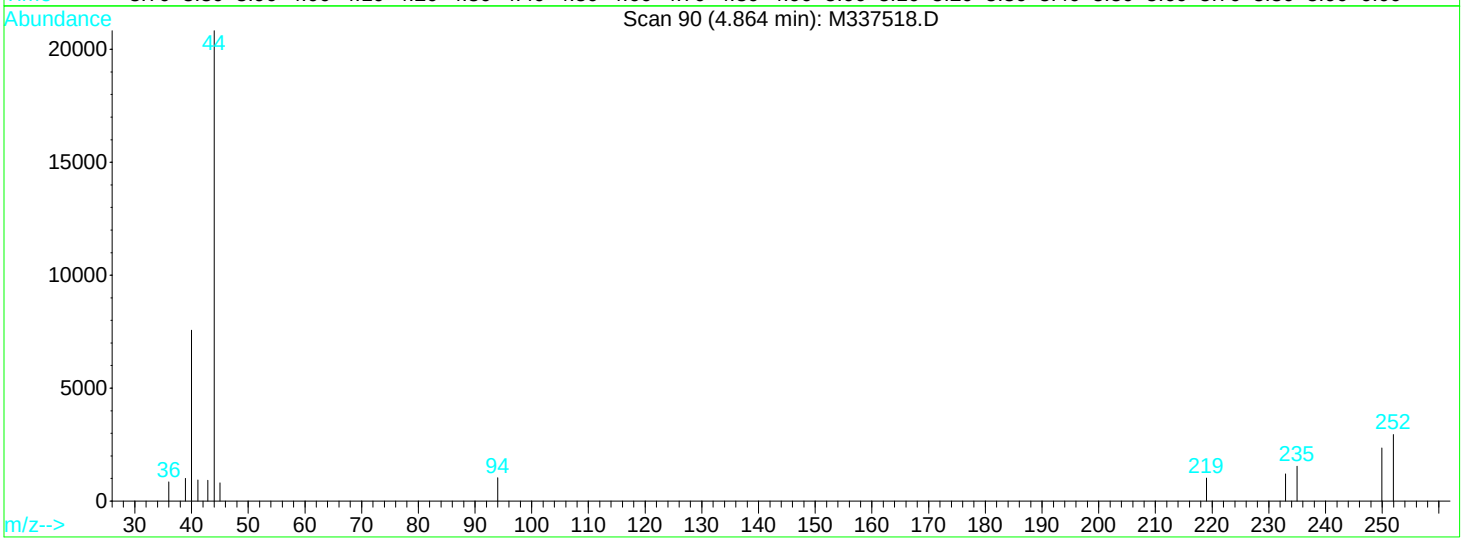


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337518.D Vial: 19
Acq On : 4 Dec 2009 5:44 pm Operator: MD
Sample : 0912038-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 18:13 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337518.D

(5) Bromomethane

4.86min 0.10ug/l

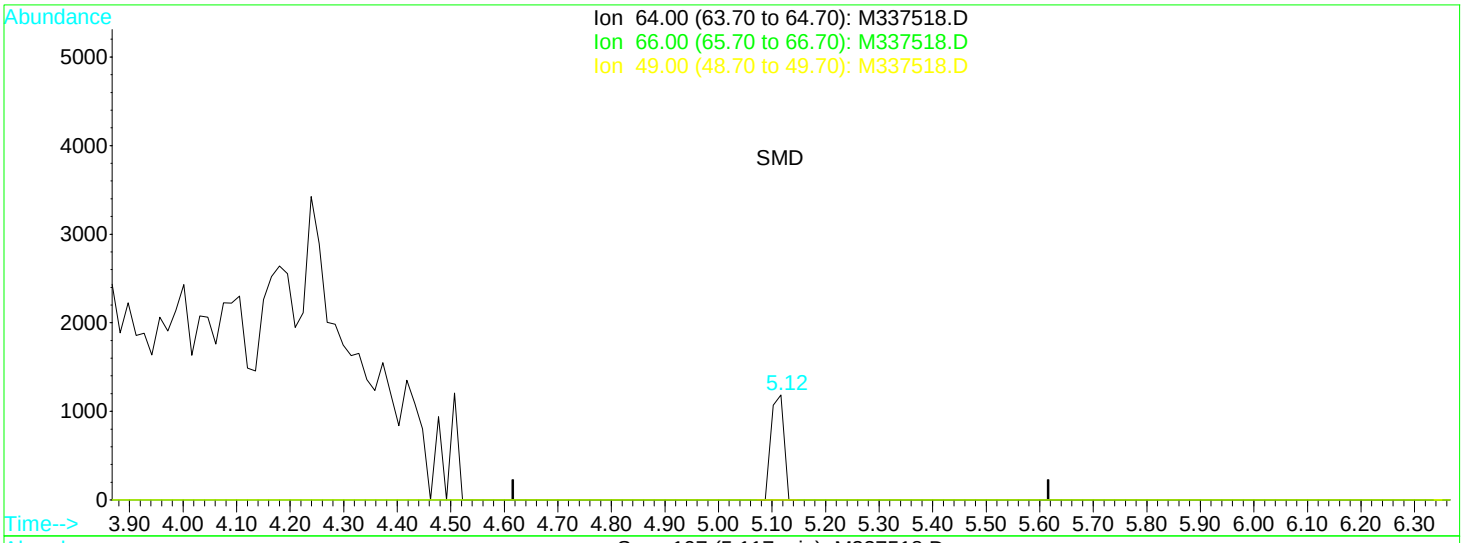
response 1762

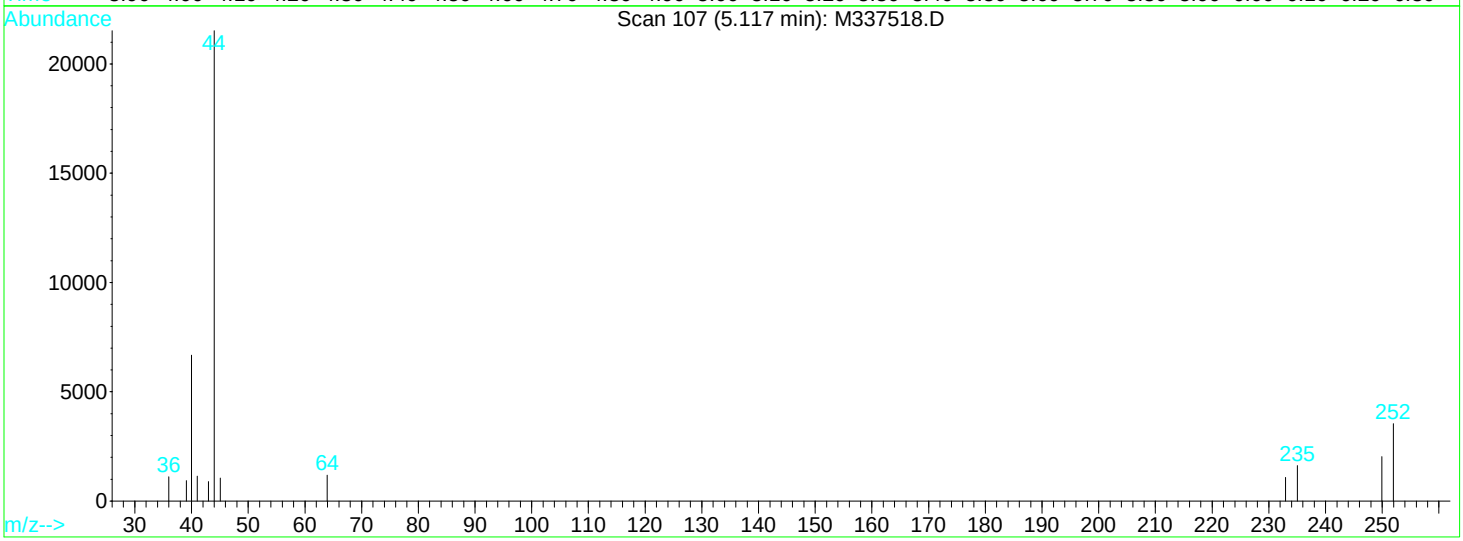
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337518.D Vial: 19
Acq On : 4 Dec 2009 5:44 pm Operator: MD
Sample : 0912038-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:11 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337518.D

(6) Chloroethane

5.12min 0.15ug/l

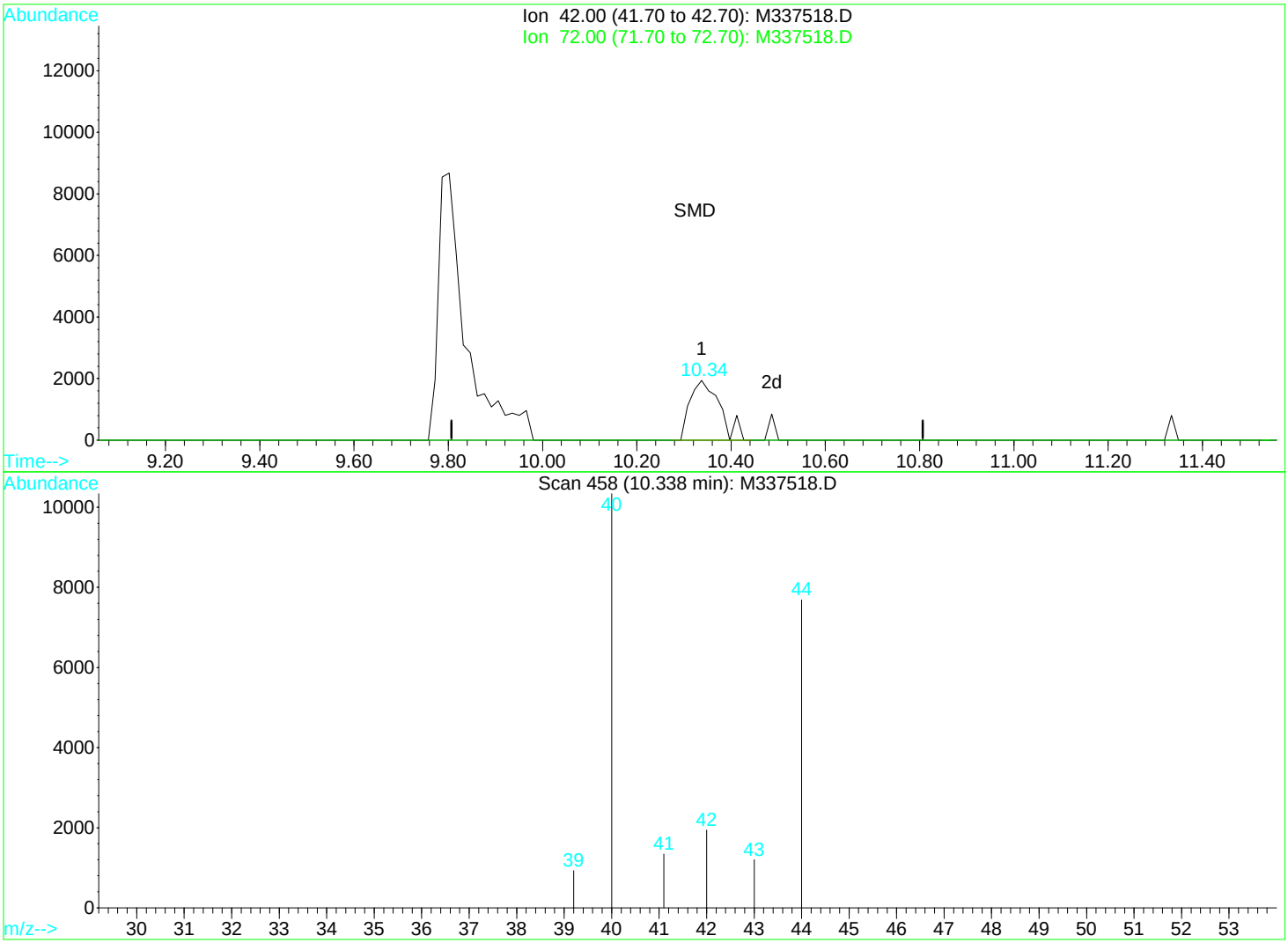
response 2011

Ion	Exp%	Act%
64.00	100	100
66.00	32.10	0.00#
49.00	28.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337518.D Vial: 19
Acq On : 4 Dec 2009 5:44 pm Operator: MD
Sample : 0912038-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:11 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337518.D

(32) Tetrahydrofuran

10.34min 1.91ug/l

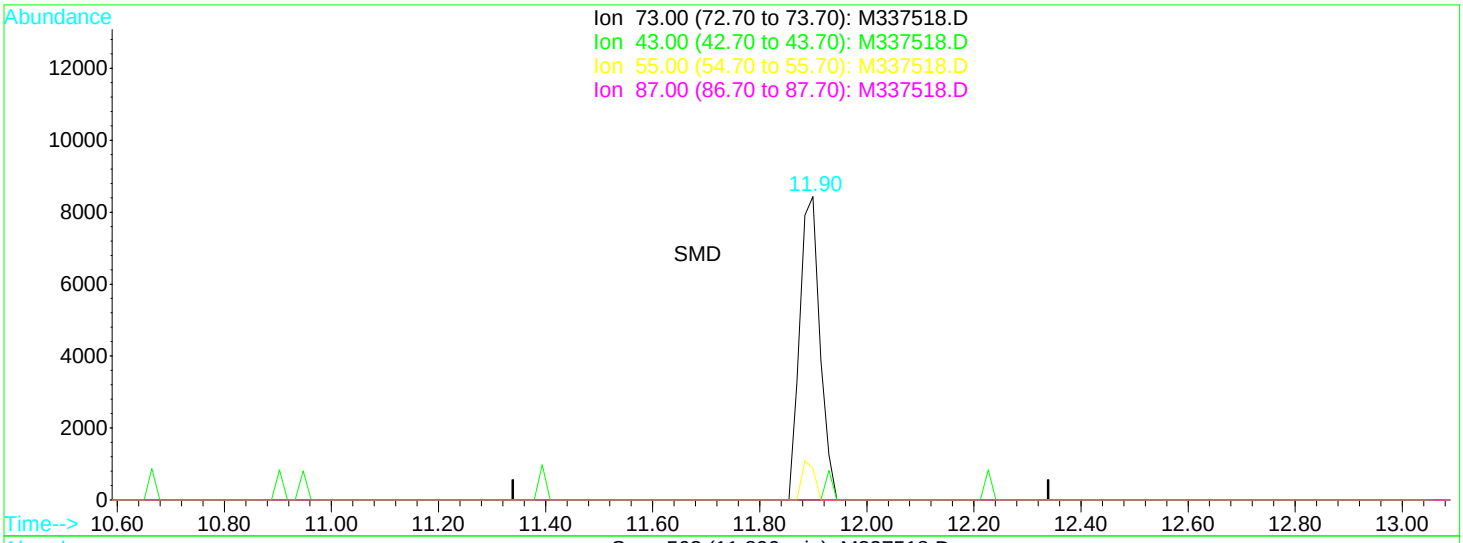
response 8523

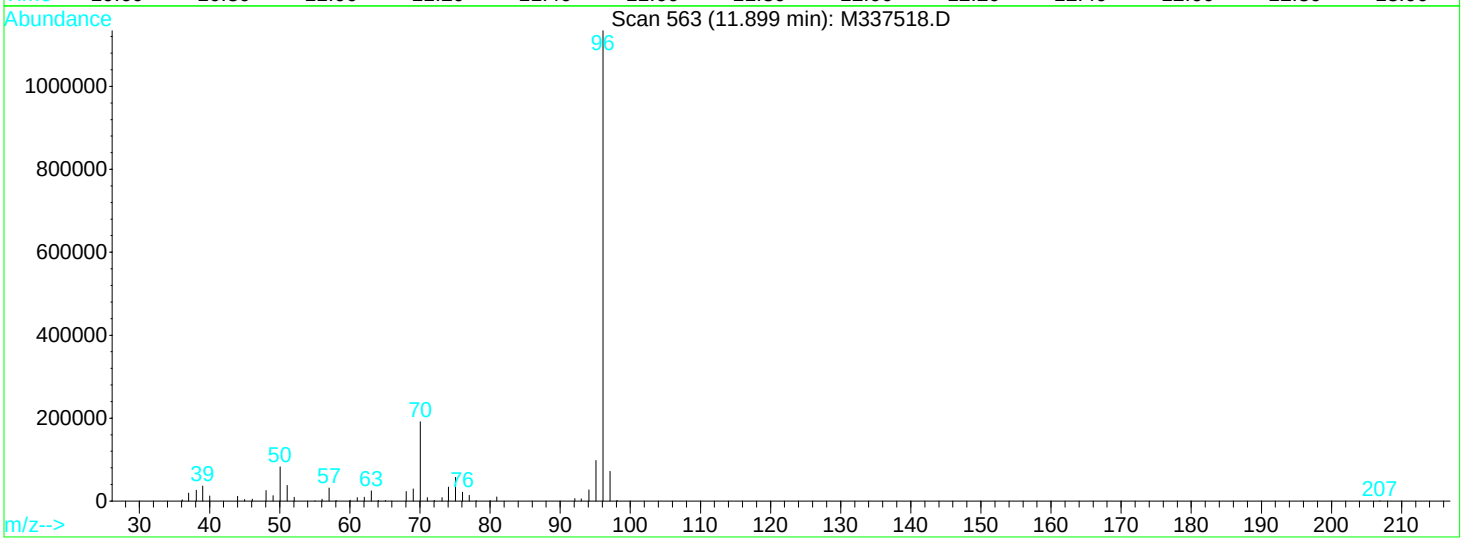
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337518.D Vial: 19
Acq On : 4 Dec 2009 5:44 pm Operator: MD
Sample : 0912038-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:11 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337518.D

(43) Tertiary-amyl methyl ether

11.90min 0.50ug/l

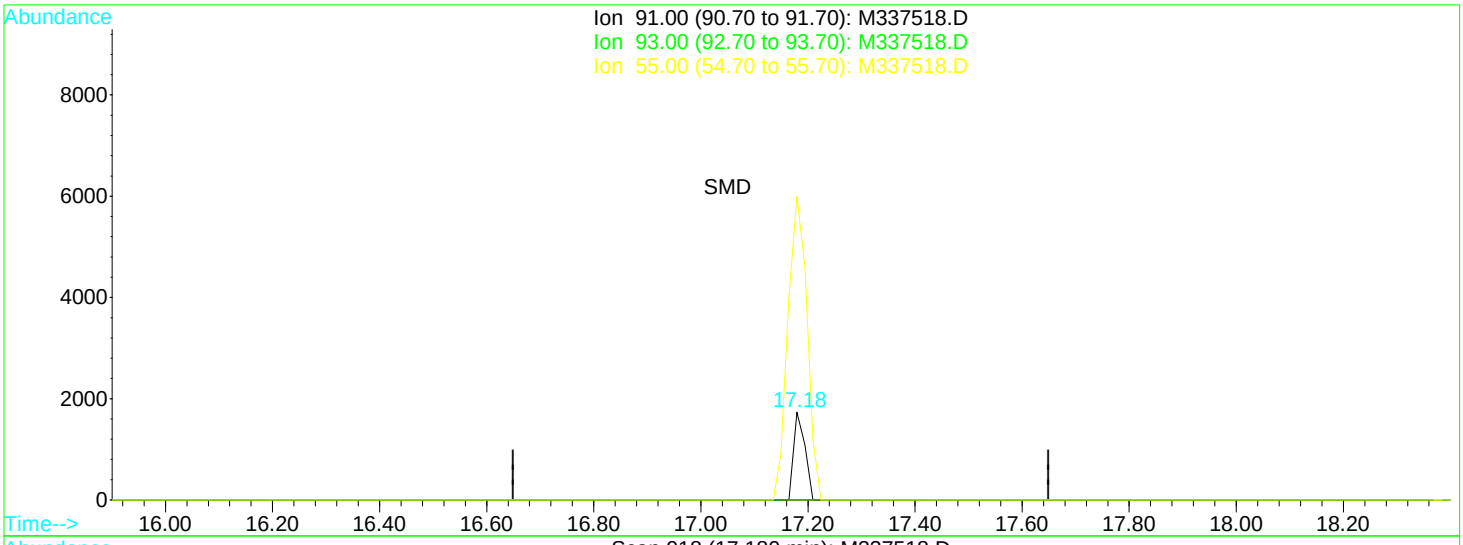
response 22084

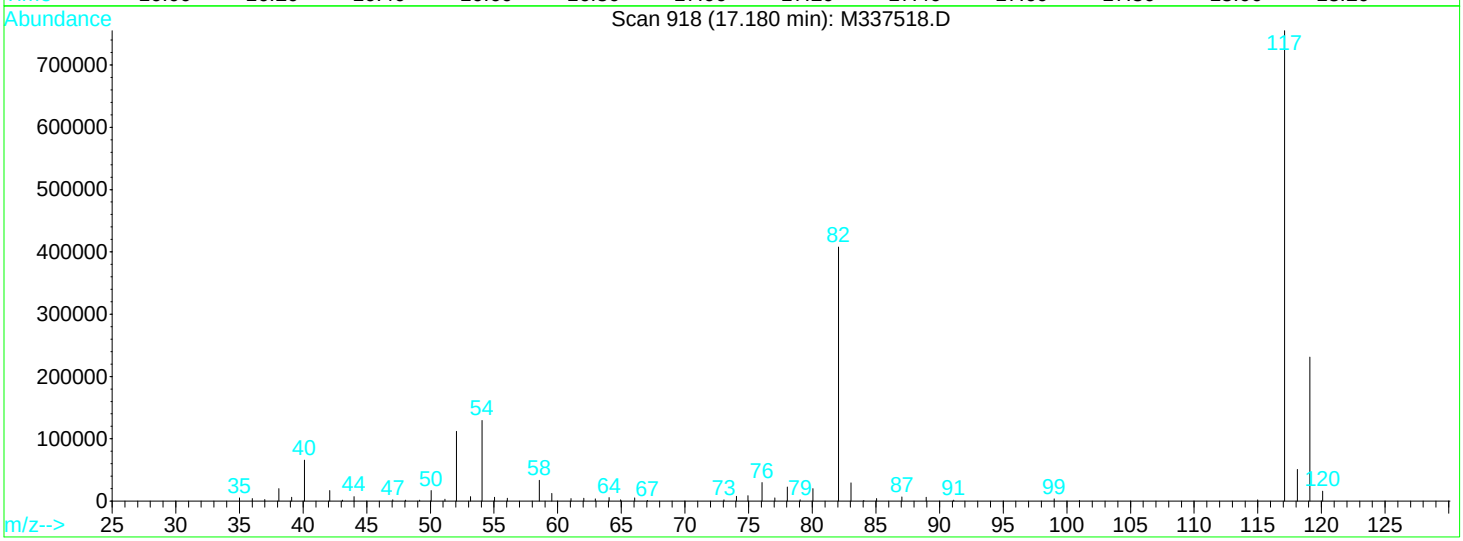
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	10.40
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337518.D Vial: 19
Acq On : 4 Dec 2009 5:44 pm Operator: MD
Sample : 0912038-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:11 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337518.D

(66) 1-Chlorohexane

17.18min 0.10ug/l

response 2514

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	346.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337518.D Vial: 19
Acq On : 4 Dec 2009 5:44 pm Operator: MD
Sample : 0912038-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:12 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

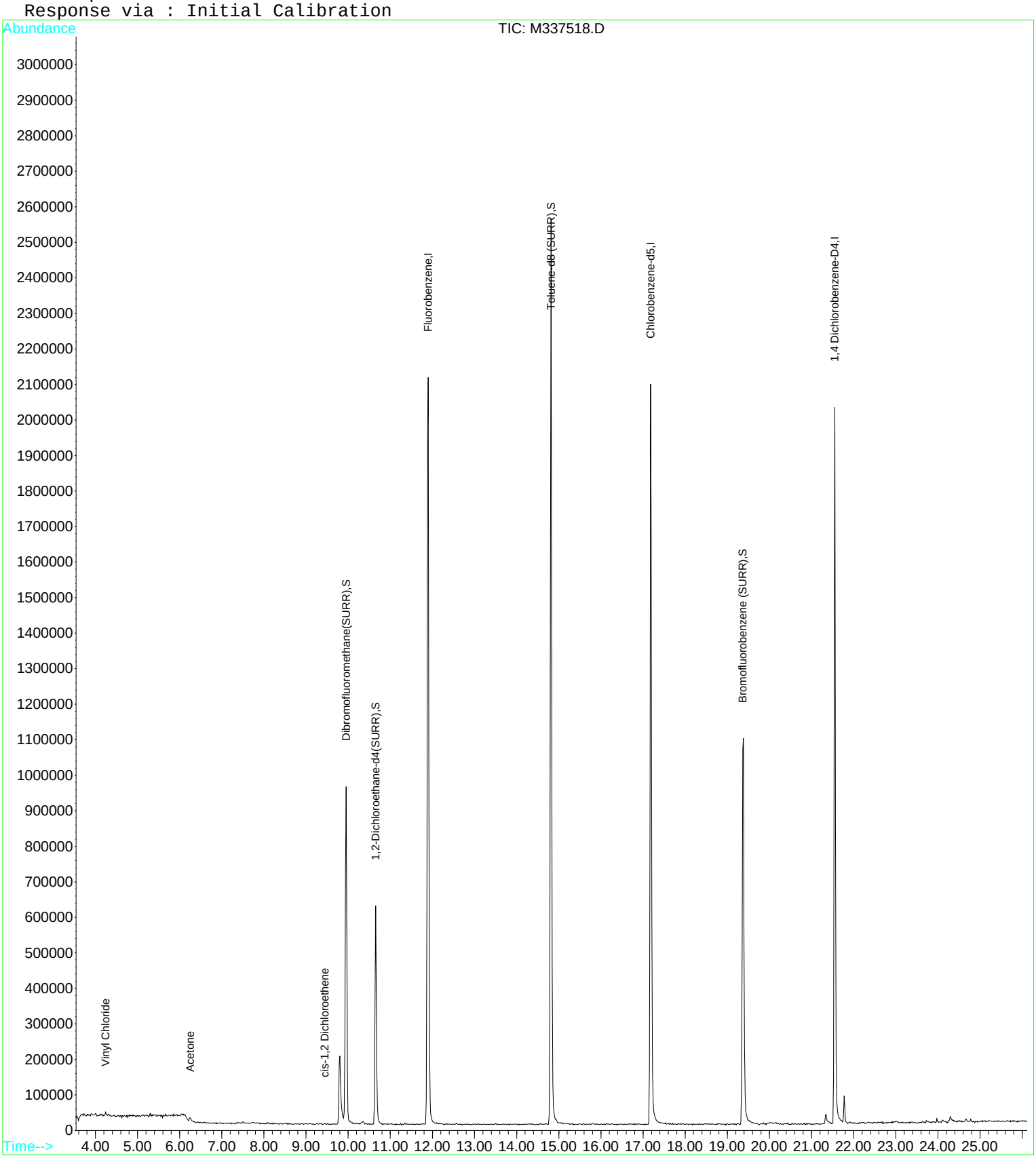
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2861406	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	1936033	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	711012	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	797513	22.56	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.24%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	463107	23.90	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.60%			
59) Toluene-d8 (SURR)	14.81	98	2372139	23.77	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.08%			
75) Bromofluorobenzene (SURR)	19.37	95	810198	23.65	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.60%			
Target Compounds						Qvalue
4) Vinyl Chloride	4.24	62	10297	0.42	ug/l #	41
10) Acetone	6.25	58	5147	4.37	ug/l	90
27) cis-1,2 Dichloroethene	9.45	96	3118	0.09	ug/l #	60

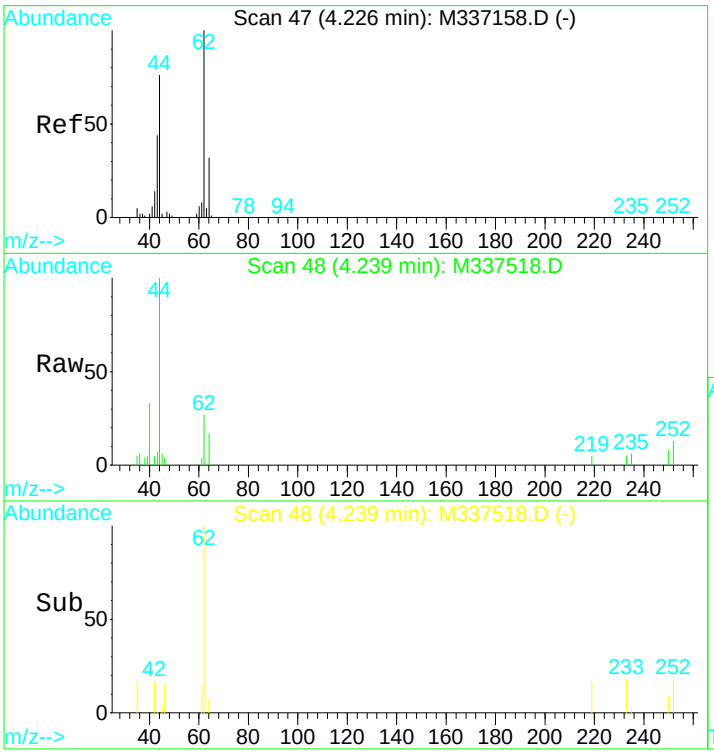
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337518.D Vial: 19
Acq On : 4 Dec 2009 5:44 pm Operator: MD
Sample : 0912038-12 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:12 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

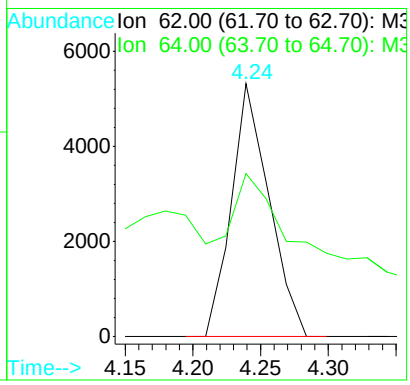


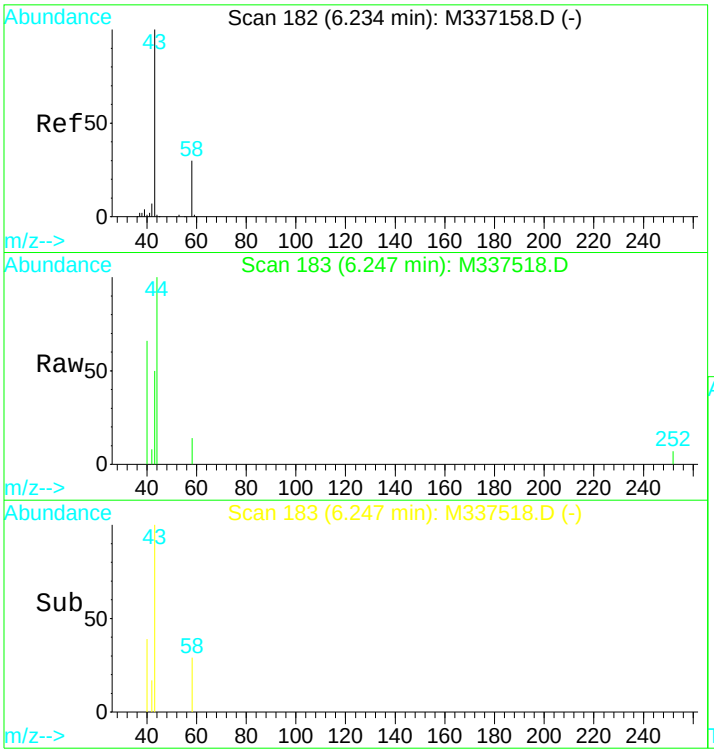


#4
Vinyl Chloride
Concen: 0.42 ug/l
RT: 4.24 min Scan# 48
Delta R.T. 0.00 min
Lab File: M337518.D
Acq: 4 Dec 2009 5:44 pm

Tgt Ion: 62 Resp: 10297

Ion	Ratio	Lower	Upper
62	100		
64	64.4	1.8	61.8#

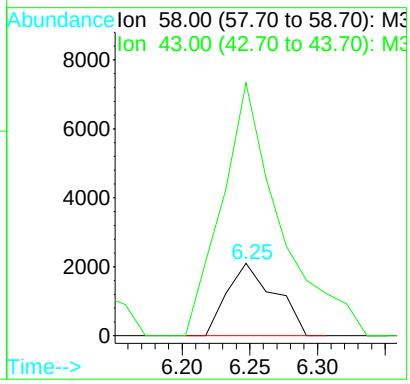


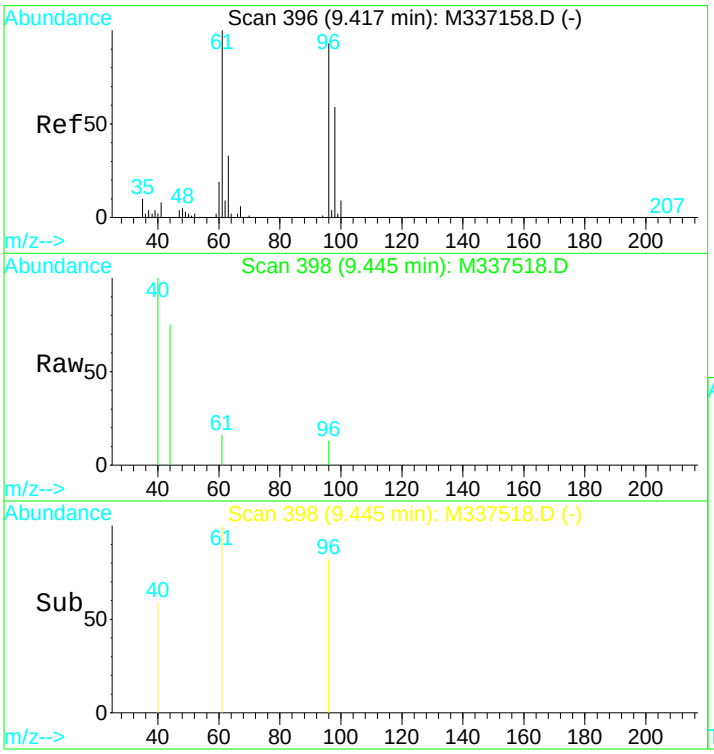


#10
Acetone
Concen: 4.37 ug/l
RT: 6.25 min Scan# 183
Delta R.T. 0.00 min
Lab File: M337518.D
Acq: 4 Dec 2009 5:44 pm

Tgt Ion: 58 Resp: 5147

Ion	Ratio	Lower	Upper
58	100		
43	349.6	298.2	358.2

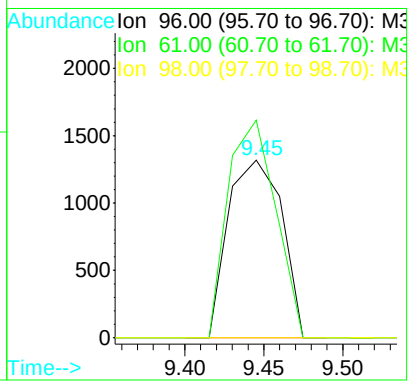




#27
cis-1,2 Dichloroethene
Concen: 0.09 ug/l
RT: 9.45 min Scan# 398
Delta R.T. 0.00 min
Lab File: M337518.D
Acq: 4 Dec 2009 5:44 pm

Tgt Ion: 96 Resp: 3118

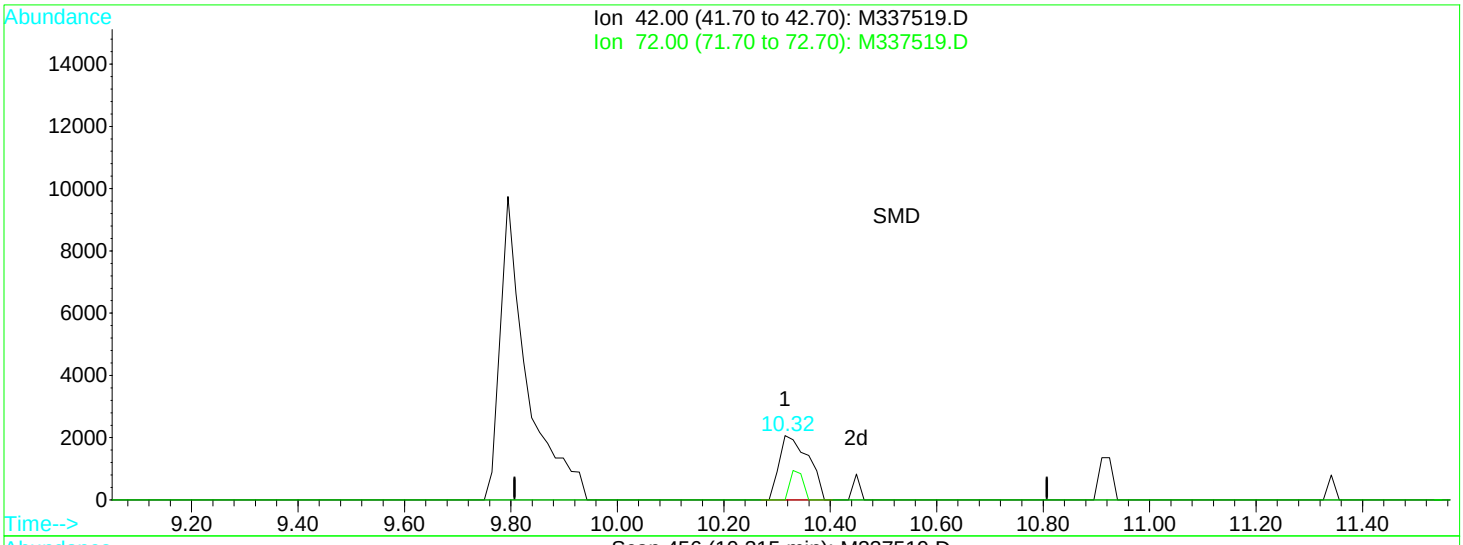
Ion	Ratio	Lower	Upper
96	100		
61	122.5	77.5	137.5
98	0.0	33.9	93.9#

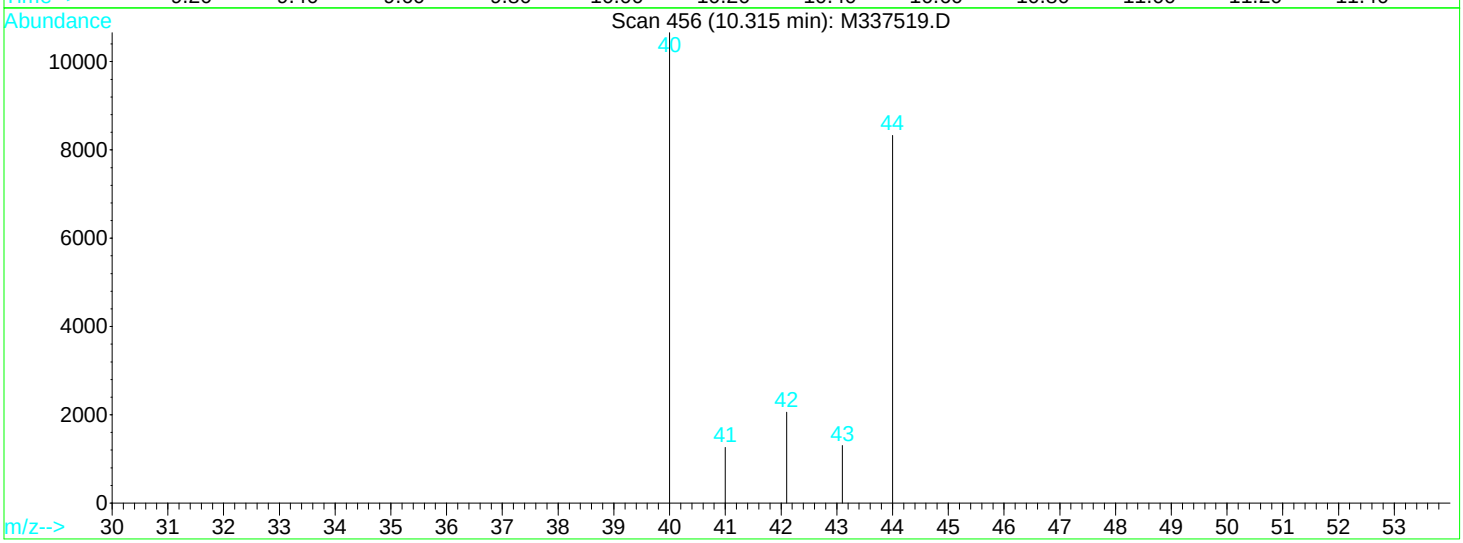


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337519.D Vial: 20
Acq On : 4 Dec 2009 6:15 pm Operator: MD
Sample : 0912038-13 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:12 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337519.D

(32) Tetrahydrofuran

10.32min 1.84ug/l

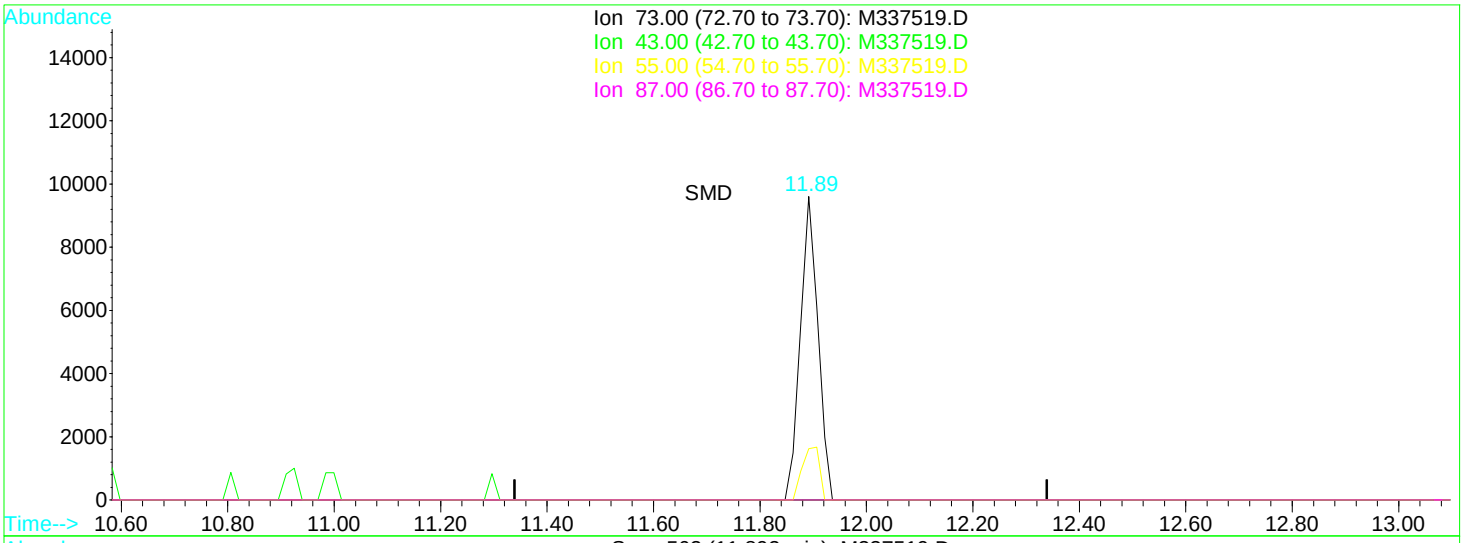
response 7854

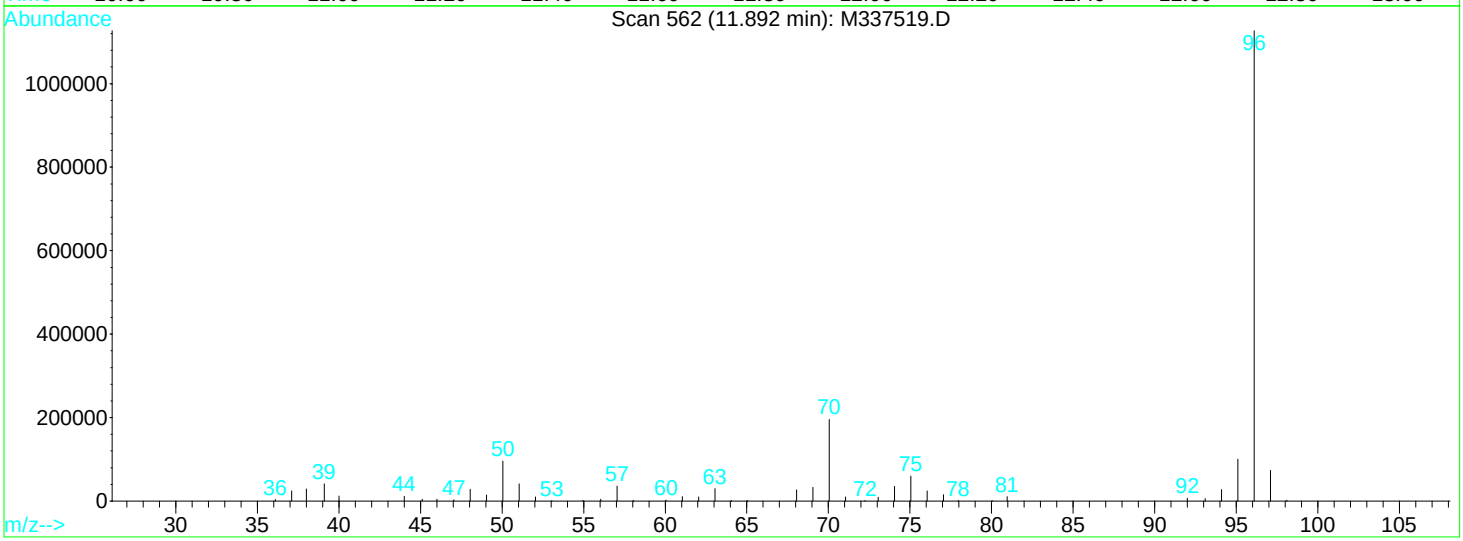
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337519.D Vial: 20
Acq On : 4 Dec 2009 6:15 pm Operator: MD
Sample : 0912038-13 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:12 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337519.D

(43) Tertiary-amyl methyl ether

11.89min 0.52ug/l

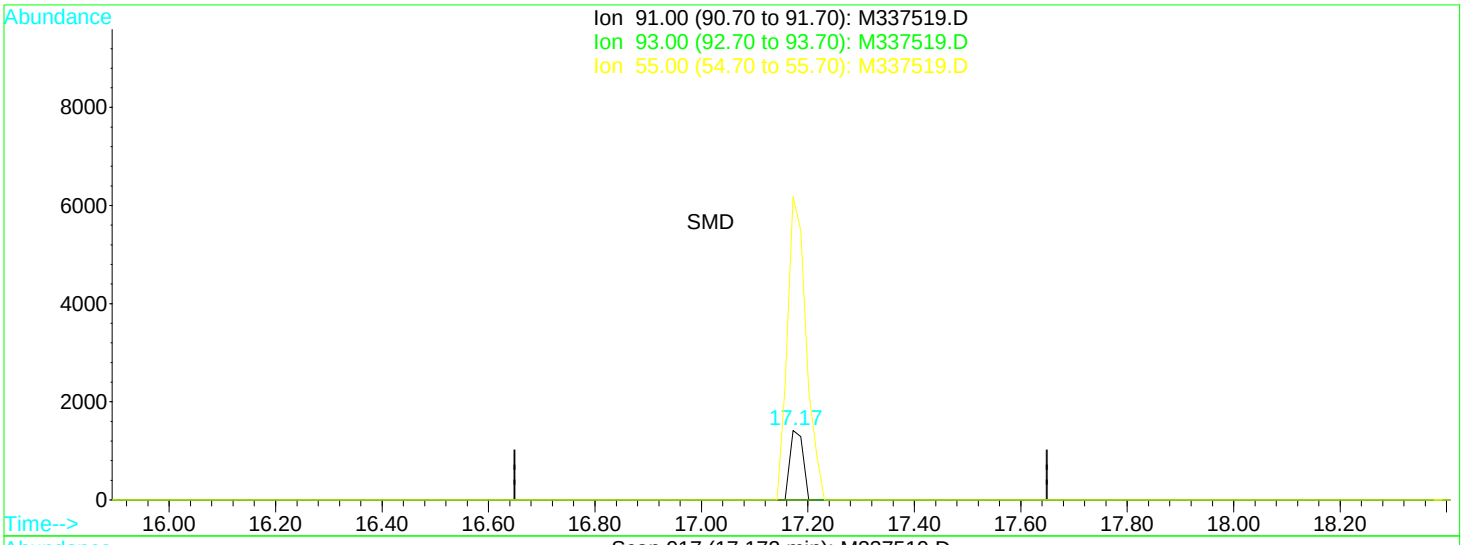
response 22101

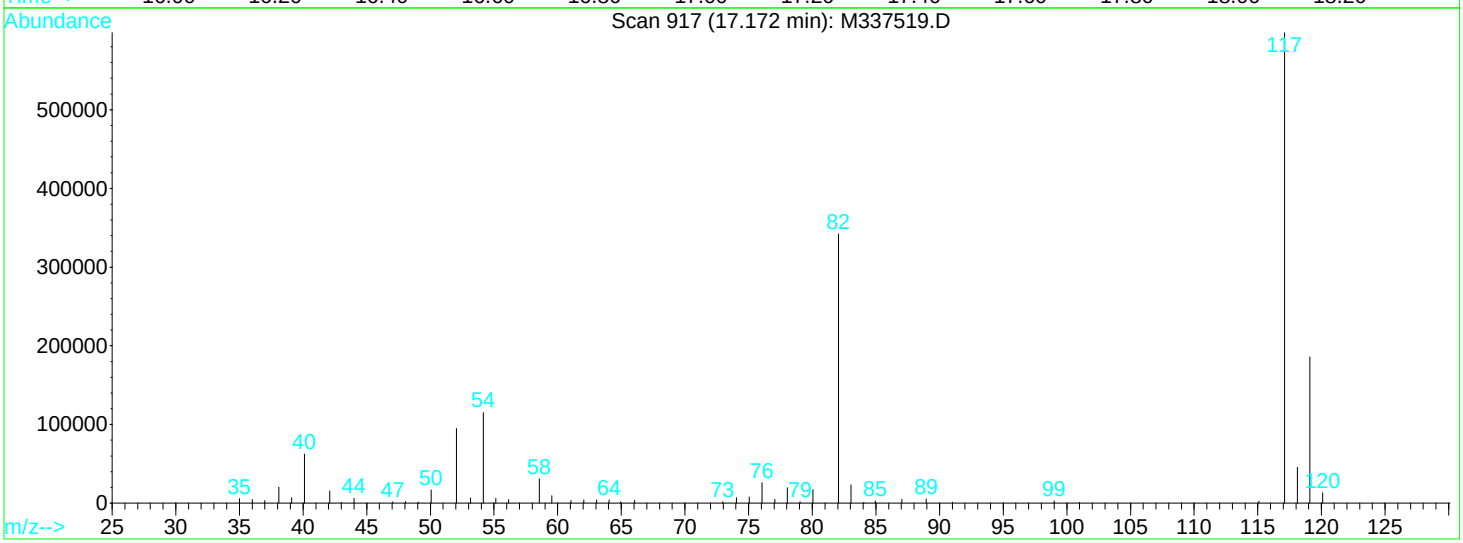
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	16.90
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337519.D Vial: 20
Acq On : 4 Dec 2009 6:15 pm Operator: MD
Sample : 0912038-13 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:12 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337519.D

(66) 1-Chlorohexane

17.17min 0.10ug/l

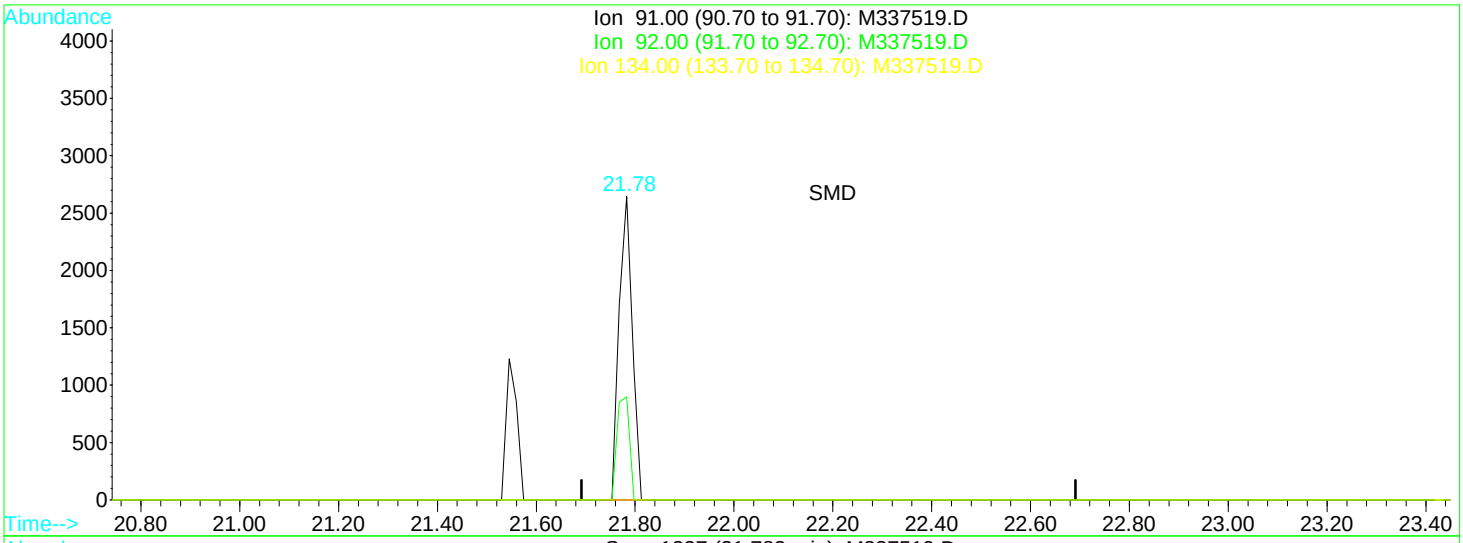
response 2419

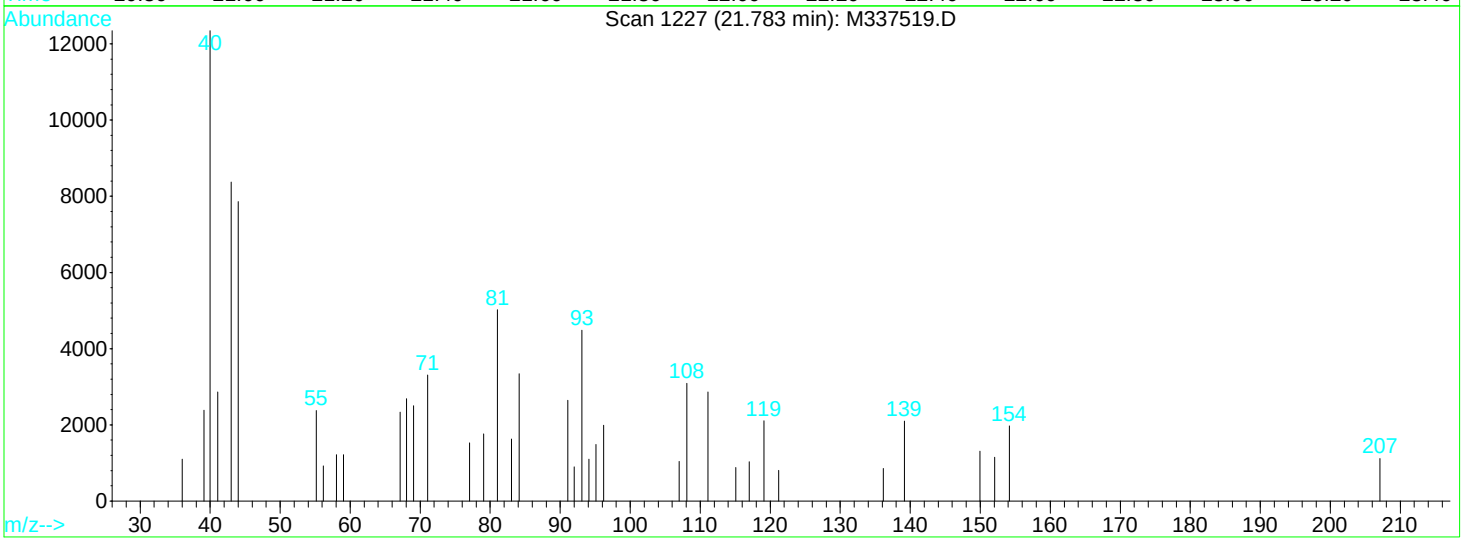
Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	436.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337519.D Vial: 20
Acq On : 4 Dec 2009 6:15 pm Operator: MD
Sample : 0912038-13 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:12 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337519.D

(93) n-Butylbenzene

21.78min 0.09ug/l

response 4887

Ion	Exp%	Act%
91.00	100	100
92.00	56.30	33.91
134.00	20.60	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337519.D Vial: 20
Acq On : 4 Dec 2009 6:15 pm Operator: MD
Sample : 0912038-13 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

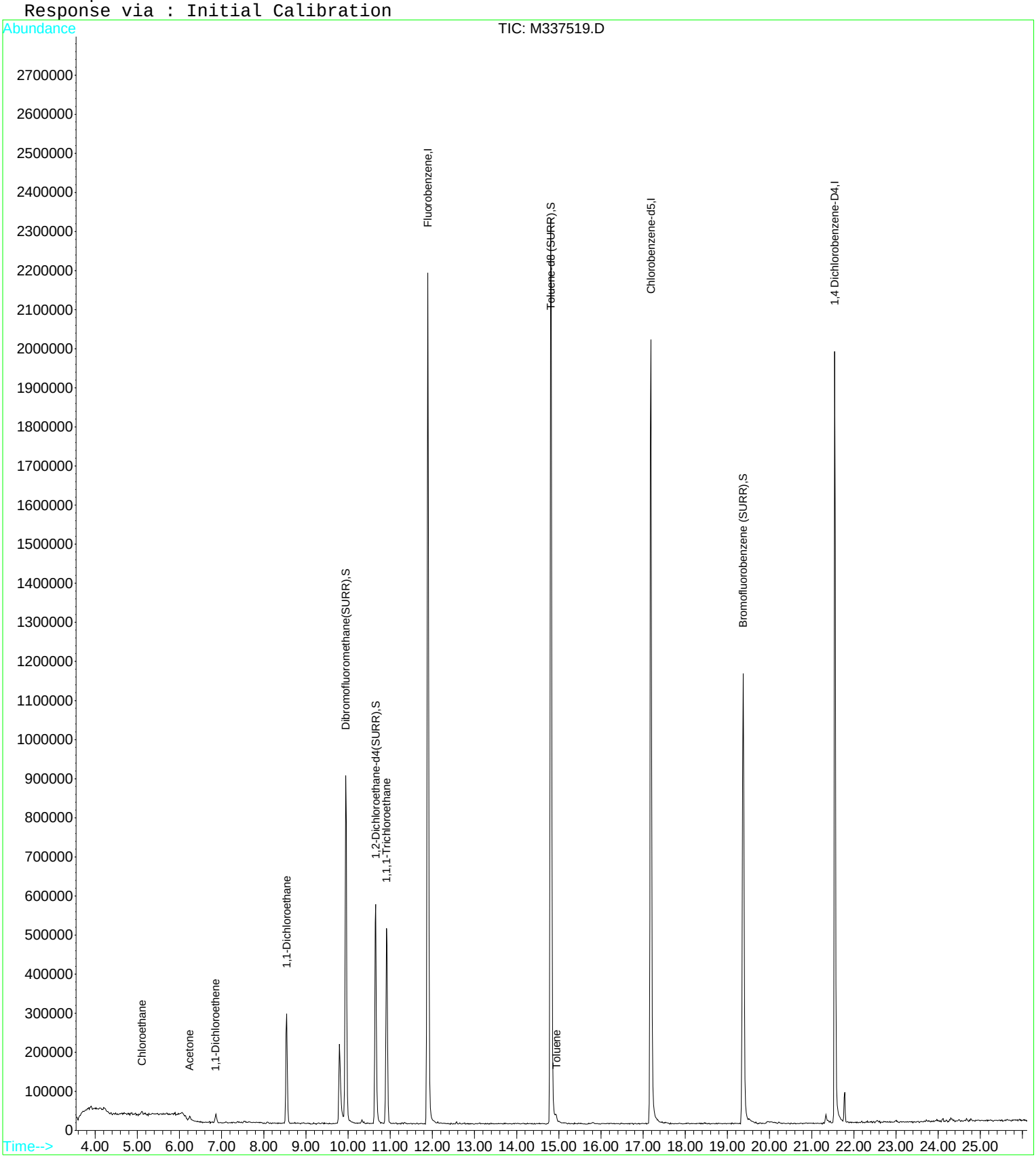
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2743993	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1920059	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	718288	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	778894	22.98	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.92%			
41) 1,2-Dichloroethane-d4(SURR	10.66	65	454805	24.48	ug/l	0.00
Spiked Amount 25.000			Recovery = 97.92%			
59) Toluene-d8 (SURR)	14.81	98	2346883	23.71	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.84%			
75) Bromofluorobenzene (SURR)	19.37	95	811609	23.89	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.56%			
Target Compounds						Qvalue
6) Chloroethane	5.11	64	11393	0.87	ug/l	81
10) Acetone	6.24	58	5257	4.65	ug/l	99
16) 1,1-Dichloroethene	6.85	96	11577	0.45	ug/l	90
21) 1,1-Dichloroethane	8.54	63	351982	8.13	ug/l	99
36) 1,1,1-Trichloroethane	10.91	97	430114	13.77	ug/l	98
57) Toluene	14.94	92	9623	0.15	ug/l	97

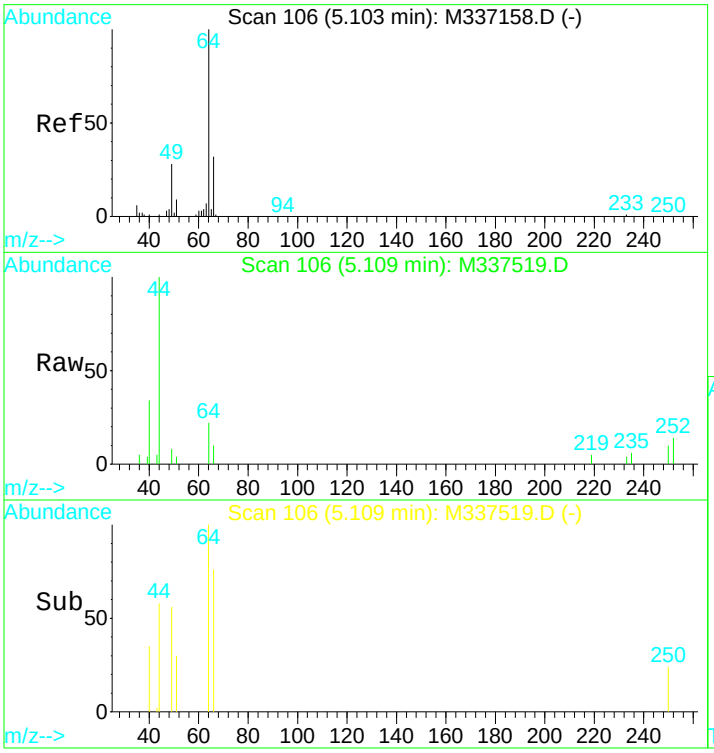
(#) = qualifier out of range (m) = manual integration
M337519.D AQ110909.M Tue Dec 08 10:13:07 2009 Page 1

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337519.D Vial: 20
Acq On : 4 Dec 2009 6:15 pm Operator: MD
Sample : 0912038-13 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

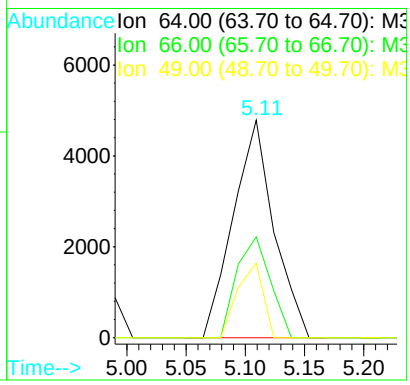


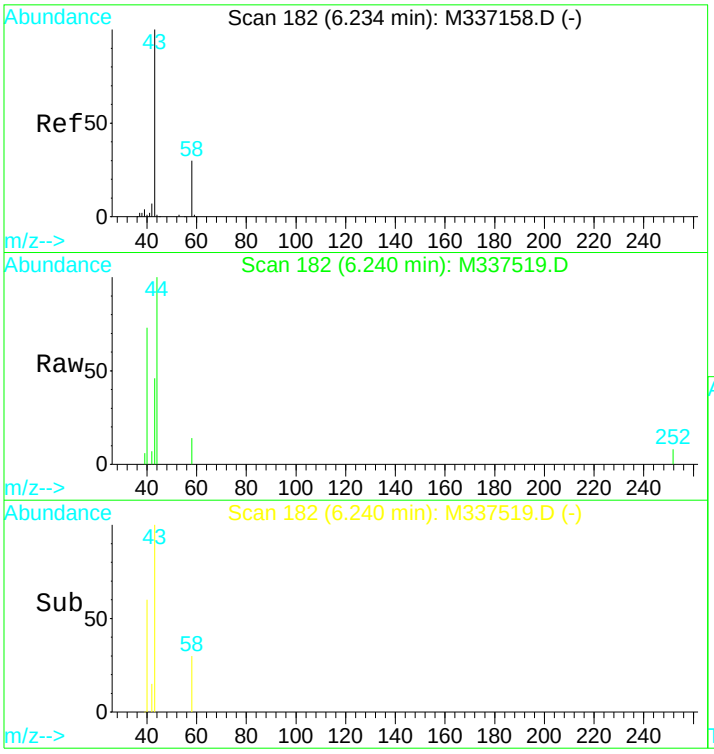


#6
Chloroethane
Concen: 0.87 ug/l
RT: 5.11 min Scan# 106
Delta R.T. -0.01 min
Lab File: M337519.D
Acq: 4 Dec 2009 6:15 pm

Tgt Ion: 64 Resp: 11393

Ion	Ratio	Lower	Upper
64	100		
66	46.3	2.1	62.1
49	34.2	0.0	58.1

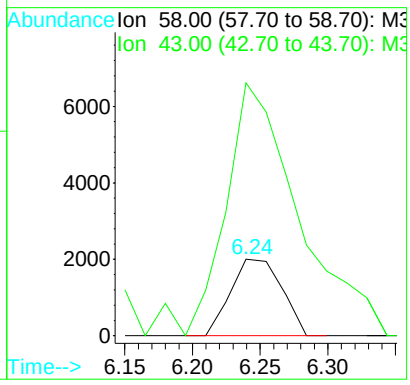


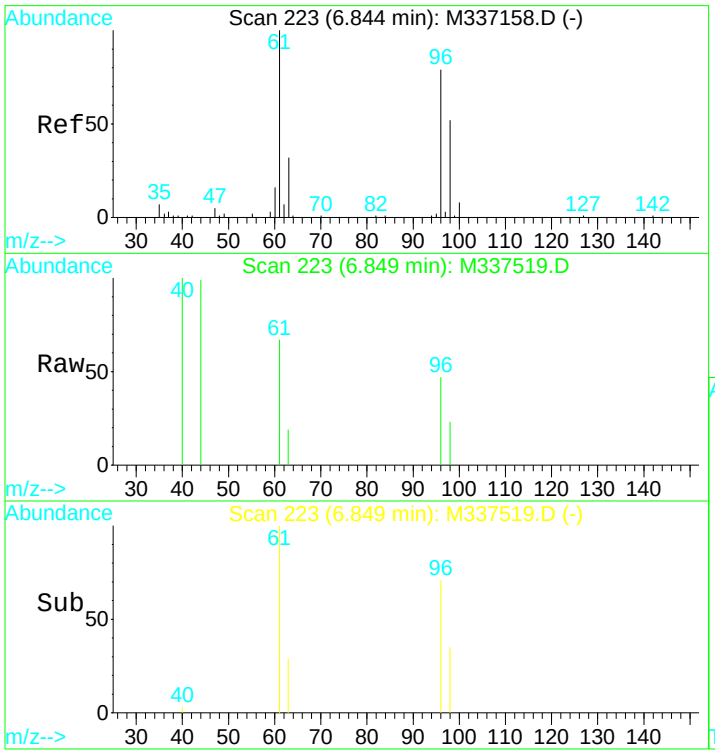


#10
Acetone
Concen: 4.65 ug/l
RT: 6.24 min Scan# 182
Delta R.T. -0.01 min
Lab File: M337519.D
Acq: 4 Dec 2009 6:15 pm

Tgt Ion: 58 Resp: 5257

Ion	Ratio	Lower	Upper
58	100		
43	330.8	298.2	358.2

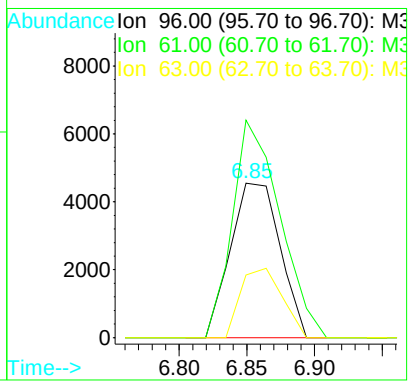


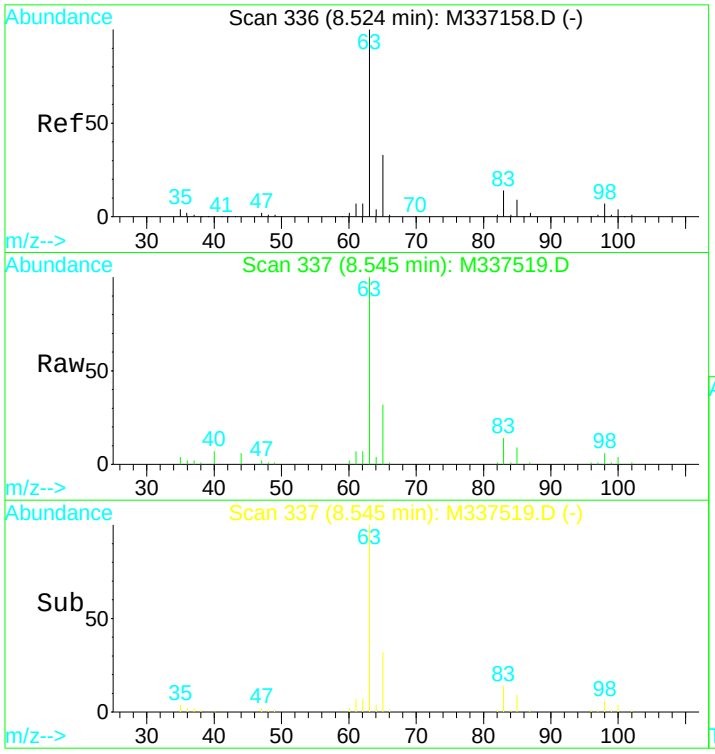


#16
1,1-Dichloroethene
Concen: 0.45 ug/l
RT: 6.85 min Scan# 223
Delta R.T. -0.01 min
Lab File: M337519.D
Acq: 4 Dec 2009 6:15 pm

Tgt Ion: 96 Resp: 11577

Ion	Ratio	Lower	Upper
96	100		
61	140.9	96.1	156.1
63	40.6	10.0	70.0

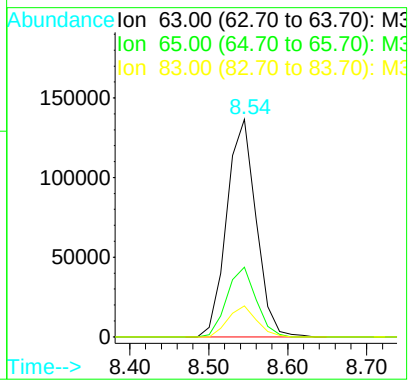


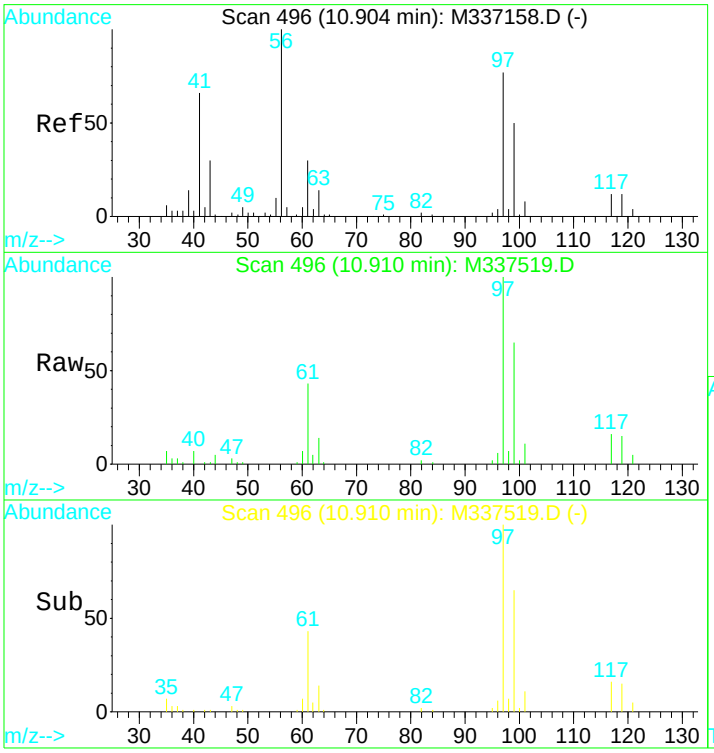


#21
1,1-Dichloroethane
Concen: 8.13 ug/l
RT: 8.54 min Scan# 337
Delta R.T. 0.01 min
Lab File: M337519.D
Acq: 4 Dec 2009 6:15 pm

Tgt Ion: 63 Resp: 351982

Ion	Ratio	Lower	Upper
63	100		
65	32.0	2.9	62.9
83	14.2	0.0	44.2

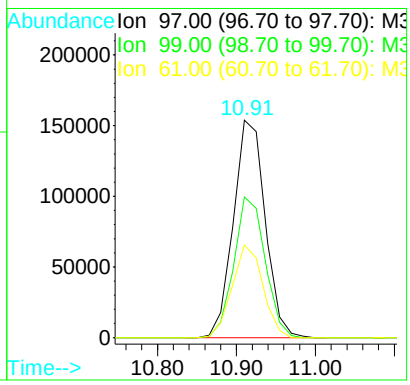


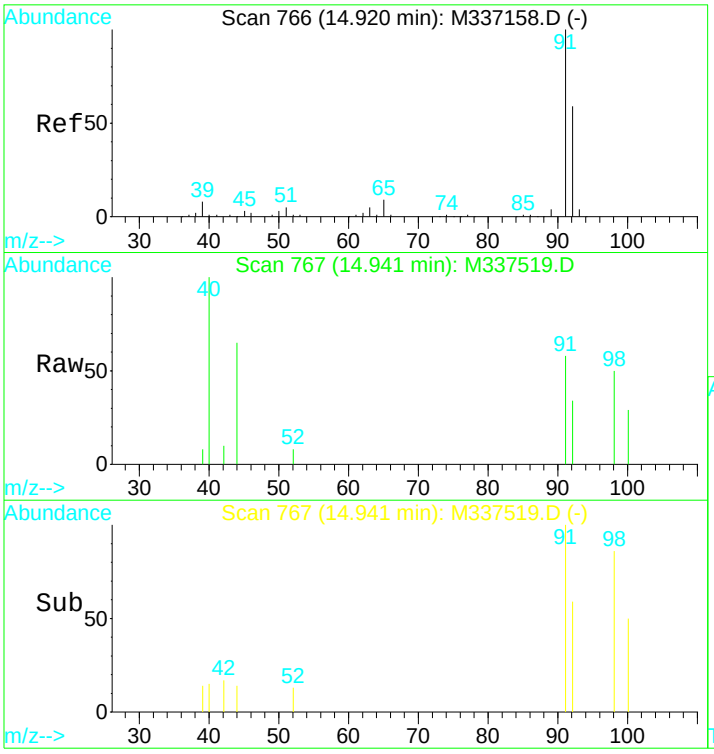


#36
1,1,1-Trichloroethane
Concen: 13.77 ug/l
RT: 10.91 min Scan# 496
Delta R.T. -0.01 min
Lab File: M337519.D
Acq: 4 Dec 2009 6:15 pm

Tgt Ion: 97 Resp: 430114

Ion	Ratio	Lower	Upper
97	100		
99	64.6	34.9	94.9
61	42.6	9.8	69.8

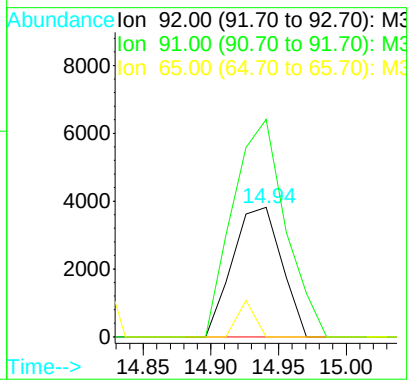




#57
Toluene
Concen: 0.15 ug/l
RT: 14.94 min Scan# 767
Delta R.T. 0.01 min
Lab File: M337519.D
Acq: 4 Dec 2009 6:15 pm

Tgt Ion: 92 Resp: 9623

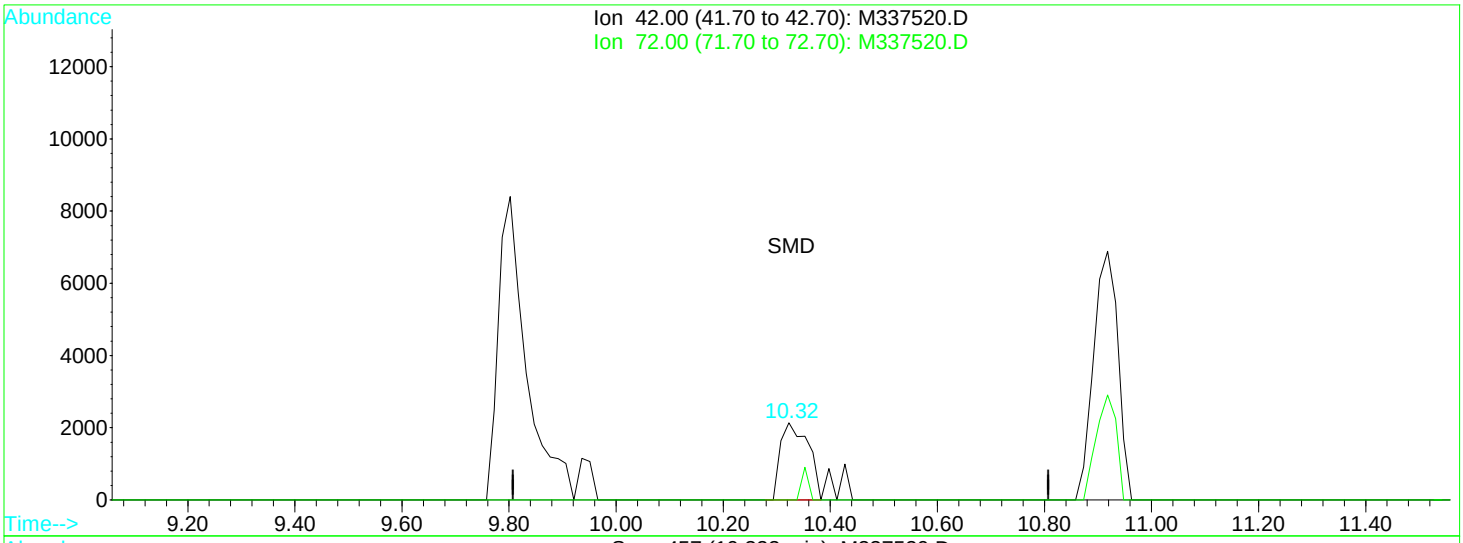
Ion	Ratio	Lower	Upper
92	100		
91	168.1	139.1	199.1
65	0.0	0.0	44.5

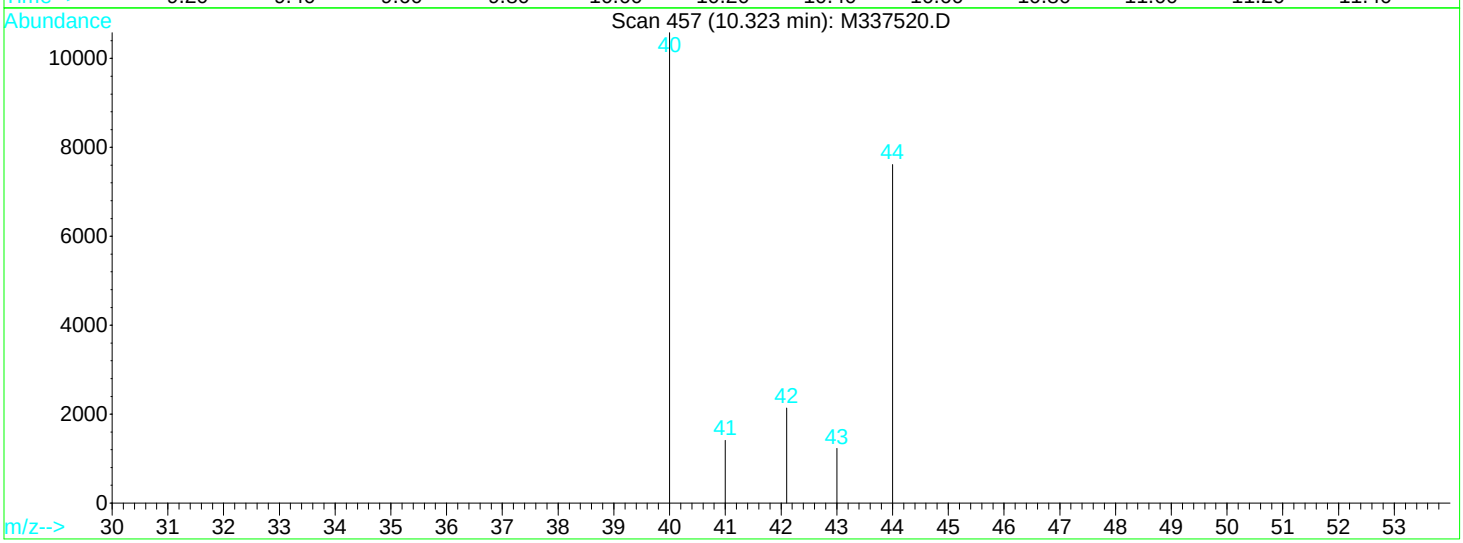


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337520.D Vial: 21
Acq On : 4 Dec 2009 6:47 pm Operator: MD
Sample : 0912038-14 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337520.D

(32) Tetrahydrofuran

10.32min 1.68ug/l

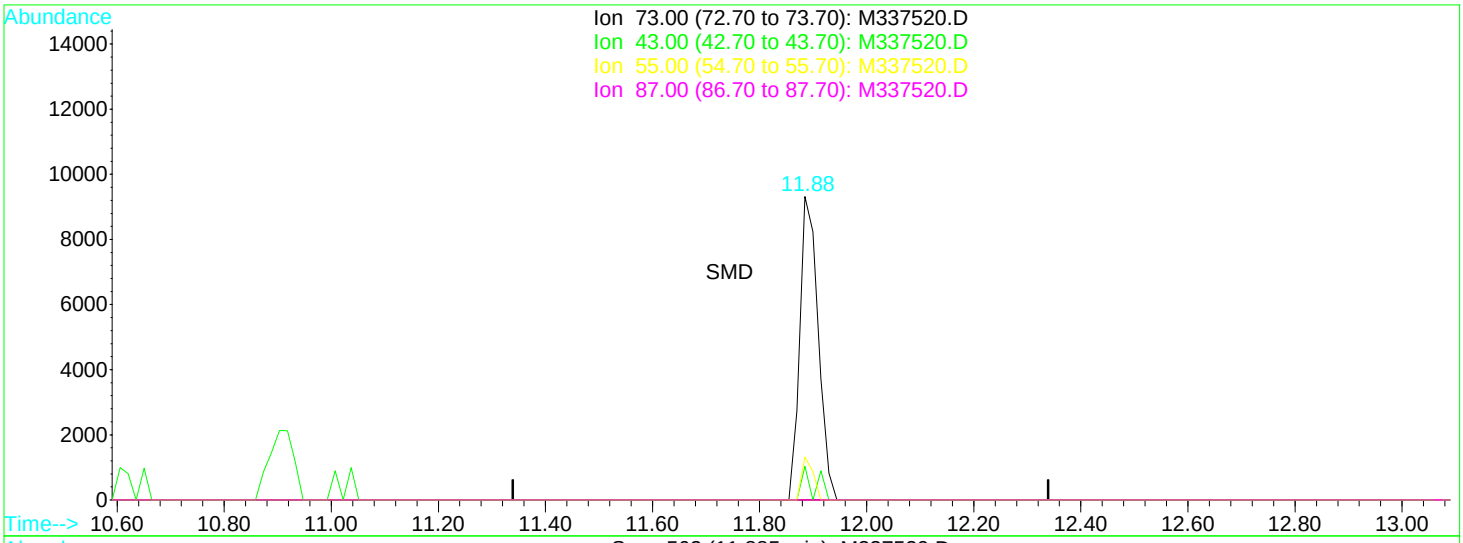
response 7684

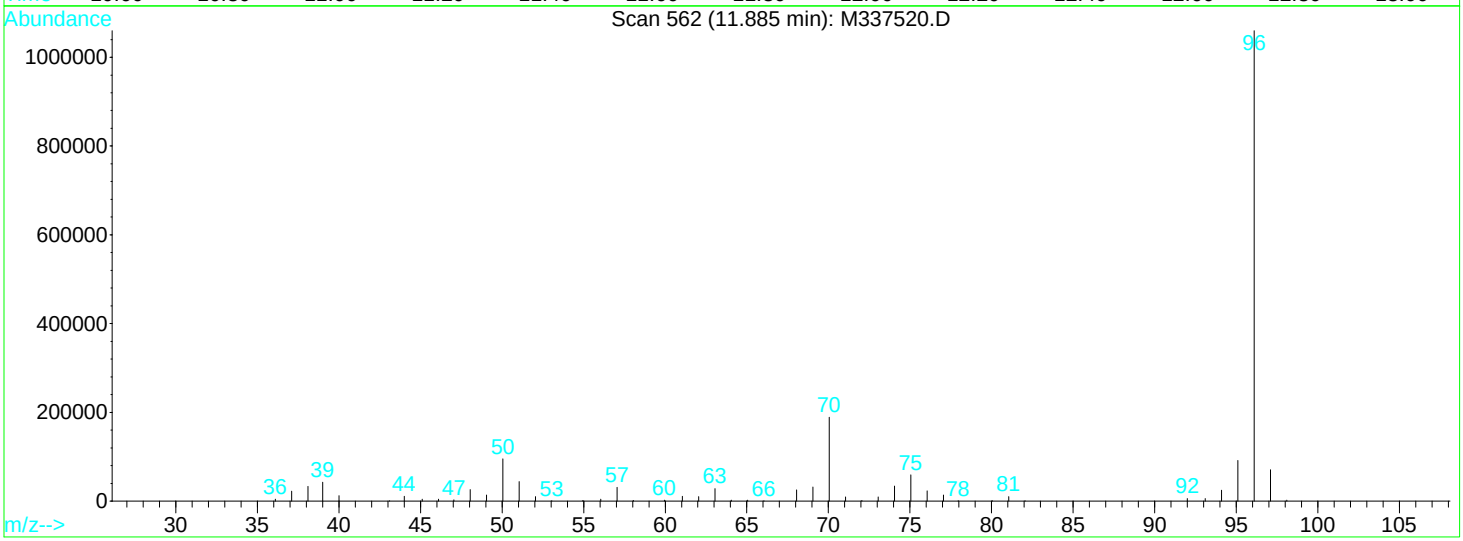
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337520.D Vial: 21
Acq On : 4 Dec 2009 6:47 pm Operator: MD
Sample : 0912038-14 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337520.D

(43) Tertiary-amyl methyl ether

11.88min 0.49ug/l

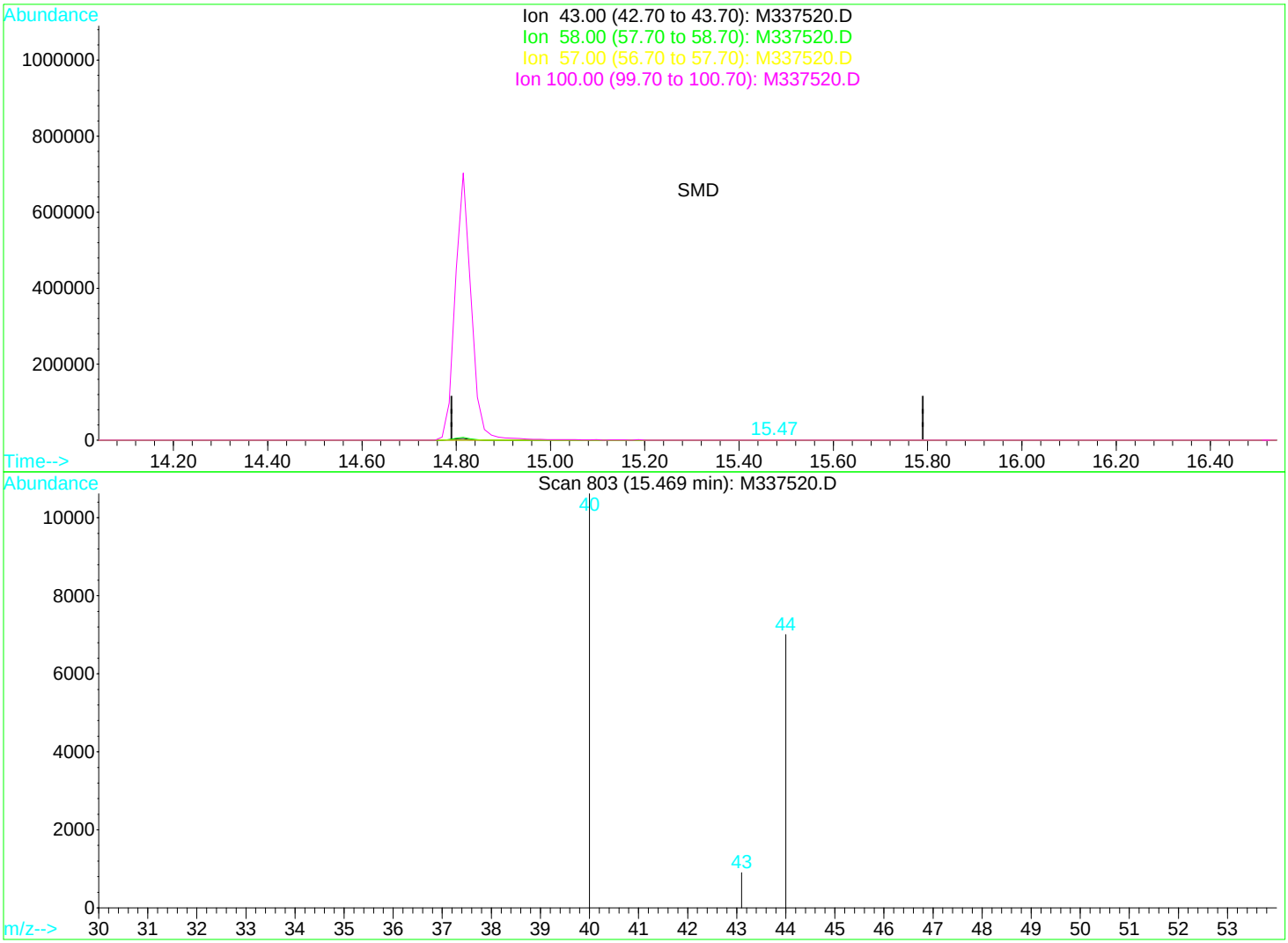
response 22173

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	11.09
55.00	35.70	14.16
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337520.D Vial: 21
Acq On : 4 Dec 2009 6:47 pm Operator: MD
Sample : 0912038-14 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337520.D

(61) 2-Hexanone

15.47min 7.78ug/l

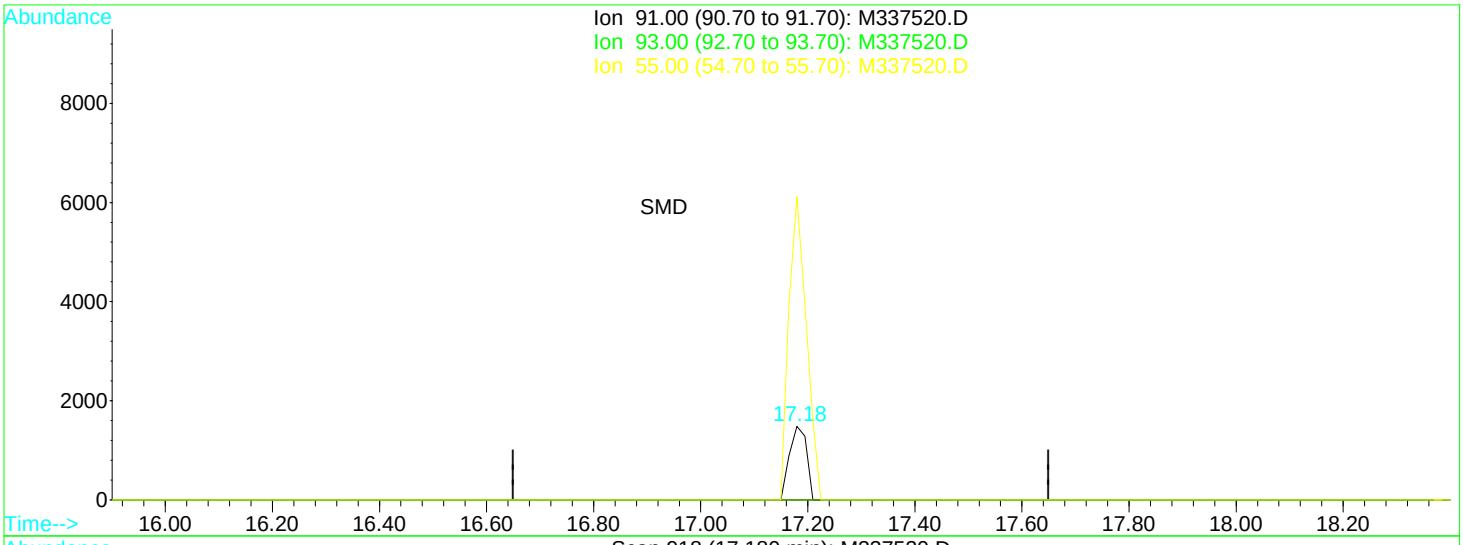
response 806

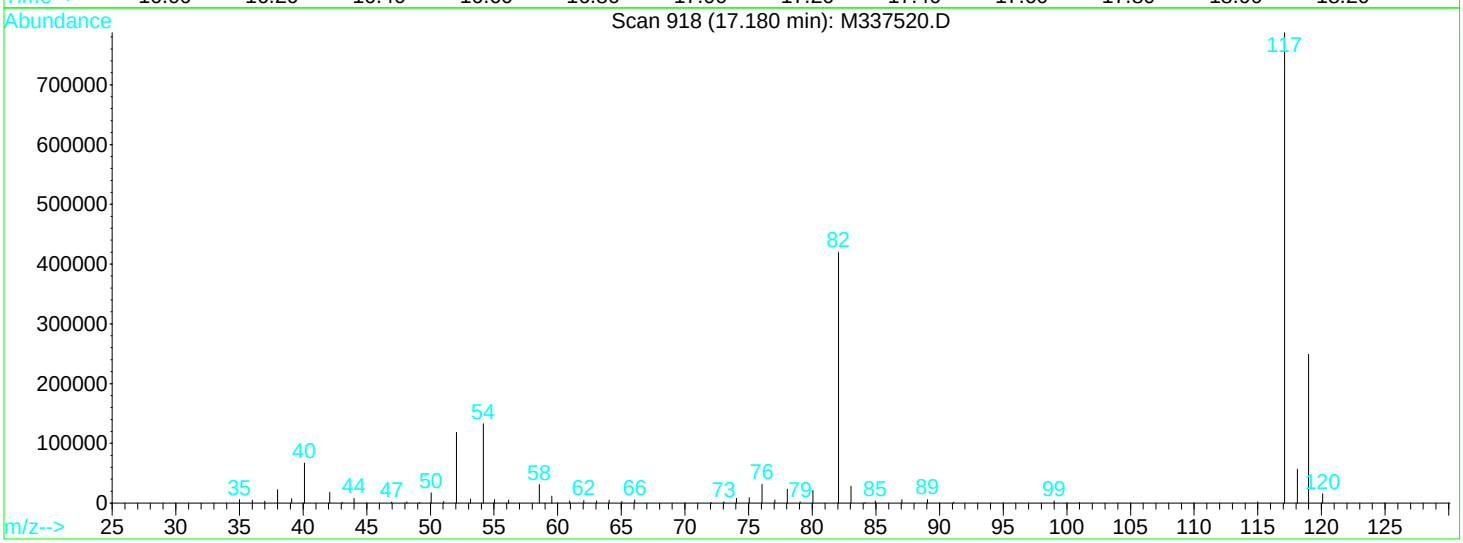
Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	0.00
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337520.D Vial: 21
Acq On : 4 Dec 2009 6:47 pm Operator: MD
Sample : 0912038-14 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337520.D

(66) 1-Chlorohexane

17.18min 0.13ug/l

response 3268

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	412.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337520.D Vial: 21
Acq On : 4 Dec 2009 6:47 pm Operator: MD
Sample : 0912038-14 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

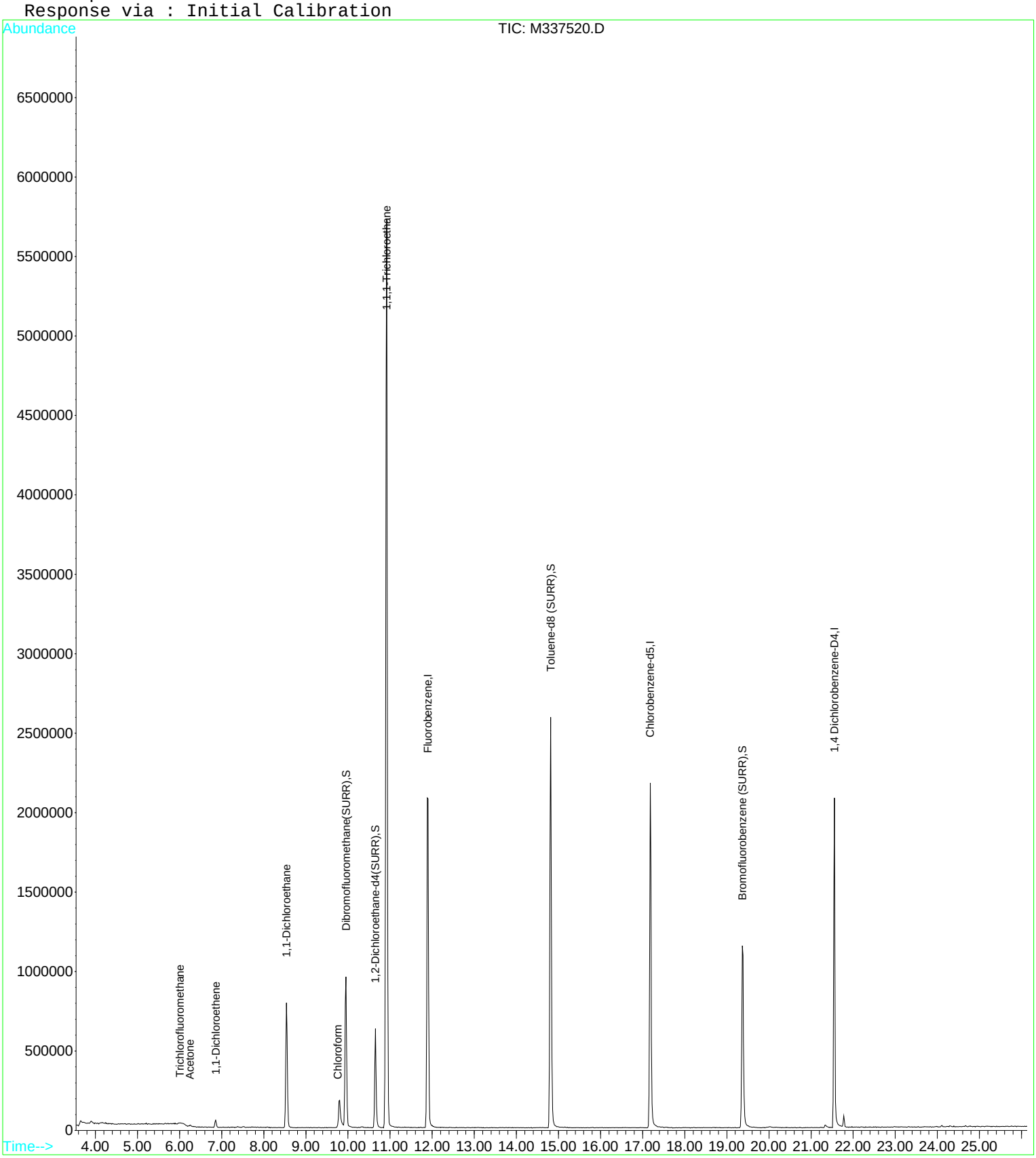
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2935357	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	1994452	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	743665	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	805744	22.22	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.88%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	468016	23.55	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.20%			
59) Toluene-d8 (SURR)	14.81	98	2466768	23.99	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.96%			
75) Bromofluorobenzene (SURR)	19.37	95	829133	23.49	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.96%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	6.01	101	8717	0.26	ug/l	100
10) Acetone	6.25	58	3139	2.60	ug/l	91
16) 1,1-Dichloroethene	6.86	96	26066	0.95	ug/l	99
21) 1,1-Dichloroethane	8.54	63	944344	20.39	ug/l	98
33) Chloroform	9.76	83	20143	0.43	ug/l	96
36) 1,1,1-Trichloroethane	10.92	97	4798590	143.64	ug/l	99

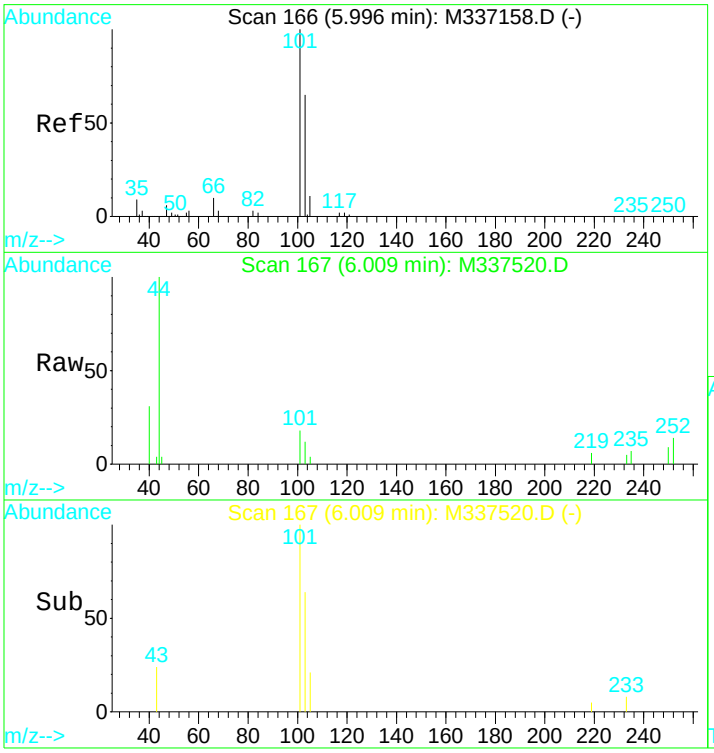
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337520.D Vial: 21
Acq On : 4 Dec 2009 6:47 pm Operator: MD
Sample : 0912038-14 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:13 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

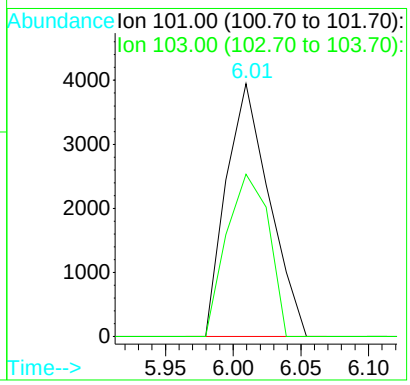


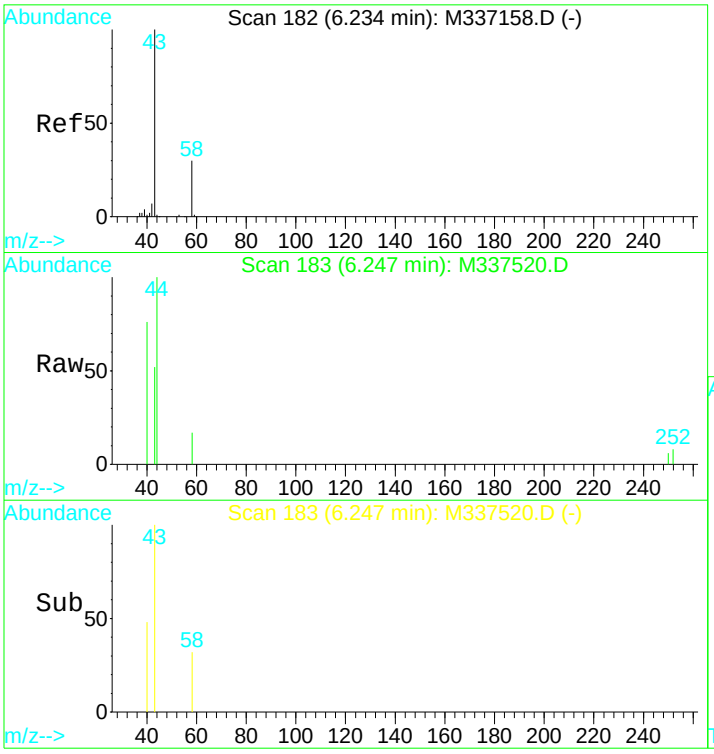


#7
Trichlorofluoromethane
Concen: 0.26 ug/l
RT: 6.01 min Scan# 167
Delta R.T. 0.00 min
Lab File: M337520.D
Acq: 4 Dec 2009 6:47 pm

Tgt Ion:101 Resp: 8717

Ion	Ratio	Lower	Upper
101	100		
103	64.2	34.5	94.5

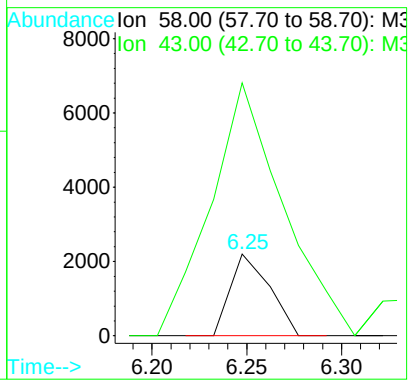


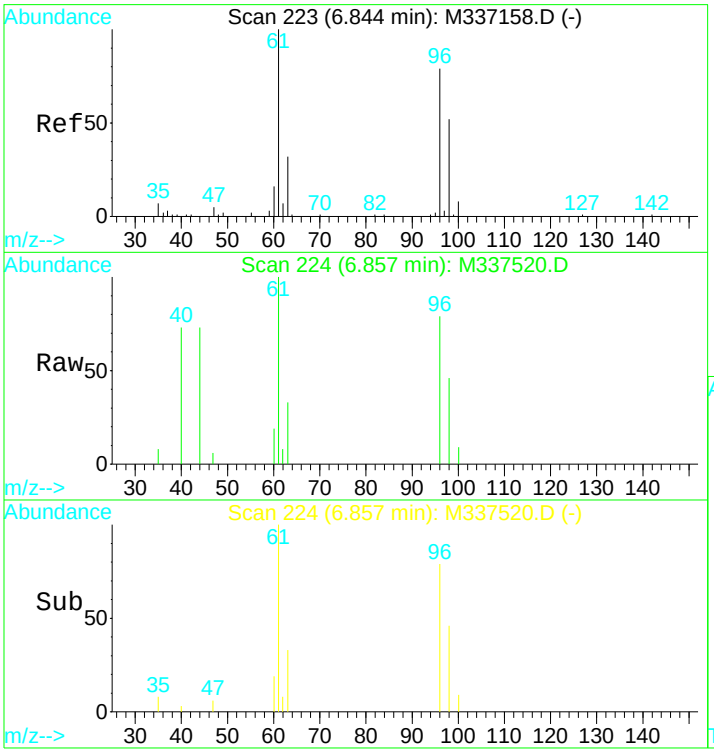


#10
Acetone
Concen: 2.60 ug/l
RT: 6.25 min Scan# 183
Delta R.T. 0.00 min
Lab File: M337520.D
Acq: 4 Dec 2009 6:47 pm

Tgt Ion: 58 Resp: 3139

Ion	Ratio	Lower	Upper
58	100		
43	309.9	298.2	358.2

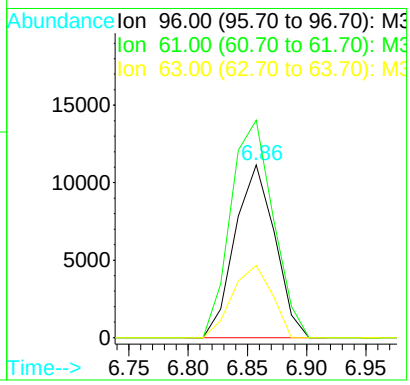


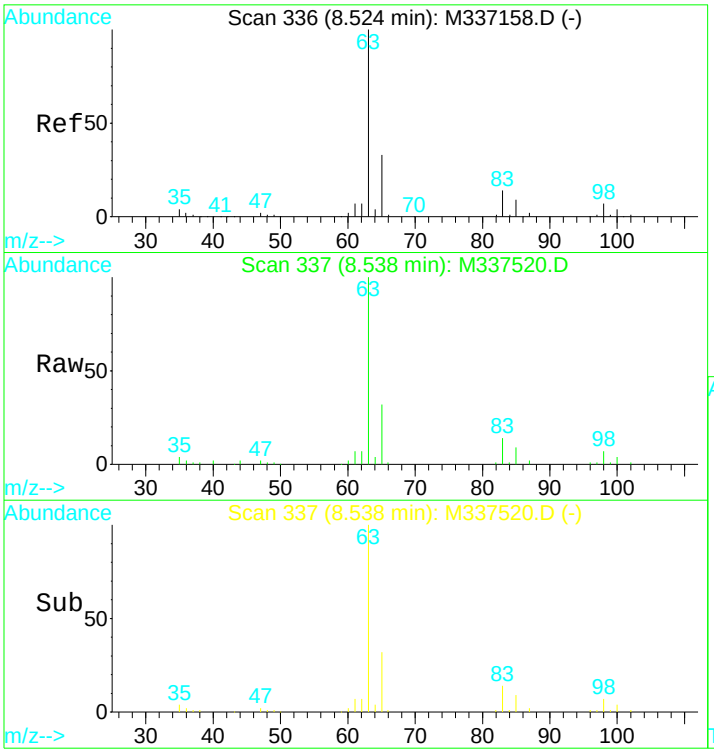


#16
1,1-Dichloroethene
Concen: 0.95 ug/l
RT: 6.86 min Scan# 224
Delta R.T. 0.00 min
Lab File: M337520.D
Acq: 4 Dec 2009 6:47 pm

Tgt Ion: 96 Resp: 26066

Ion	Ratio	Lower	Upper
96	100		
61	126.0	96.1	156.1
63	41.9	10.0	70.0

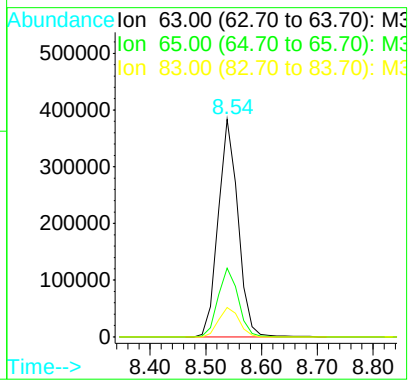


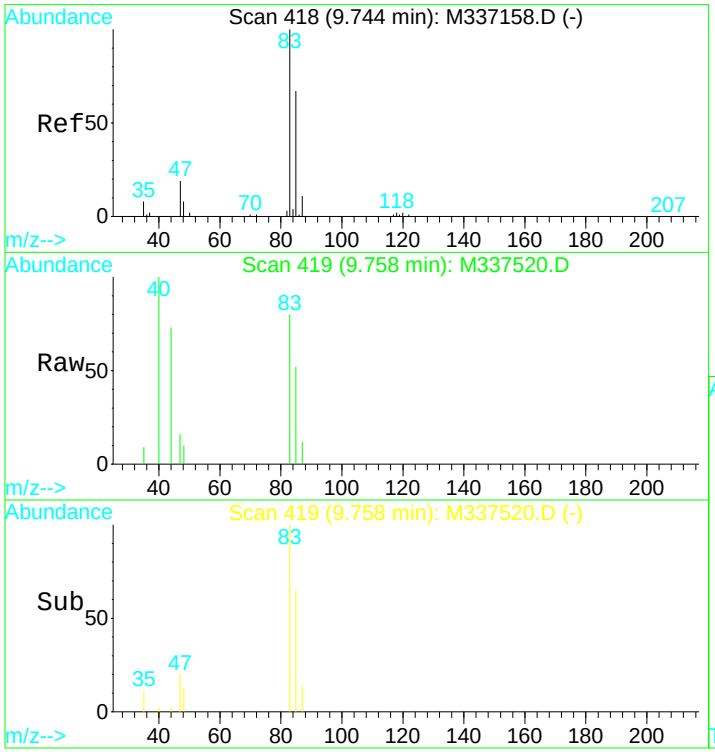


#21
1,1-Dichloroethane
Concen: 20.39 ug/l
RT: 8.54 min Scan# 337
Delta R.T. 0.00 min
Lab File: M337520.D
Acq: 4 Dec 2009 6:47 pm

Tgt Ion: 63 Resp: 944344

Ion	Ratio	Lower	Upper
63	100		
65	31.5	2.9	62.9
83	13.5	0.0	44.2

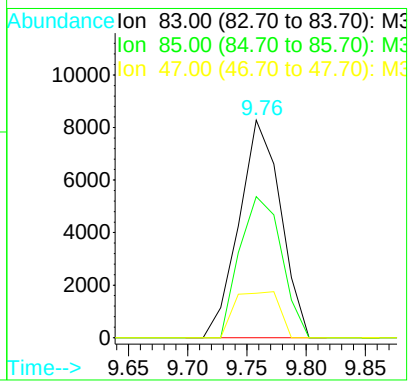


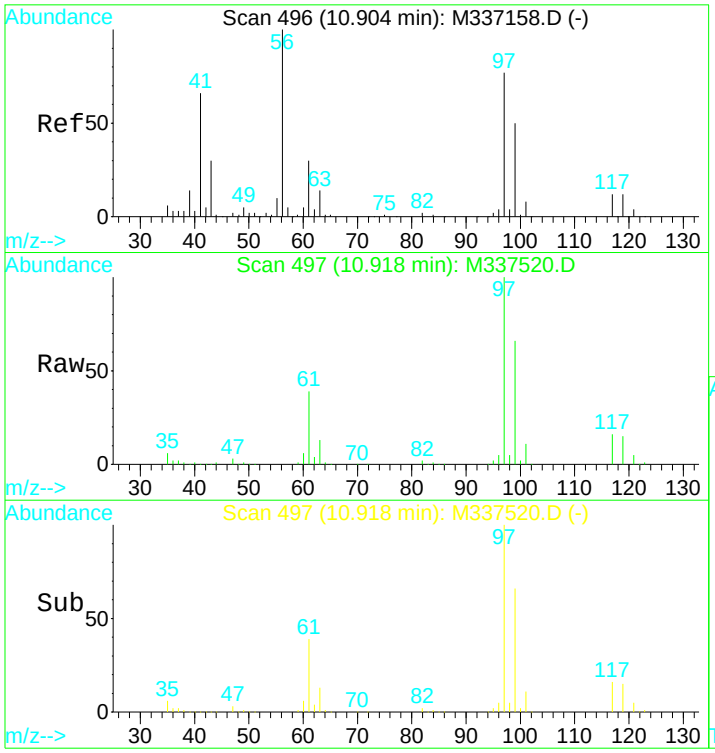


#33
Chloroform
Concen: 0.43 ug/l
RT: 9.76 min Scan# 419
Delta R.T. 0.00 min
Lab File: M337520.D
Acq: 4 Dec 2009 6:47 pm

Tgt Ion: 83 Resp: 20143

Ion	Ratio	Lower	Upper
83	100		
85	64.9	37.1	97.1
47	20.5	0.0	53.5

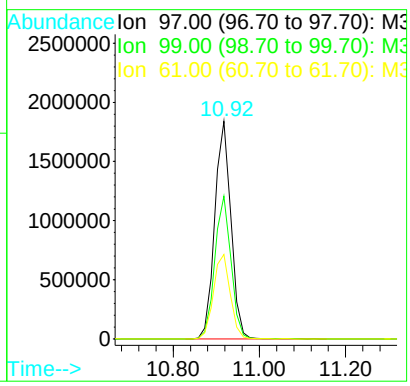




#36
1,1,1-Trichloroethane
Concen: 143.64 ug/l
RT: 10.92 min Scan# 497
Delta R.T. 0.00 min
Lab File: M337520.D
Acq: 4 Dec 2009 6:47 pm

Tgt Ion: 97 Resp: 4798590

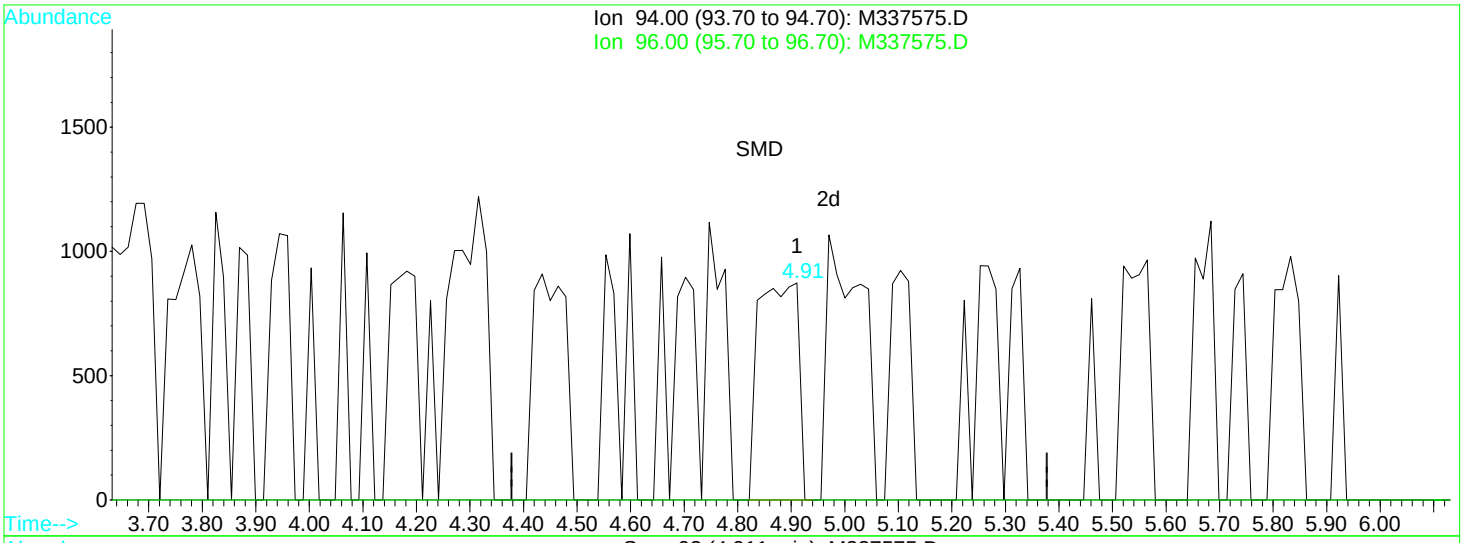
Ion	Ratio	Lower	Upper
97	100		
99	65.5	34.9	94.9
61	38.7	9.8	69.8

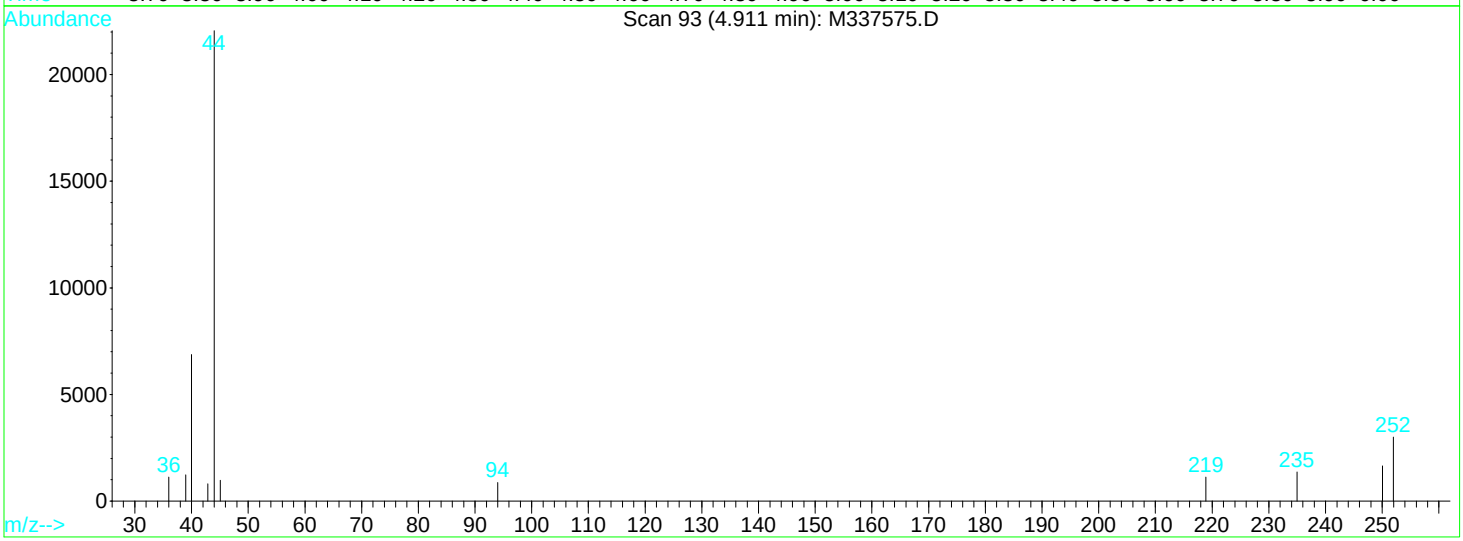


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337575.D Vial: 14
Acq On : 8 Dec 2009 3:10 pm Operator: MD
Sample : 0912038-14RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 15:40 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337575.D

(5) Bromomethane

4.91min 0.27ug/l

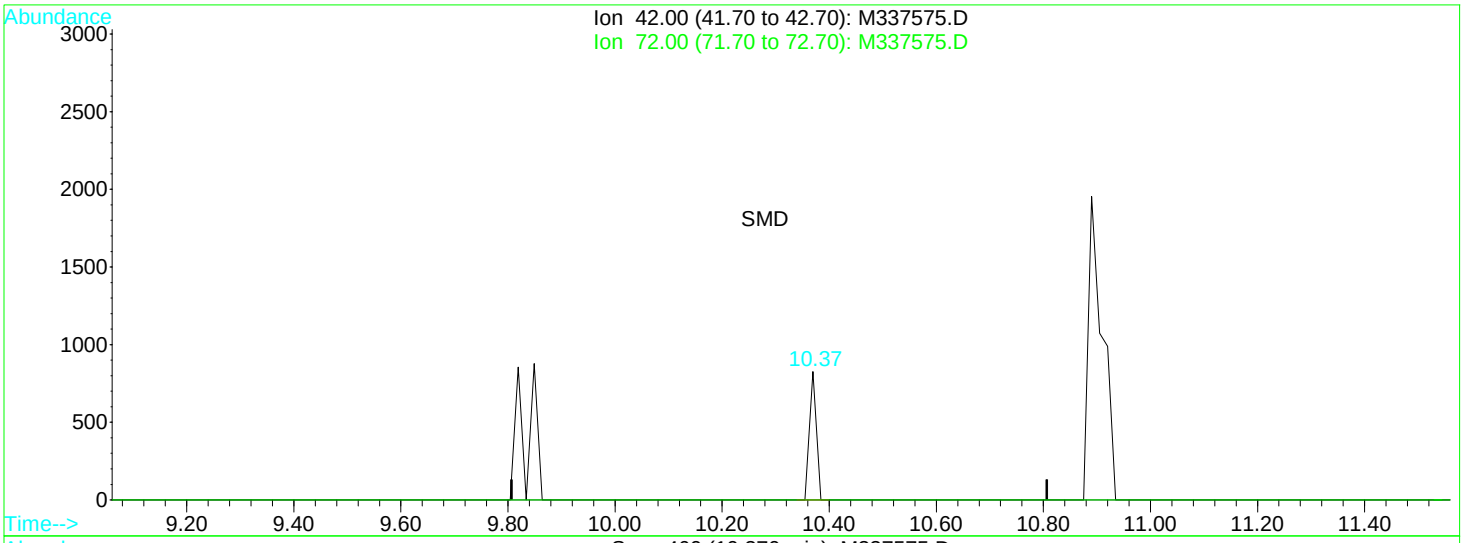
response 4490

Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337575.D Vial: 14
Acq On : 8 Dec 2009 3:10 pm Operator: MD
Sample : 0912038-14RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:20 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337575.D

(32) Tetrahydrofuran

10.37min 0.17ug/l

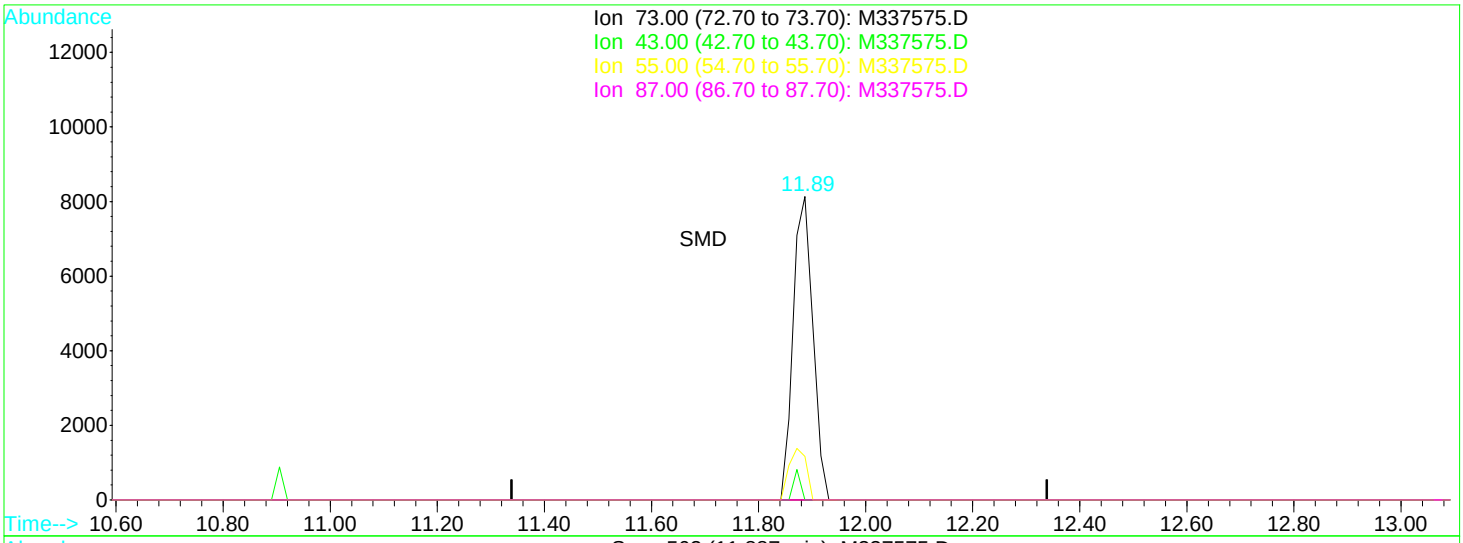
response 738

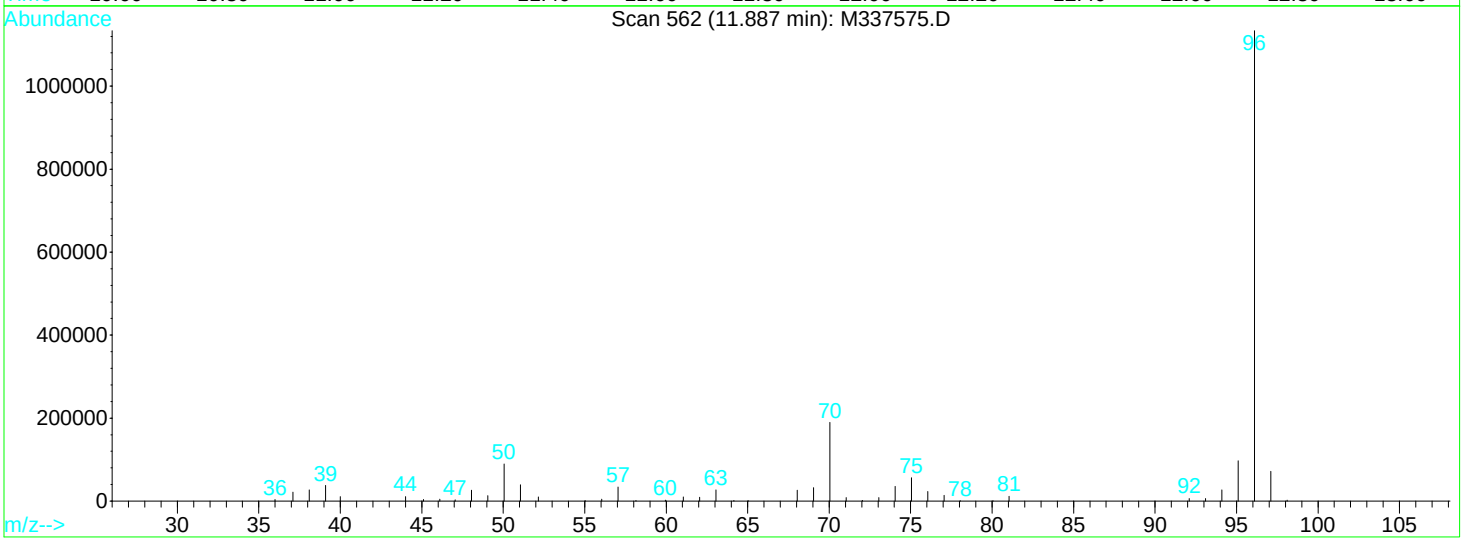
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337575.D Vial: 14
Acq On : 8 Dec 2009 3:10 pm Operator: MD
Sample : 0912038-14RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:21 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337575.D

(43) Tertiary-amyl methyl ether

11.89min 0.48ug/l

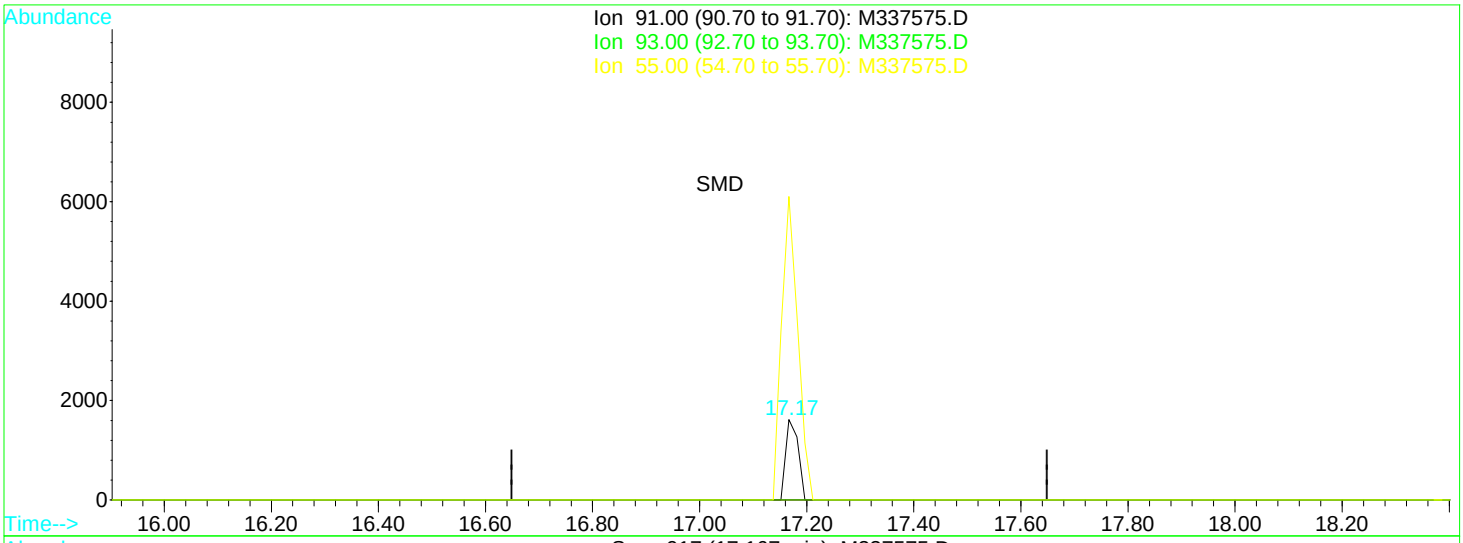
response 20730

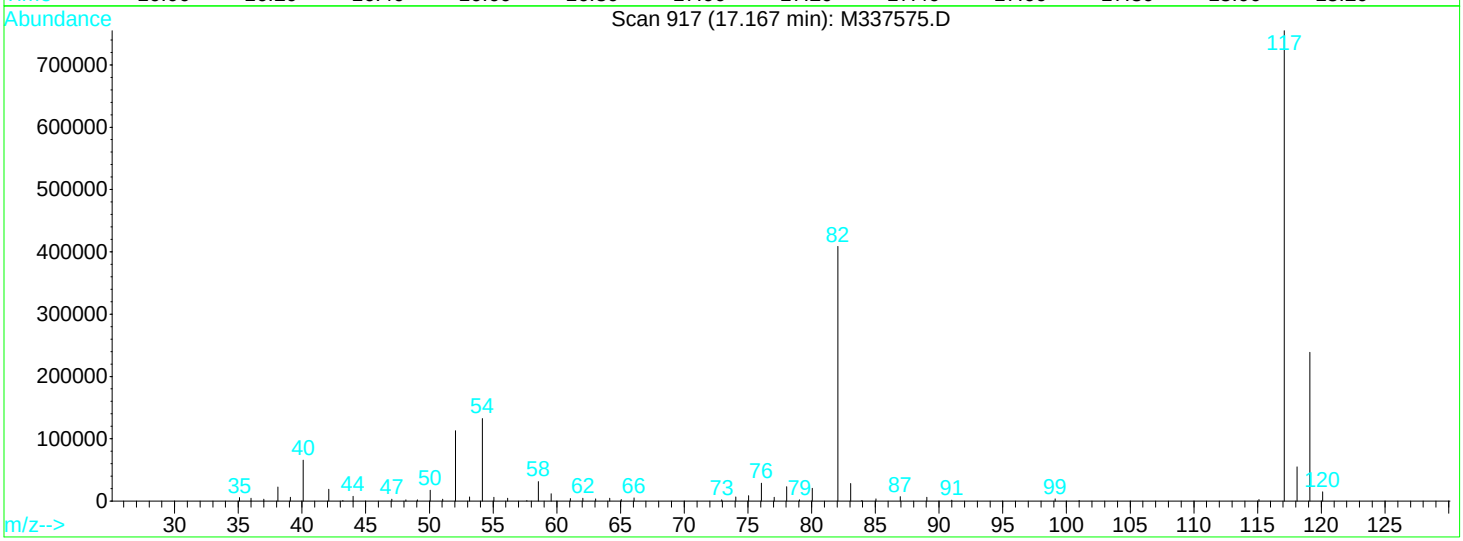
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	14.36
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337575.D Vial: 14
Acq On : 8 Dec 2009 3:10 pm Operator: MD
Sample : 0912038-14RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:21 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337575.D

(66) 1-Chlorohexane

17.17min 0.10ug/l

response 2574

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	378.55#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337575.D Vial: 14
Acq On : 8 Dec 2009 3:10 pm Operator: MD
Sample : 0912038-14RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:21 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

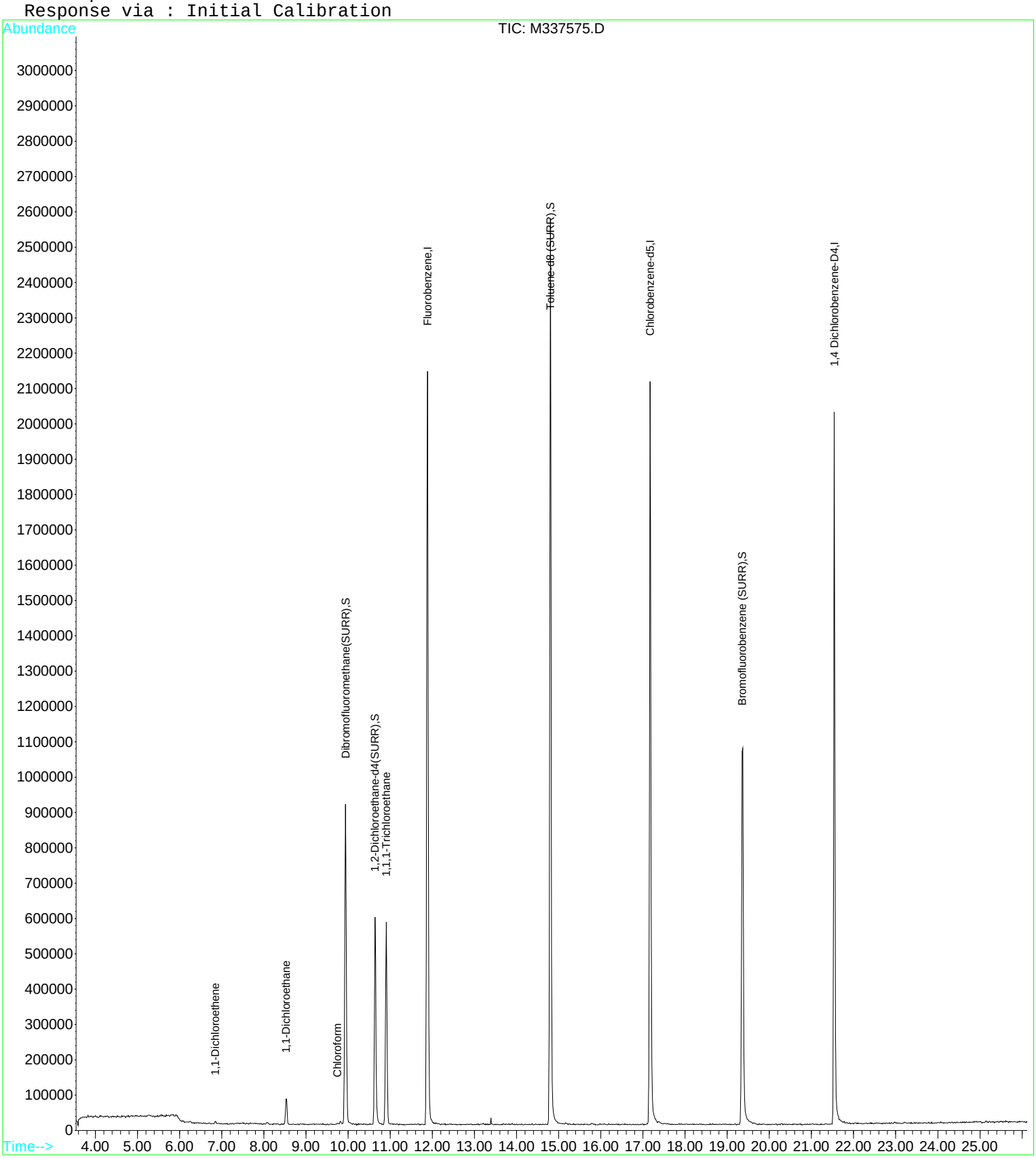
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2777640	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.17	117	1947891	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	705388	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	767607	22.37	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.48%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	442006	23.50	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.00%			
59) Toluene-d8 (SURR)	14.80	98	2360266	23.50	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.00%			
75) Bromofluorobenzene (SURR)	19.35	95	805237	23.36	ug/l	-0.03
Spiked Amount 25.000			Recovery = 93.44%			
Target Compounds						Qvalue
16) 1,1-Dichloroethene	6.84	96	3514	0.14	ug/l	95
21) 1,1-Dichloroethane	8.53	63	99121	2.26	ug/l	98
33) Chloroform	9.74	83	4835	0.11	ug/l	74
36) 1,1,1-Trichloroethane	10.90	97	469986	14.87	ug/l	98

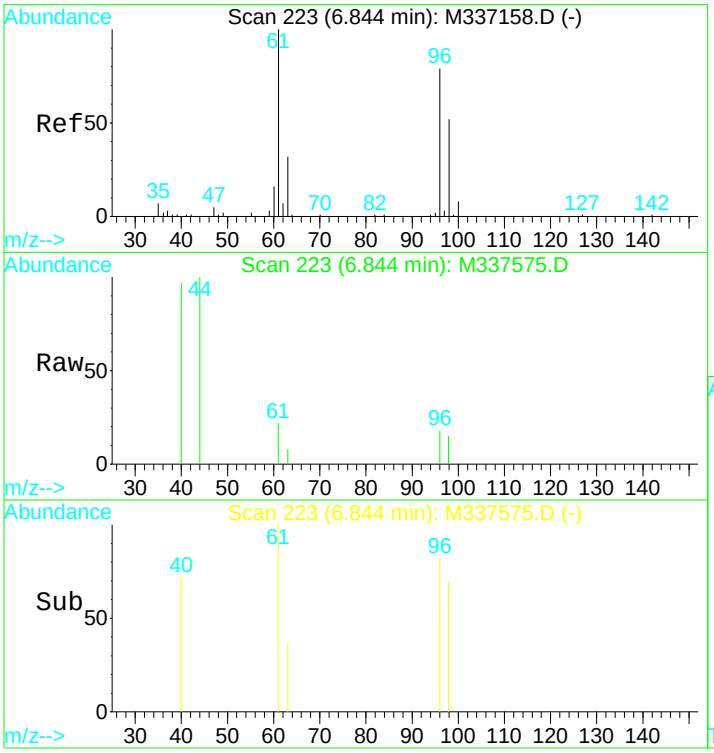
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337575.D Vial: 14
Acq On : 8 Dec 2009 3:10 pm Operator: MD
Sample : 0912038-14RE1 Inst : VOA MS3
Misc : 10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 9 10:21 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

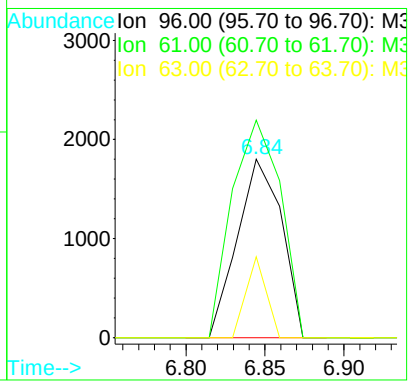


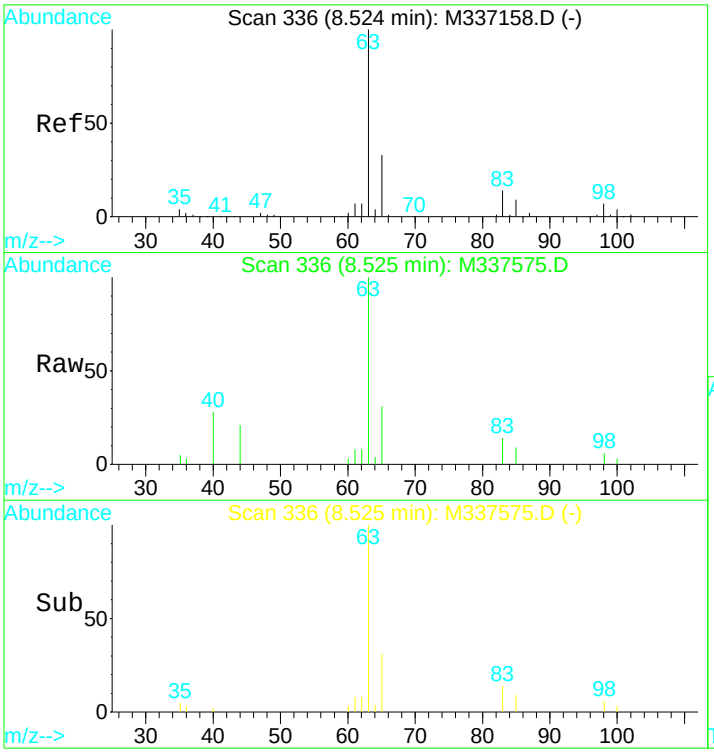


#16
1,1-Dichloroethene
Concen: 0.14 ug/l
RT: 6.84 min Scan# 223
Delta R.T. -0.01 min
Lab File: M337575.D
Acq: 8 Dec 2009 3:10 pm

Tgt Ion: 96 Resp: 3514

Ion	Ratio	Lower	Upper
96	100		
61	121.9	96.1	156.1
63	45.3	10.0	70.0

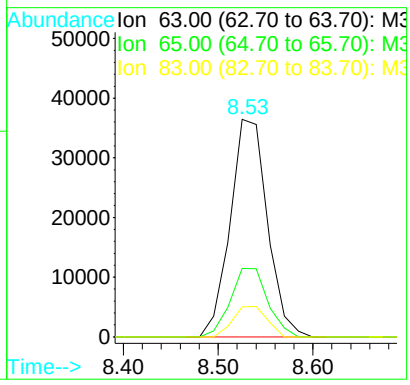


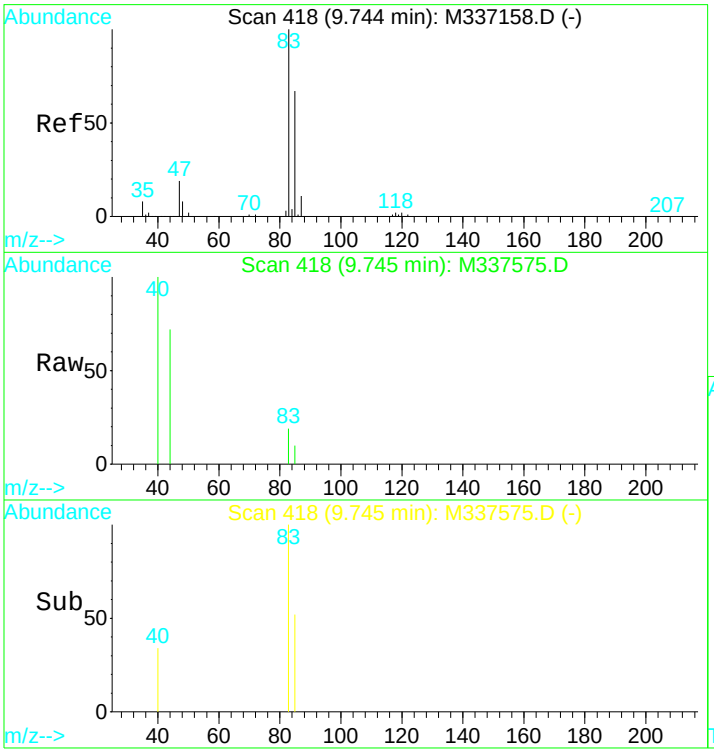


#21
1,1-Dichloroethane
Concen: 2.26 ug/l
RT: 8.53 min Scan# 336
Delta R.T. -0.01 min
Lab File: M337575.D
Acq: 8 Dec 2009 3:10 pm

Tgt Ion: 63 Resp: 99121

Ion	Ratio	Lower	Upper
63	100		
65	31.4	2.9	62.9
83	13.8	0.0	44.2

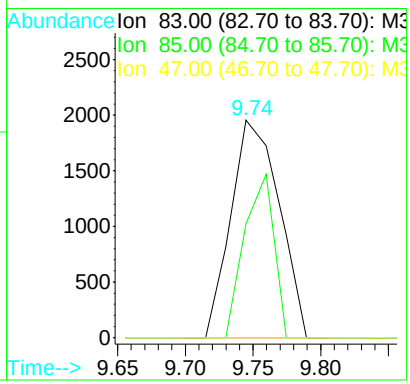


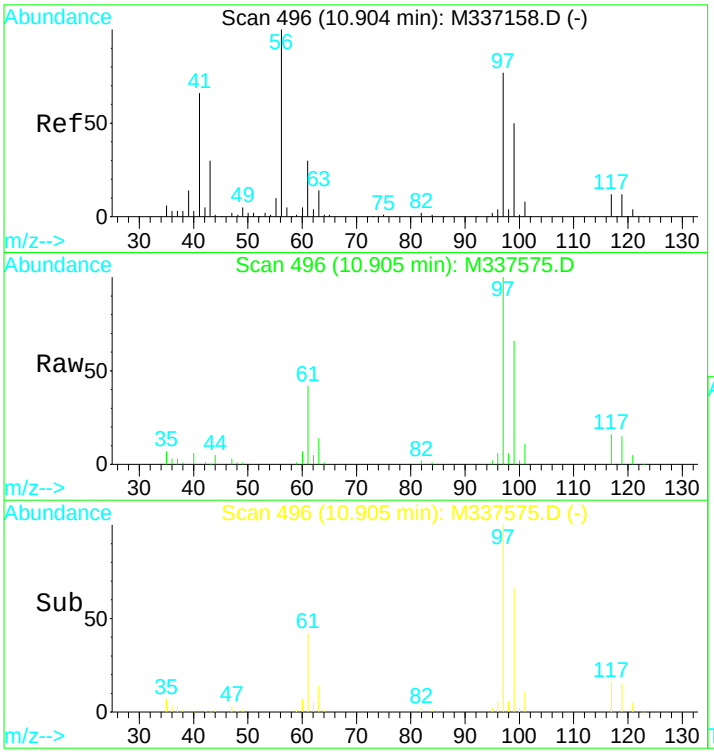


#33
Chloroform
Concen: 0.11 ug/l
RT: 9.74 min Scan# 418
Delta R.T. -0.01 min
Lab File: M337575.D
Acq: 8 Dec 2009 3:10 pm

Tgt Ion: 83 Resp: 4835

Ion	Ratio	Lower	Upper
83	100		
85	52.2	37.1	97.1
47	0.0	0.0	53.5

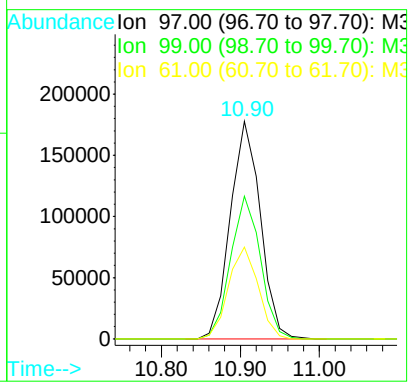




#36
1,1,1-Trichloroethane
Concen: 14.87 ug/l
RT: 10.90 min Scan# 496
Delta R.T. -0.01 min
Lab File: M337575.D
Acq: 8 Dec 2009 3:10 pm

Tgt Ion: 97 Resp: 469986

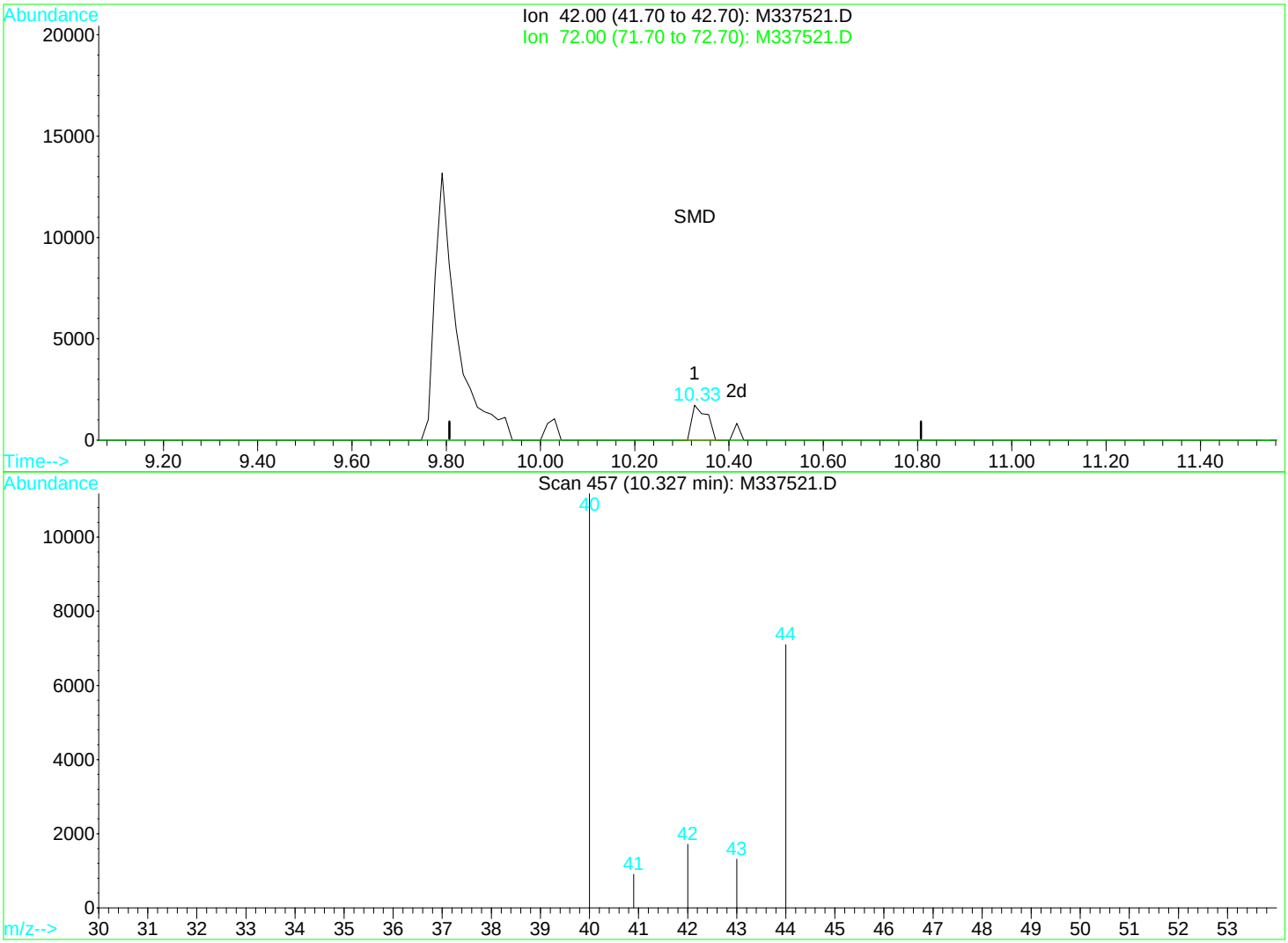
Ion	Ratio	Lower	Upper
97	100		
99	65.6	34.9	94.9
61	42.2	9.8	69.8



Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337521.D Vial: 22
Acq On : 4 Dec 2009 7:18 pm Operator: MD
Sample : 0912038-15 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337521.D

(32) Tetrahydrofuran

10.33min 0.88ug/l

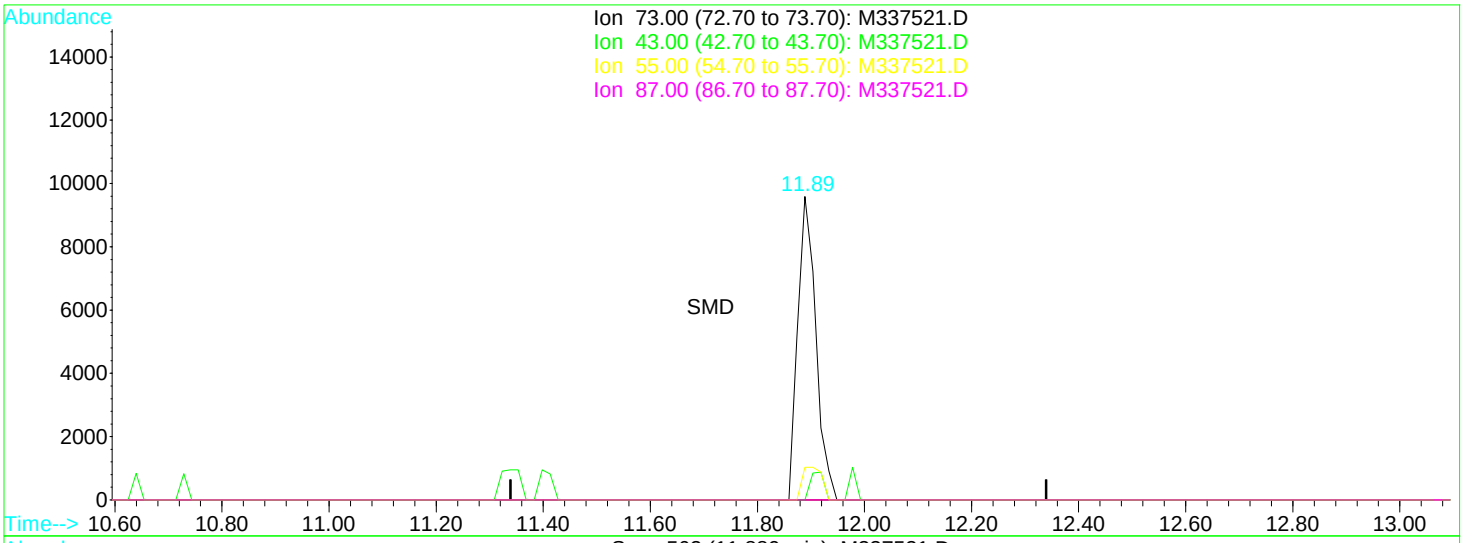
response 3835

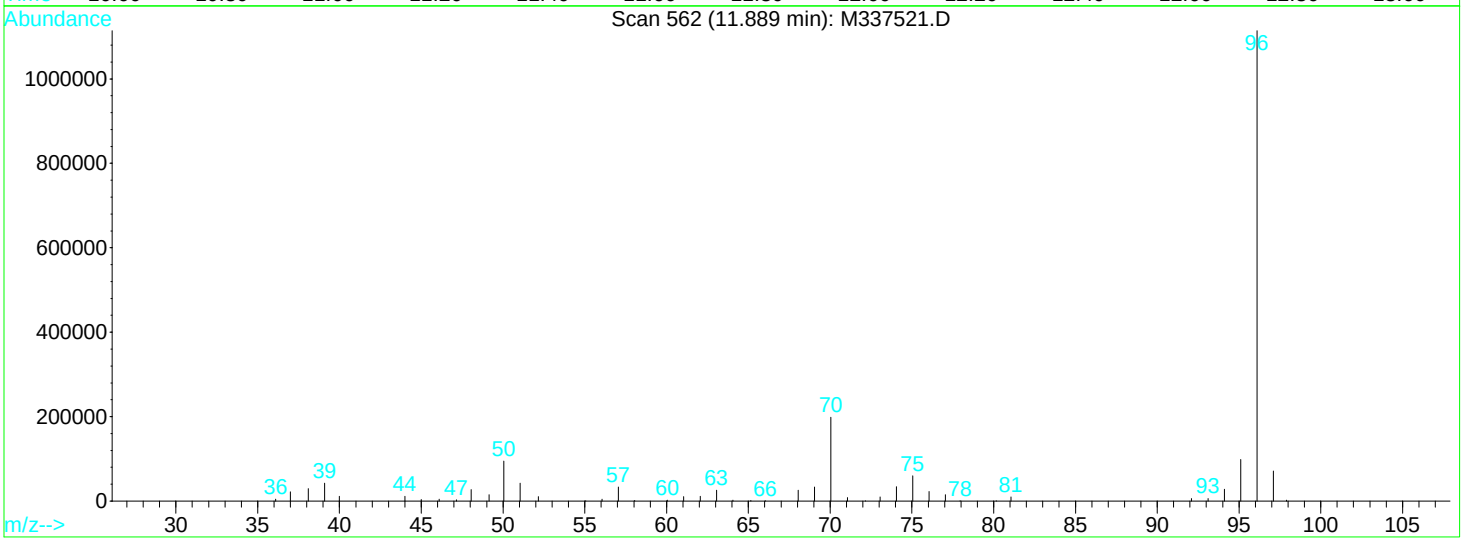
Ion	Exp%	Act%
42.00	100	100
72.00	39.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337521.D Vial: 22
Acq On : 4 Dec 2009 7:18 pm Operator: MD
Sample : 0912038-15 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337521.D

(43) Tertiary-amyl methyl ether

11.89min 0.52ug/l

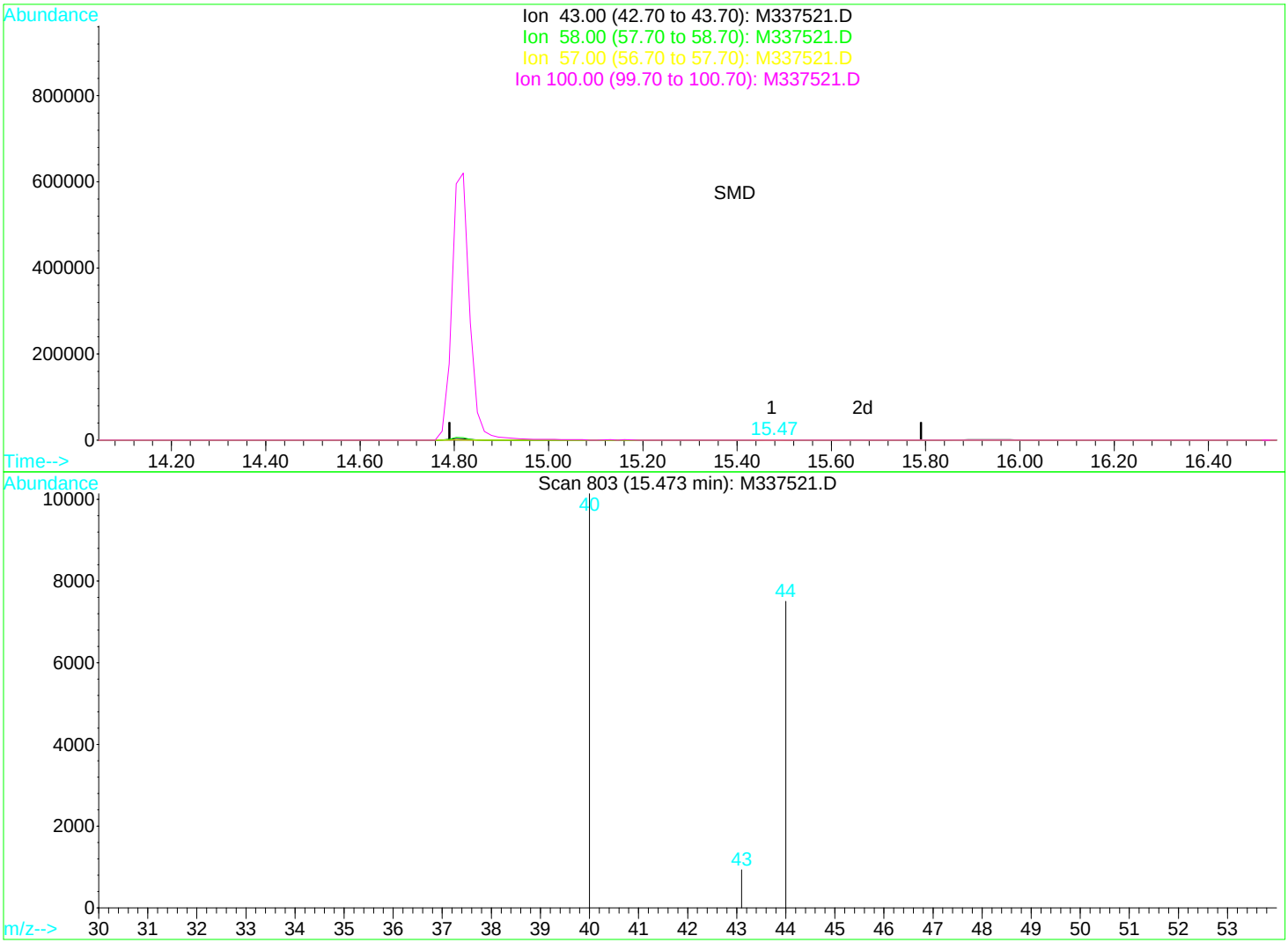
response 22444

Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	10.79
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337521.D Vial: 22
Acq On : 4 Dec 2009 7:18 pm Operator: MD
Sample : 0912038-15 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337521.D

(61) 2-Hexanone

15.47min 7.90ug/l

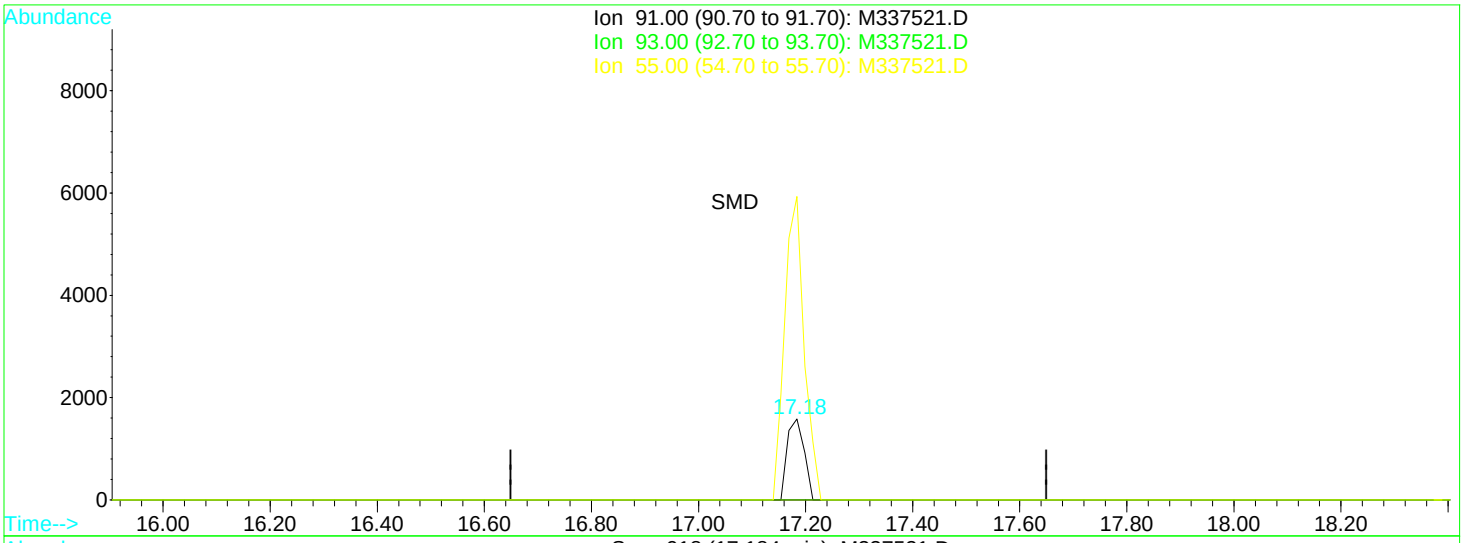
response 2390

Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	0.00
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337521.D Vial: 22
Acq On : 4 Dec 2009 7:18 pm Operator: MD
Sample : 0912038-15 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:14 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration



TIC: M337521.D

(66) 1-Chlorohexane

17.18min 0.14ug/l

response 3445

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	374.26#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337521.D Vial: 22
Acq On : 4 Dec 2009 7:18 pm Operator: MD
Sample : 0912038-15 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:14 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

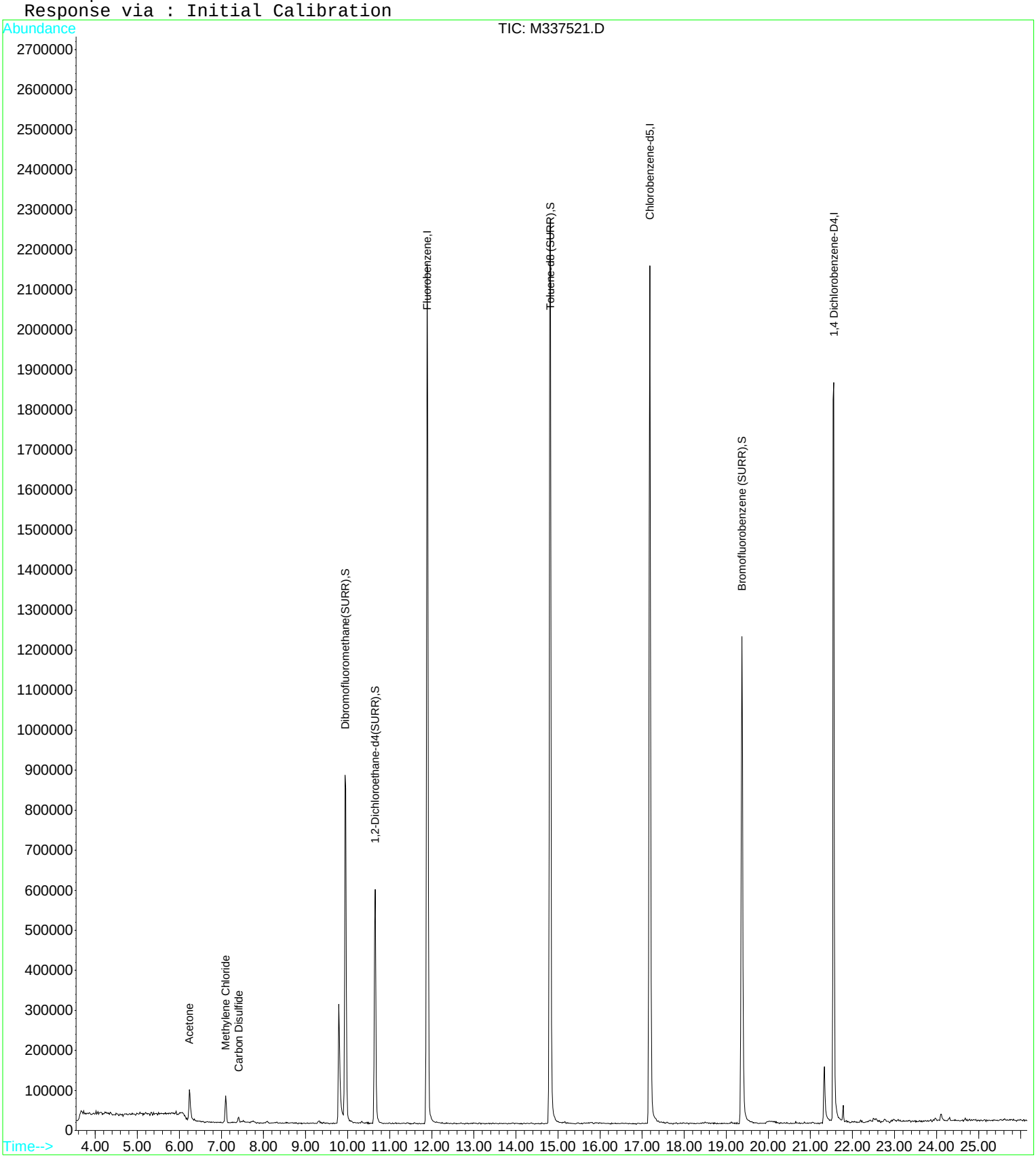
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2792424	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.18	117	1948255	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.56	152	747526	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	785132	22.76	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.04%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	458216	24.23	ug/l	0.00
Spiked Amount 25.000			Recovery = 96.92%			
59) Toluene-d8 (SURR)	14.82	98	2394599	23.84	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.36%			
75) Bromofluorobenzene (SURR)	19.37	95	824503	23.92	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.68%			
Target Compounds						Qvalue
10) Acetone	6.24	58	44062	38.33	ug/l	99
15) Carbon Disulfide	7.41	76	24640	0.27	ug/l	91
17) Methylene Chloride	7.10	84	37588	1.15	ug/l	98

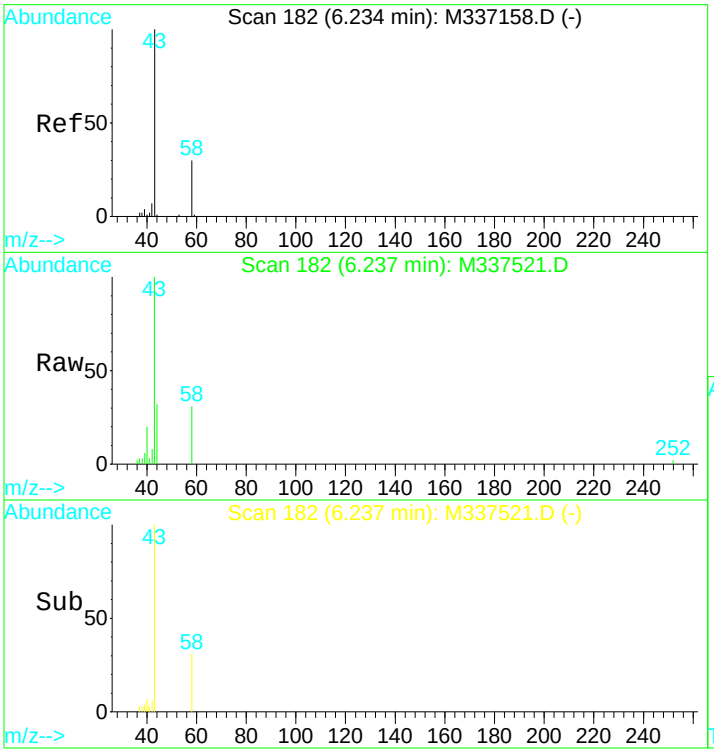
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337521.D Vial: 22
Acq On : 4 Dec 2009 7:18 pm Operator: MD
Sample : 0912038-15 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:14 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

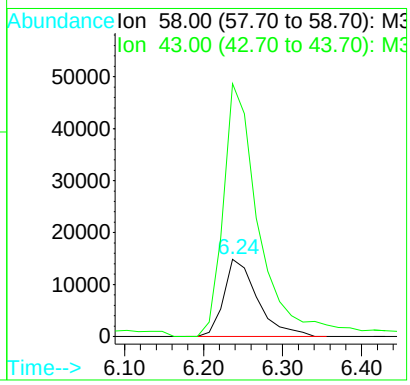


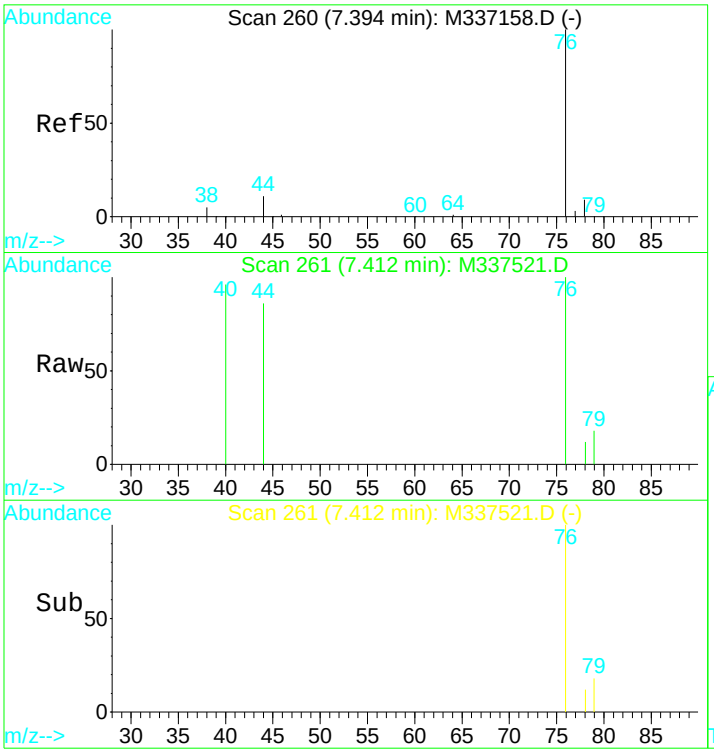


#10
Acetone
Concen: 38.33 ug/l
RT: 6.24 min Scan# 182
Delta R.T. -0.01 min
Lab File: M337521.D
Acq: 4 Dec 2009 7:18 pm

Tgt Ion: 58 Resp: 44062

Ion	Ratio	Lower	Upper
58	100		
43	326.9	298.2	358.2

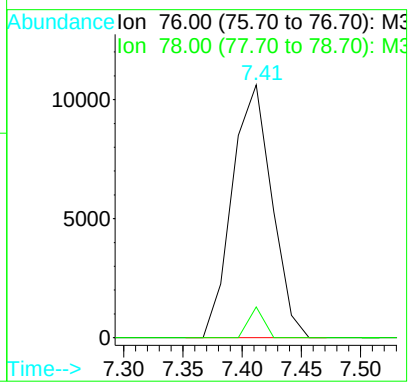


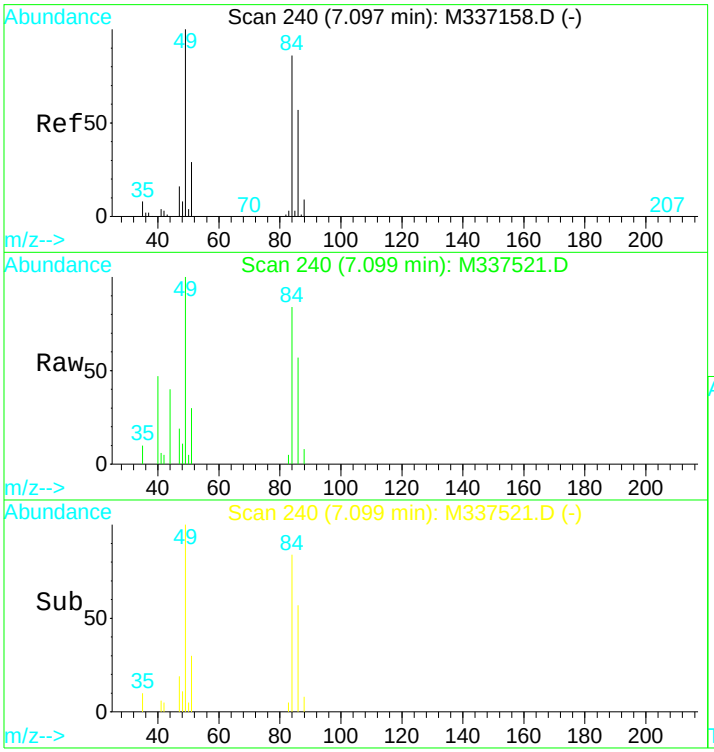


#15
Carbon Disulfide
Concen: 0.27 ug/l
RT: 7.41 min Scan# 261
Delta R.T. 0.00 min
Lab File: M337521.D
Acq: 4 Dec 2009 7:18 pm

Tgt Ion: 76 Resp: 24640

Ion	Ratio	Lower	Upper
76	100		
78	12.2	0.0	39.1

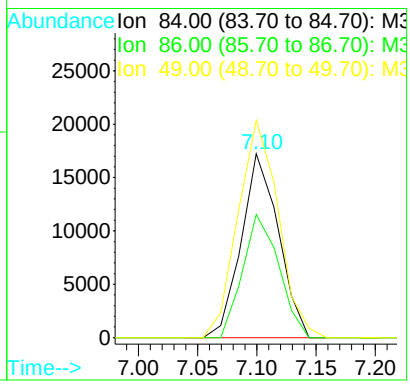




#17
Methylene Chloride
Concen: 1.15 ug/l
RT: 7.10 min Scan# 240
Delta R.T. -0.01 min
Lab File: M337521.D
Acq: 4 Dec 2009 7:18 pm

Tgt Ion: 84 Resp: 37588

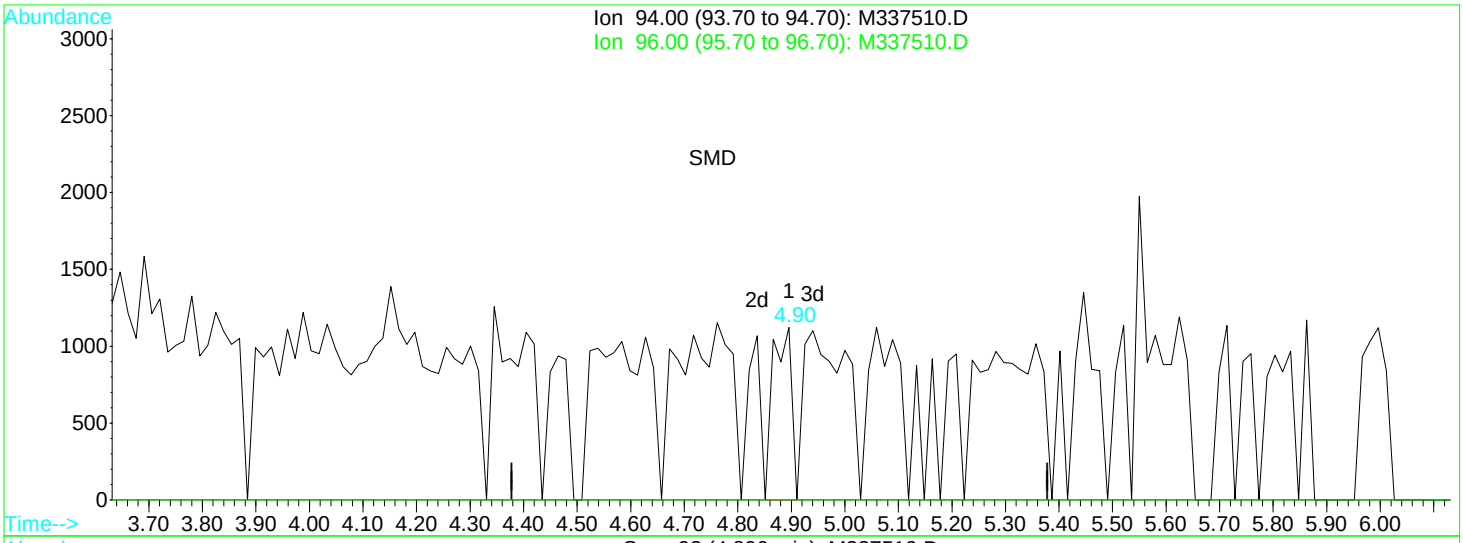
Ion	Ratio	Lower	Upper
84	100		
86	66.9	35.7	95.7
49	118.3	85.9	145.9

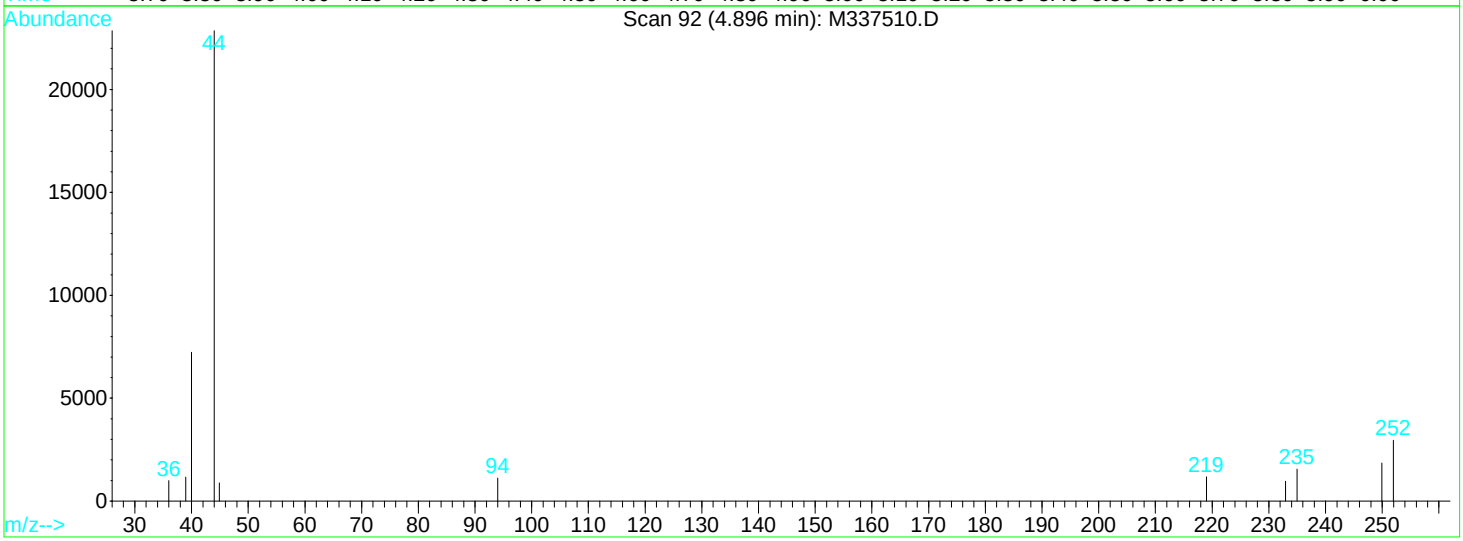


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337510.D Vial: 11
Acq On : 4 Dec 2009 1:30 pm Operator: MD
Sample : 0912038-16 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:00 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337510.D

(5) Bromomethane

4.90min 0.15ug/l

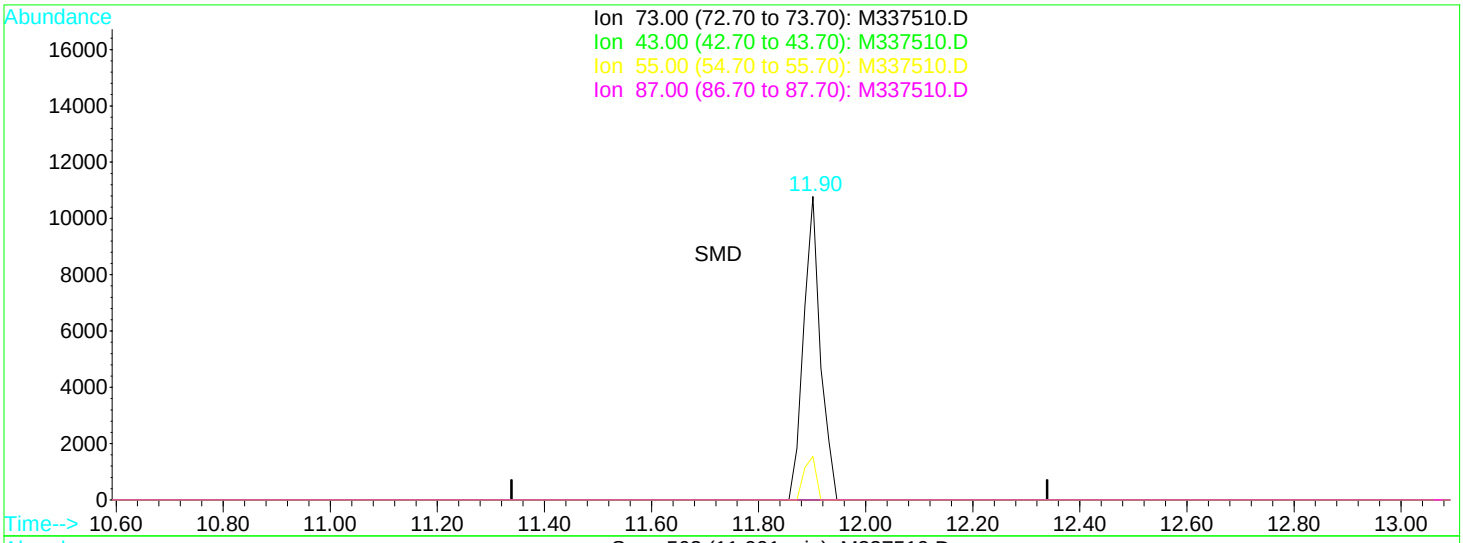
response 2737

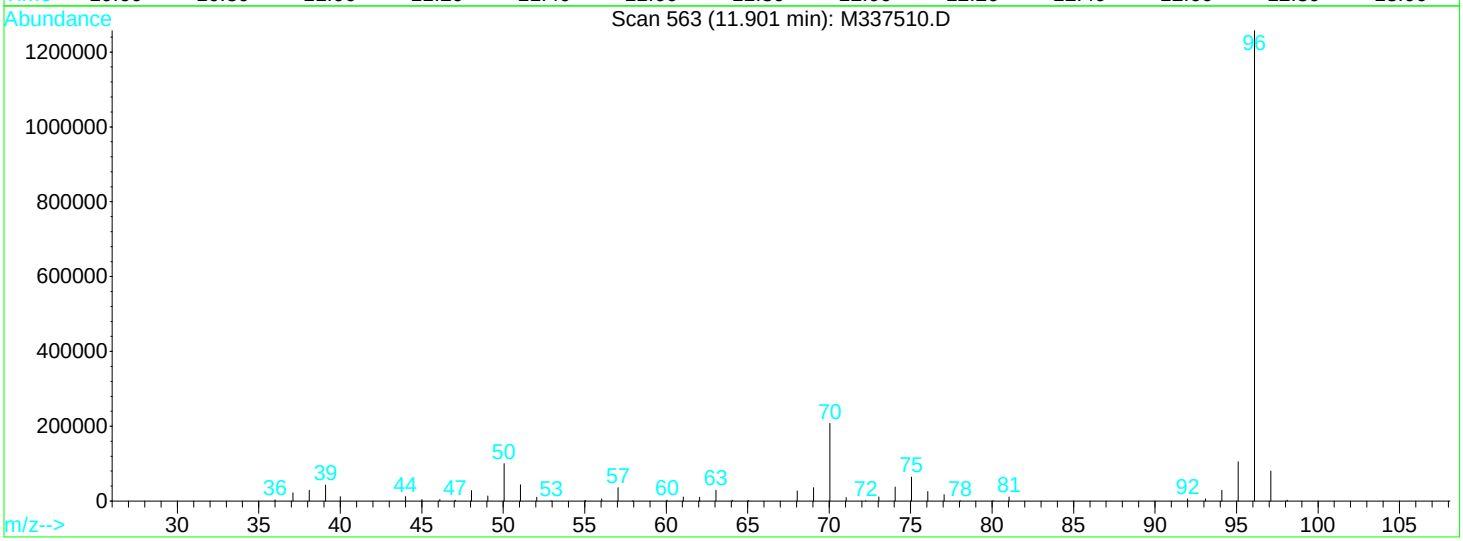
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337510.D Vial: 11
Acq On : 4 Dec 2009 1:30 pm Operator: MD
Sample : 0912038-16 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:59 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337510.D

(43) Tertiary-amyl methyl ether

11.90min 0.50ug/l

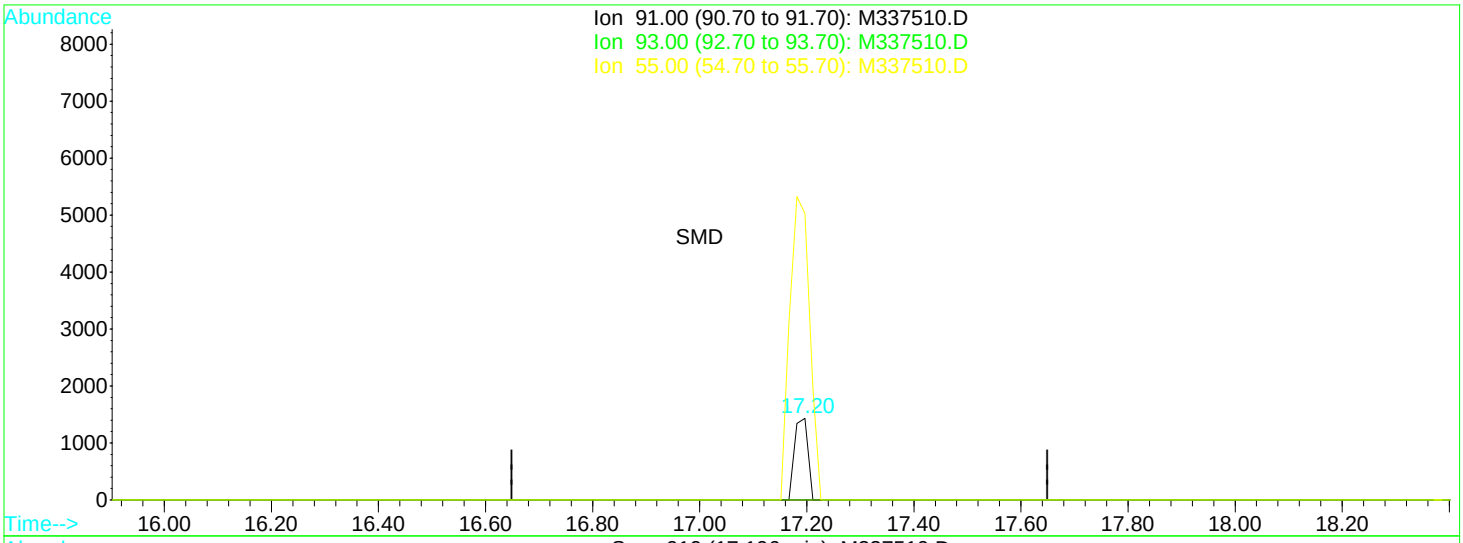
response 23447

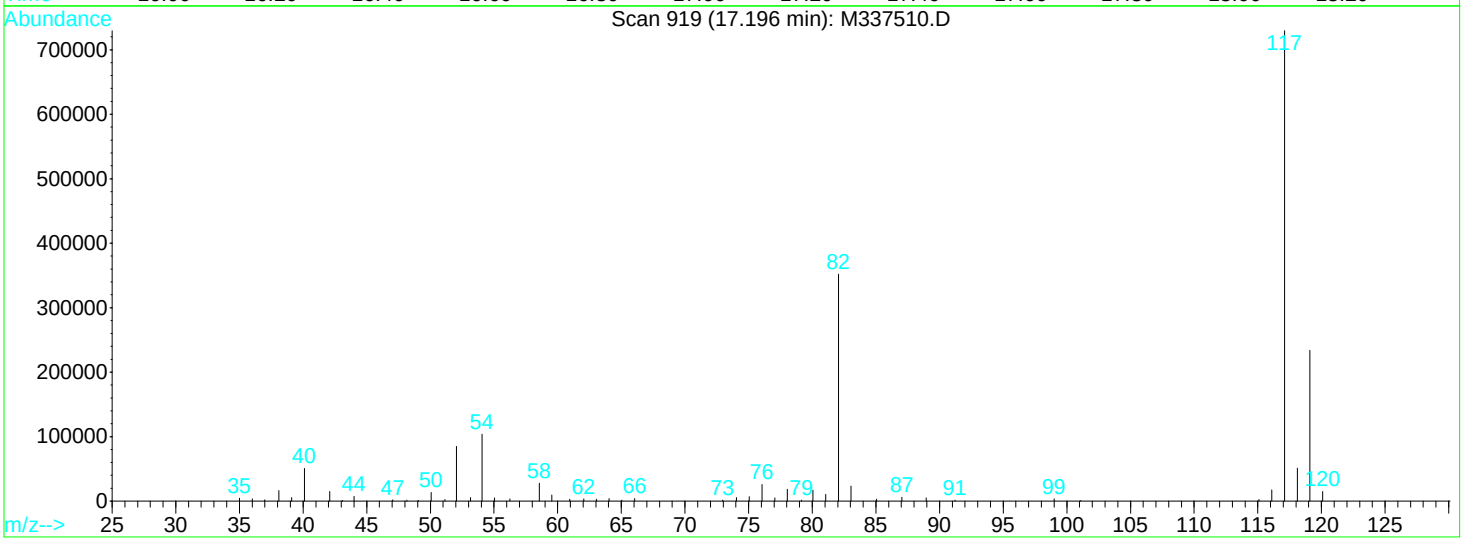
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	14.29
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337510.D Vial: 11
Acq On : 4 Dec 2009 1:30 pm Operator: MD
Sample : 0912038-16 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:59 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337510.D

(66) 1-Chlorohexane

17.20min 0.10ug/l

response 2476

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	350.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337510.D Vial: 11
Acq On : 4 Dec 2009 1:30 pm Operator: MD
Sample : 0912038-16 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:59 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2998847	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	2018441	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	725047	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	826325	22.31	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.24%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	482745	23.77	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.08%			
59) Toluene-d8 (SURR)	14.82	98	2498046	24.01	ug/l	0.00
Spiked Amount 25.000			Recovery = 96.04%			
75) Bromofluorobenzene (SURR)	19.38	95	822410	23.03	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.12%			

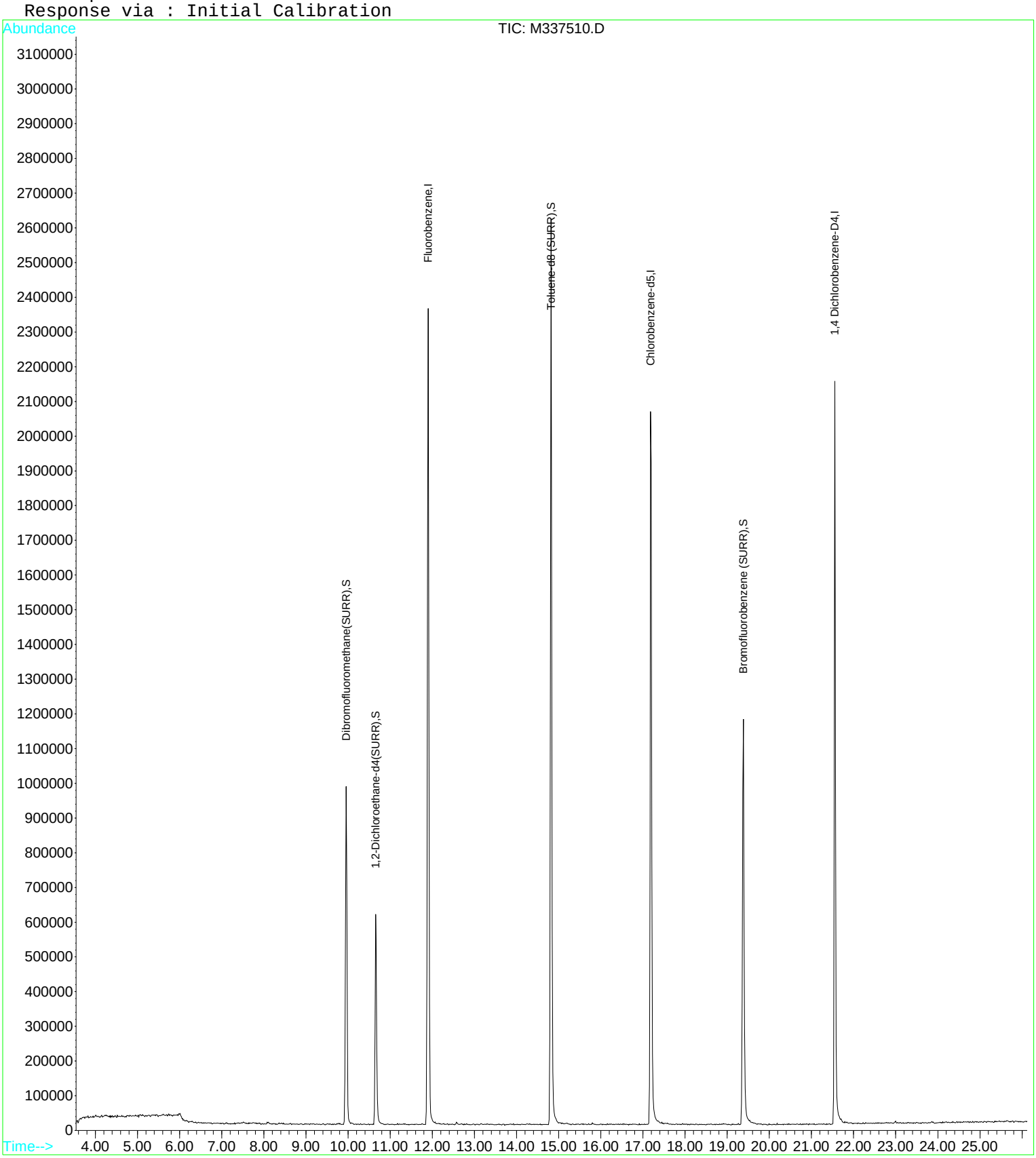
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337510.D Vial: 11
Acq On : 4 Dec 2009 1:30 pm Operator: MD
Sample : 0912038-16 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:59 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration



VOA
Quality Control Data

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: BL90309 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW231S	0912038-01	M337496.D	12/03/09 08:00	Data Package
~~GWMW231D~~	~~0912038-02~~	~~M337572.D~~	~~12/03/09 08:00~~	~~Data Package~~
GWMW231D	0912038-02	M337497.D	12/03/09 08:00	Data Package
~~GWMW232S~~	~~0912038-03~~	~~M337576.D~~	~~12/03/09 08:00~~	~~Data Package~~
GWMW232S	0912038-03	M337494.D	12/03/09 08:00	Data Package
~~GWMW232D~~	~~0912038-04~~	~~M337574.D~~	~~12/03/09 08:00~~	~~Data Package~~
GWMW232D	0912038-04	M337495.D	12/03/09 08:00	Data Package
Blank	BL90309-BLK1	M337483.D	12/03/09 08:00	
LCS	BL90309-BS1	M337479.D	12/03/09 08:00	
LCS Dup	BL90309-BSD1	M337480.D	12/03/09 08:00	

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: BL90410 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW233	0912038-05	M337511.D	12/04/09 08:00	Data Package
GWMW230D	0912038-06	M337512.D	12/04/09 08:00	Data Package
GWMW234D	0912038-07	M337513.D	12/04/09 08:00	Data Package
~~GWMW230S~~	~~0912038-08~~	~~M337577.D~~	~~12/04/09 08:00~~	~~Data Package~~
GWMW230S	0912038-08	M337514.D	12/04/09 08:00	Data Package
PWPDB01	0912038-10	M337516.D	12/04/09 08:00	Data Package
PWPDB02	0912038-11	M337517.D	12/04/09 08:00	Data Package
PWPDB03	0912038-12	M337518.D	12/04/09 08:00	Data Package
PWPDB04	0912038-13	M337519.D	12/04/09 08:00	Data Package
~~PWPDB06~~	~~0912038-14~~	~~M337575.D~~	~~12/04/09 08:00~~	~~Data Package~~
PWPDB06	0912038-14	M337520.D	12/04/09 08:00	Data Package
PWPDBTRIP	0912038-15	M337521.D	12/04/09 08:00	Data Package
TRIP	0912038-16	M337510.D	12/04/09 08:00	Data Package
Blank	BL90410-BLK1	M337506.D	12/04/09 08:00	
LCS	BL90410-BS1	M337502.D	12/04/09 08:00	
LCS Dup	BL90410-BSD1	M337503.D	12/04/09 08:00	

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: BL90815 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
GWMW231D	0912038-02RE1	M337572.D	12/08/09 08:00	Data Package
GWMW232S	0912038-03RE1	M337576.D	12/08/09 08:00	Data Package
GWMW232D	0912038-04RE1	M337574.D	12/08/09 08:00	Data Package
GWMW230S	0912038-08RE1	M337577.D	12/08/09 08:00	Data Package
PWPDB0S	0912038-09	M337578.D	12/08/09 08:00	Data Package
~~PWPDB0S~~	~~0912038-09~~	~~M337573.D~~	~~12/08/09 08:00~~	~~Data Package~~
PWPDB0S	0912038-09RE1	M337573.D	12/08/09 08:00	Data Package
PWPDB06	0912038-14RE1	M337575.D	12/08/09 08:00	Data Package
Blank	BL90815-BLK1	M337568.D	12/08/09 08:00	
LCS	BL90815-BS1	M337564.D	12/08/09 08:00	
LCS Dup	BL90815-BSD1	M337565.D	12/08/09 08:00	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90309-BLK1	File ID:	M337483.D
Prepared:	12/03/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/03/09 11:34	Instrument:	VOA MS3		
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90309-BLK1	File ID:	M337483.D
Prepared:	12/03/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/03/09 11:34	Instrument:	VOA MS3		
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90309-BLK1	File ID:	M337483.D
Prepared:	12/03/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/03/09 11:34	Instrument:	VOA MS3		
Batch:	BL90309	Sequence:	BSL0027	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0236	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0235	94	70 - 130	
Dibromofluoromethane	0.02500	0.0227	91	70 - 130	
Toluene-d8	0.02500	0.0238	95	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2893084	11.95	2976106	11.95	
Chlorobenzene-d5	2022777	17.25	2056242	17.24	
1,4-Dichlorobenzene-D4	757072	21.59	744664	21.59	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90410-BLK1	File ID:	M337506.D
Prepared:	12/04/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/04/09 11:23	Instrument:	VOA MS3		
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90410-BLK1	File ID:	M337506.D
Prepared:	12/04/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/04/09 11:23	Instrument:	VOA MS3		
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90410-BLK1	File ID:	M337506.D
Prepared:	12/04/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/04/09 11:23	Instrument:	VOA MS3		
Batch:	BL90410	Sequence:	BSL0039	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0238	95	70 - 130	
4-Bromofluorobenzene	0.02500	0.0232	93	70 - 130	
Dibromofluoromethane	0.02500	0.0224	90	70 - 130	
Toluene-d8	0.02500	0.0235	94	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2855453	11.9	3078478	11.9	
Chlorobenzene-d5	1992750	17.19	2003916	17.18	
1,4-Dichlorobenzene-D4	718771	21.55	733564	21.55	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90815-BLK1	File ID:	M337568.D
Prepared:	12/08/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/08/09 11:28	Instrument:	VOA MS3		
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90815-BLK1	File ID:	M337568.D
Prepared:	12/08/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/08/09 11:28	Instrument:	VOA MS3		
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	BL90815-BLK1	File ID:	M337568.D
Prepared:	12/08/09 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	12/08/09 11:28	Instrument:	VOA MS3		
Batch:	BL90815	Sequence:	BSL0054	Calibration:	0911010

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0241	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0233	93	70 - 130	
Dibromofluoromethane	0.02500	0.0222	89	70 - 130	
Toluene-d8	0.02500	0.0235	94	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	2718511	11.88	2896493	11.89	
Chlorobenzene-d5	1943742	17.18	1941357	17.17	
1,4-Dichlorobenzene-D4	712044	21.54	704355	21.54	

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.68	97	70 - 130
1,1,1-Trichloroethane	10.00	9.49	95	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.54	95	70 - 130
1,1,2-Trichloroethane	10.00	9.67	97	70 - 130
1,1-Dichloroethane	10.00	10.1	101	70 - 130
1,1-Dichloroethene	10.00	9.80	98	70 - 130
1,1-Dichloropropene	10.00	9.48	95	70 - 130
1,2,3-Trichlorobenzene	10.00	12.0	120	70 - 130
1,2,3-Trichloropropane	10.00	9.56	96	70 - 130
1,2,4-Trichlorobenzene	10.00	10.9	109	70 - 130
1,2,4-Trimethylbenzene	10.00	9.72	97	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	10.1	101	70 - 130
1,2-Dibromoethane	10.00	9.67	97	70 - 130
1,2-Dichlorobenzene	10.00	9.87	99	70 - 130
1,2-Dichloroethane	10.00	9.69	97	70 - 130
1,2-Dichloropropane	10.00	10.0	100	70 - 130
1,3,5-Trimethylbenzene	10.00	9.74	97	70 - 130
1,3-Dichlorobenzene	10.00	9.65	96	70 - 130
1,3-Dichloropropane	10.00	9.87	99	70 - 130
1,4-Dichlorobenzene	10.00	9.78	98	70 - 130
1,4-Dioxane - Screen	200.0	336	168	0 - 332
1-Chlorohexane	10.00	9.13	91	70 - 130
2,2-Dichloropropane	10.00	9.37	94	70 - 130
2-Butanone	50.00	58.9	118	70 - 130
2-Chlorotoluene	10.00	9.72	97	70 - 130
2-Hexanone	50.00	54.1	108	70 - 130
4-Chlorotoluene	10.00	9.85	98	70 - 130
4-Isopropyltoluene	10.00	9.68	97	70 - 130
4-Methyl-2-Pentanone	50.00	47.8	96	70 - 130
Acetone	50.00	67.2	134 *	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.85	98	70 - 130
Bromobenzene	10.00	10.0	100	70 - 130
Bromochloromethane	10.00	9.73	97	70 - 130
Bromodichloromethane	10.00	9.88	99	70 - 130
Bromoform	10.00	9.26	93	70 - 130
Bromomethane	10.00	9.51	95	70 - 130
Carbon Disulfide	10.00	10.7	107	70 - 130
Carbon Tetrachloride	10.00	9.55	96	70 - 130
Chlorobenzene	10.00	9.90	99	70 - 130
Chloroethane	10.00	10.8	108	70 - 130
Chloroform	10.00	9.83	98	70 - 130
Chloromethane	10.00	10.3	103	70 - 130
cis-1,2-Dichloroethene	10.00	9.74	97	70 - 130
cis-1,3-Dichloropropene	10.00	9.76	98	70 - 130
Dibromochloromethane	10.00	9.47	95	70 - 130
Dibromomethane	10.00	9.20	92	70 - 130
Dichlorodifluoromethane	10.00	9.49	95	70 - 130
Diethyl Ether	10.00	10.2	102	70 - 130
Di-isopropyl ether	10.00	9.91	99	70 - 130
Ethyl tertiary-butyl ether	10.00	9.29	93	70 - 130
Ethylbenzene	10.00	9.76	98	70 - 130
Hexachlorobutadiene	10.00	11.0	110	70 - 130
Hexachloroethane	10.00	10.0	100	70 - 130
Isopropylbenzene	10.00	8.13	81	70 - 130
Methyl tert-Butyl Ether	10.00	9.46	95	70 - 130
Methylene Chloride	10.00	10.5	105	70 - 130
Naphthalene	10.00	10.2	102	70 - 130
n-Butylbenzene	10.00	10.3	103	70 - 130
n-Propylbenzene	10.00	9.43	94	70 - 130
sec-Butylbenzene	10.00	9.94	99	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.86	99	70 - 130
tert-Butylbenzene	10.00	9.45	94	70 - 130
Tertiary-amyl methyl ether	10.00	9.43	94	70 - 130
Tetrachloroethene	10.00	9.73	97	70 - 130
Tetrahydrofuran	10.00	10.1	101	70 - 130
Toluene	10.00	9.83	98	70 - 130
trans-1,2-Dichloroethene	10.00	10.4	104	70 - 130
trans-1,3-Dichloropropene	10.00	8.62	86	70 - 130
Trichloroethene	10.00	9.52	95	70 - 130
Trichlorofluoromethane	10.00	10.3	103	70 - 130
Vinyl Acetate	10.00	9.72	97	70 - 130
Vinyl Chloride	10.00	10.0	100	70 - 130
Xylene O	10.00	9.90	99	70 - 130
Xylene P,M	20.00	19.7	99	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.35	94	3	25	70 - 130
1,1,1-Trichloroethane	10.00	9.20	92	3	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.73	97	2	25	70 - 130
1,1,2-Trichloroethane	10.00	9.67	97	0	25	70 - 130
1,1-Dichloroethane	10.00	9.77	98	3	25	70 - 130
1,1-Dichloroethene	10.00	9.59	96	2	25	70 - 130
1,1-Dichloropropene	10.00	9.32	93	2	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.6	106	12	25	70 - 130
1,2,3-Trichloropropane	10.00	10.0	100	5	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.30	93	16	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.42	94	3	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.61	96	5	25	70 - 130
1,2-Dibromoethane	10.00	9.52	95	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.40	94	5	25	70 - 130
1,2-Dichloroethane	10.00	9.87	99	2	25	70 - 130
1,2-Dichloropropane	10.00	9.70	97	3	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.49	95	3	25	70 - 130
1,3-Dichlorobenzene	10.00	9.51	95	1	25	70 - 130
1,3-Dichloropropane	10.00	9.91	99	0.4	25	70 - 130
1,4-Dichlorobenzene	10.00	9.45	94	3	25	70 - 130
1,4-Dioxane - Screen	200.0	247	124	31	200	0 - 332
1-Chlorohexane	10.00	9.11	91	0.2	25	70 - 130
2,2-Dichloropropane	10.00	9.15	92	2	25	70 - 130
2-Butanone	50.00	51.8	104	13	25	70 - 130
2-Chlorotoluene	10.00	9.33	93	4	25	70 - 130
2-Hexanone	50.00	51.7	103	5	25	70 - 130
4-Chlorotoluene	10.00	9.35	94	5	25	70 - 130
4-Isopropyltoluene	10.00	8.99	90	7	25	70 - 130
4-Methyl-2-Pentanone	50.00	48.4	97	1	25	70 - 130
Acetone	50.00	64.2	128	5	25	70 - 130
Benzene	10.00	9.55	96	3	25	70 - 130
Bromobenzene	10.00	9.70	97	3	25	70 - 130
Bromochloromethane	10.00	9.54	95	2	25	70 - 130
Bromodichloromethane	10.00	9.68	97	2	25	70 - 130
Bromoform	10.00	8.98	90	3	25	70 - 130
Bromomethane	10.00	9.04	90	5	25	70 - 130
Carbon Disulfide	10.00	10.4	104	3	25	70 - 130
Carbon Tetrachloride	10.00	9.14	91	4	25	70 - 130
Chlorobenzene	10.00	9.52	95	4	25	70 - 130
Chloroethane	10.00	10.6	106	2	25	70 - 130
Chloroform	10.00	9.52	95	3	25	70 - 130
Chloromethane	10.00	10.0	100	3	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.36	94	4	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90309
Laboratory ID: BL90309-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.52	95	2	25	70 - 130
Dibromochloromethane	10.00	9.31	93	2	25	70 - 130
Dibromomethane	10.00	9.31	93	1	25	70 - 130
Dichlorodifluoromethane	10.00	9.37	94	1	25	70 - 130
Diethyl Ether	10.00	10.1	101	2	25	70 - 130
Di-isopropyl ether	10.00	9.72	97	2	25	70 - 130
Ethyl tertiary-butyl ether	10.00	9.19	92	1	25	70 - 130
Ethylbenzene	10.00	9.41	94	4	25	70 - 130
Hexachlorobutadiene	10.00	10.3	103	7	25	70 - 130
Hexachloroethane	10.00	9.17	92	9	25	70 - 130
Isopropylbenzene	10.00	7.96	80	2	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.23	92	2	25	70 - 130
Methylene Chloride	10.00	10.3	103	2	25	70 - 130
Naphthalene	10.00	9.30	93	9	25	70 - 130
n-Butylbenzene	10.00	9.33	93	9	25	70 - 130
n-Propylbenzene	10.00	9.03	90	4	25	70 - 130
sec-Butylbenzene	10.00	9.34	93	6	25	70 - 130
Styrene	10.00	9.45	94	4	25	70 - 130
tert-Butylbenzene	10.00	9.03	90	5	25	70 - 130
Tertiary-amyl methyl ether	10.00	9.15	92	3	25	70 - 130
Tetrachloroethene	10.00	9.51	95	2	25	70 - 130
Tetrahydrofuran	10.00	10.2	102	0.6	25	70 - 130
Toluene	10.00	9.57	96	3	25	70 - 130
trans-1,2-Dichloroethene	10.00	9.91	99	5	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.34	83	3	25	70 - 130
Trichloroethene	10.00	9.38	94	1	25	70 - 130
Trichlorofluoromethane	10.00	9.15	92	12	25	70 - 130
Vinyl Acetate	10.00	9.59	96	1	25	70 - 130
Vinyl Chloride	10.00	9.73	97	3	25	70 - 130
Xylene O	10.00	9.51	95	4	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90309	Laboratory ID:	BL90309-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	18.8	94	5	25	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.54	95	70 - 130
1,1,1-Trichloroethane	10.00	9.68	97	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.59	96	70 - 130
1,1,2-Trichloroethane	10.00	9.59	96	70 - 130
1,1-Dichloroethane	10.00	10.1	101	70 - 130
1,1-Dichloroethene	10.00	9.78	98	70 - 130
1,1-Dichloropropene	10.00	9.36	94	70 - 130
1,2,3-Trichlorobenzene	10.00	11.3	113	70 - 130
1,2,3-Trichloropropane	10.00	9.78	98	70 - 130
1,2,4-Trichlorobenzene	10.00	10.4	104	70 - 130
1,2,4-Trimethylbenzene	10.00	9.85	98	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.24	92	70 - 130
1,2-Dibromoethane	10.00	9.46	95	70 - 130
1,2-Dichlorobenzene	10.00	9.63	96	70 - 130
1,2-Dichloroethane	10.00	9.63	96	70 - 130
1,2-Dichloropropane	10.00	10.1	101	70 - 130
1,3,5-Trimethylbenzene	10.00	9.98	100	70 - 130
1,3-Dichlorobenzene	10.00	10.0	100	70 - 130
1,3-Dichloropropane	10.00	9.97	100	70 - 130
1,4-Dichlorobenzene	10.00	9.65	96	70 - 130
1,4-Dioxane - Screen	200.0	275	138	0 - 332
1-Chlorohexane	10.00	9.35	94	70 - 130
2,2-Dichloropropane	10.00	9.90	99	70 - 130
2-Butanone	50.00	49.2	98	70 - 130
2-Chlorotoluene	10.00	9.75	98	70 - 130
2-Hexanone	50.00	49.4	99	70 - 130
4-Chlorotoluene	10.00	9.69	97	70 - 130
4-Isopropyltoluene	10.00	9.67	97	70 - 130
4-Methyl-2-Pentanone	50.00	45.0	90	70 - 130
Acetone	50.00	57.5	115	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90410
Laboratory ID: BL90410-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.93	99	70 - 130
Bromobenzene	10.00	10.0	100	70 - 130
Bromochloromethane	10.00	9.26	93	70 - 130
Bromodichloromethane	10.00	9.95	100	70 - 130
Bromoform	10.00	8.79	88	70 - 130
Bromomethane	10.00	9.47	95	70 - 130
Carbon Disulfide	10.00	10.5	105	70 - 130
Carbon Tetrachloride	10.00	9.59	96	70 - 130
Chlorobenzene	10.00	9.68	97	70 - 130
Chloroethane	10.00	10.4	104	70 - 130
Chloroform	10.00	9.86	99	70 - 130
Chloromethane	10.00	9.95	100	70 - 130
cis-1,2-Dichloroethene	10.00	9.54	95	70 - 130
cis-1,3-Dichloropropene	10.00	9.91	99	70 - 130
Dibromochloromethane	10.00	9.52	95	70 - 130
Dibromomethane	10.00	9.00	90	70 - 130
Dichlorodifluoromethane	10.00	9.21	92	70 - 130
Diethyl Ether	10.00	10.0	100	70 - 130
Di-isopropyl ether	10.00	9.93	99	70 - 130
Ethyl tertiary-butyl ether	10.00	9.42	94	70 - 130
Ethylbenzene	10.00	9.68	97	70 - 130
Hexachlorobutadiene	10.00	11.2	112	70 - 130
Hexachloroethane	10.00	10.4	104	70 - 130
Isopropylbenzene	10.00	8.28	83	70 - 130
Methyl tert-Butyl Ether	10.00	9.44	94	70 - 130
Methylene Chloride	10.00	10.2	102	70 - 130
Naphthalene	10.00	9.59	96	70 - 130
n-Butylbenzene	10.00	10.6	106	70 - 130
n-Propylbenzene	10.00	9.55	96	70 - 130
sec-Butylbenzene	10.00	10.3	103	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.67	97	70 - 130
tert-Butylbenzene	10.00	9.79	98	70 - 130
Tertiary-amyl methyl ether	10.00	9.47	95	70 - 130
Tetrachloroethene	10.00	9.46	95	70 - 130
Tetrahydrofuran	10.00	9.20	92	70 - 130
Toluene	10.00	9.66	97	70 - 130
trans-1,2-Dichloroethene	10.00	10.2	102	70 - 130
trans-1,3-Dichloropropene	10.00	8.32	83	70 - 130
Trichloroethene	10.00	9.67	97	70 - 130
Trichlorofluoromethane	10.00	10.3	103	70 - 130
Vinyl Acetate	10.00	9.23	92	70 - 130
Vinyl Chloride	10.00	9.61	96	70 - 130
Xylene O	10.00	9.80	98	70 - 130
Xylene P,M	20.00	19.5	98	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.33	93	2	25	70 - 130
1,1,1-Trichloroethane	10.00	9.56	96	1	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.25	92	4	25	70 - 130
1,1,2-Trichloroethane	10.00	9.36	94	2	25	70 - 130
1,1-Dichloroethane	10.00	9.94	99	2	25	70 - 130
1,1-Dichloroethene	10.00	9.63	96	2	25	70 - 130
1,1-Dichloropropene	10.00	9.37	94	0.1	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.3	103	10	25	70 - 130
1,2,3-Trichloropropane	10.00	9.68	97	1	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.54	95	9	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.57	96	3	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	8.91	89	4	25	70 - 130
1,2-Dibromoethane	10.00	9.02	90	5	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90410
Laboratory ID: BL90410-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.54	95	0.9	25	70 - 130
1,2-Dichloroethane	10.00	9.62	96	0.1	25	70 - 130
1,2-Dichloropropane	10.00	9.81	98	3	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.77	98	2	25	70 - 130
1,3-Dichlorobenzene	10.00	9.83	98	2	25	70 - 130
1,3-Dichloropropane	10.00	9.50	95	5	25	70 - 130
1,4-Dichlorobenzene	10.00	9.44	94	2	25	70 - 130
1,4-Dioxane - Screen	200.0	251	125	9	200	0 - 332
1-Chlorohexane	10.00	9.22	92	1	25	70 - 130
2,2-Dichloropropane	10.00	9.41	94	5	25	70 - 130
2-Butanone	50.00	48.4	97	2	25	70 - 130
2-Chlorotoluene	10.00	9.58	96	2	25	70 - 130
2-Hexanone	50.00	48.6	97	2	25	70 - 130
4-Chlorotoluene	10.00	9.54	95	2	25	70 - 130
4-Isopropyltoluene	10.00	9.30	93	4	25	70 - 130
4-Methyl-2-Pentanone	50.00	44.9	90	0.09	25	70 - 130
Acetone	50.00	60.1	120	4	25	70 - 130
Benzene	10.00	9.71	97	2	25	70 - 130
Bromobenzene	10.00	9.76	98	3	25	70 - 130
Bromochloromethane	10.00	9.23	92	0.3	25	70 - 130
Bromodichloromethane	10.00	9.68	97	3	25	70 - 130
Bromoform	10.00	8.64	86	2	25	70 - 130
Bromomethane	10.00	9.67	97	2	25	70 - 130
Carbon Disulfide	10.00	10.6	106	2	25	70 - 130
Carbon Tetrachloride	10.00	9.47	95	1	25	70 - 130
Chlorobenzene	10.00	9.50	95	2	25	70 - 130
Chloroethane	10.00	10.8	108	4	25	70 - 130
Chloroform	10.00	9.64	96	2	25	70 - 130
Chloromethane	10.00	10.0	100	0.8	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.36	94	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.43	94	5	25	70 - 130
Dibromochloromethane	10.00	9.06	91	5	25	70 - 130
Dibromomethane	10.00	8.87	89	1	25	70 - 130
Dichlorodifluoromethane	10.00	9.67	97	5	25	70 - 130
Diethyl Ether	10.00	9.70	97	3	25	70 - 130
Di-isopropyl ether	10.00	9.54	95	4	25	70 - 130
Ethyl tertiary-butyl ether	10.00	9.10	91	3	25	70 - 130
Ethylbenzene	10.00	9.58	96	1	25	70 - 130
Hexachlorobutadiene	10.00	11.0	110	2	25	70 - 130
Hexachloroethane	10.00	9.64	96	8	25	70 - 130
Isopropylbenzene	10.00	8.11	81	2	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.08	91	4	25	70 - 130
Methylene Chloride	10.00	10.1	101	1	25	70 - 130
Naphthalene	10.00	8.73	87	9	25	70 - 130
n-Butylbenzene	10.00	10.1	101	4	25	70 - 130
n-Propylbenzene	10.00	9.34	93	2	25	70 - 130
sec-Butylbenzene	10.00	9.86	99	4	25	70 - 130
Styrene	10.00	9.36	94	3	25	70 - 130
tert-Butylbenzene	10.00	9.35	94	5	25	70 - 130
Tertiary-amyl methyl ether	10.00	9.25	92	2	25	70 - 130
Tetrachloroethene	10.00	9.34	93	1	25	70 - 130
Tetrahydrofuran	10.00	9.48	95	3	25	70 - 130
Toluene	10.00	9.70	97	0.4	25	70 - 130
trans-1,2-Dichloroethene	10.00	9.98	100	2	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.03	80	4	25	70 - 130
Trichloroethene	10.00	9.58	96	0.9	25	70 - 130
Trichlorofluoromethane	10.00	10.1	101	2	25	70 - 130
Vinyl Acetate	10.00	9.19	92	0.4	25	70 - 130
Vinyl Chloride	10.00	9.97	100	4	25	70 - 130
Xylene O	10.00	9.72	97	0.8	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90410	Laboratory ID:	BL90410-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	19.0	95	3	25	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90815	Laboratory ID:	BL90815-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.26	93	70 - 130
1,1,1-Trichloroethane	10.00	9.58	96	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.97	100	70 - 130
1,1,2-Trichloroethane	10.00	9.78	98	70 - 130
1,1-Dichloroethane	10.00	9.93	99	70 - 130
1,1-Dichloroethene	10.00	9.64	96	70 - 130
1,1-Dichloropropene	10.00	9.46	95	70 - 130
1,2,3-Trichlorobenzene	10.00	11.5	115	70 - 130
1,2,3-Trichloropropane	10.00	10.4	104	70 - 130
1,2,4-Trichlorobenzene	10.00	10.3	103	70 - 130
1,2,4-Trimethylbenzene	10.00	9.35	94	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	11.6	116	70 - 130
1,2-Dibromoethane	10.00	9.44	94	70 - 130
1,2-Dichlorobenzene	10.00	9.52	95	70 - 130
1,2-Dichloroethane	10.00	9.83	98	70 - 130
1,2-Dichloropropane	10.00	9.83	98	70 - 130
1,3,5-Trimethylbenzene	10.00	9.53	95	70 - 130
1,3-Dichlorobenzene	10.00	9.60	96	70 - 130
1,3-Dichloropropane	10.00	10.1	101	70 - 130
1,4-Dichlorobenzene	10.00	9.75	98	70 - 130
1,4-Dioxane - Screen	200.0	474	237	0 - 332
1-Chlorohexane	10.00	8.79	88	70 - 130
2,2-Dichloropropane	10.00	9.71	97	70 - 130
2-Butanone	50.00	47.8	96	70 - 130
2-Chlorotoluene	10.00	9.59	96	70 - 130
2-Hexanone	50.00	50.0	100	70 - 130
4-Chlorotoluene	10.00	9.57	96	70 - 130
4-Isopropyltoluene	10.00	9.24	92	70 - 130
4-Methyl-2-Pentanone	50.00	49.1	98	70 - 130
Acetone	50.00	43.5	87	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90815
Laboratory ID: BL90815-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.79	98	70 - 130
Bromobenzene	10.00	9.59	96	70 - 130
Bromochloromethane	10.00	9.44	94	70 - 130
Bromodichloromethane	10.00	9.94	99	70 - 130
Bromoform	10.00	9.27	93	70 - 130
Bromomethane	10.00	9.14	91	70 - 130
Carbon Disulfide	10.00	10.6	106	70 - 130
Carbon Tetrachloride	10.00	9.24	92	70 - 130
Chlorobenzene	10.00	9.71	97	70 - 130
Chloroethane	10.00	10.9	109	70 - 130
Chloroform	10.00	9.80	98	70 - 130
Chloromethane	10.00	10.2	102	70 - 130
cis-1,2-Dichloroethene	10.00	9.47	95	70 - 130
cis-1,3-Dichloropropene	10.00	9.68	97	70 - 130
Dibromochloromethane	10.00	9.57	96	70 - 130
Dibromomethane	10.00	9.40	94	70 - 130
Dichlorodifluoromethane	10.00	9.11	91	70 - 130
Diethyl Ether	10.00	9.76	98	70 - 130
Di-isopropyl ether	10.00	9.70	97	70 - 130
Ethyl tertiary-butyl ether	10.00	9.29	93	70 - 130
Ethylbenzene	10.00	9.50	95	70 - 130
Hexachlorobutadiene	10.00	10.5	105	70 - 130
Hexachloroethane	10.00	9.71	97	70 - 130
Isopropylbenzene	10.00	7.82	78	70 - 130
Methyl tert-Butyl Ether	10.00	9.31	93	70 - 130
Methylene Chloride	10.00	10.5	105	70 - 130
Naphthalene	10.00	9.63	96	70 - 130
n-Butylbenzene	10.00	10.1	101	70 - 130
n-Propylbenzene	10.00	9.02	90	70 - 130
sec-Butylbenzene	10.00	9.56	96	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90815	Laboratory ID:	BL90815-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.51	95	70 - 130
tert-Butylbenzene	10.00	9.10	91	70 - 130
Tertiary-amyl methyl ether	10.00	9.35	94	70 - 130
Tetrachloroethene	10.00	9.22	92	70 - 130
Tetrahydrofuran	10.00	9.00	90	70 - 130
Toluene	10.00	9.94	99	70 - 130
trans-1,2-Dichloroethene	10.00	10.1	101	70 - 130
trans-1,3-Dichloropropene	10.00	9.11	91	70 - 130
Trichloroethene	10.00	9.34	93	70 - 130
Trichlorofluoromethane	10.00	8.52	85	70 - 130
Vinyl Acetate	10.00	9.13	91	70 - 130
Vinyl Chloride	10.00	10.0	100	70 - 130
Xylene O	10.00	9.63	96	70 - 130
Xylene P,M	20.00	19.3	96	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.48	95	2	25	70 - 130
1,1,1-Trichloroethane	10.00	9.78	98	2	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	10.2	102	2	25	70 - 130
1,1,2-Trichloroethane	10.00	10.0	100	2	25	70 - 130
1,1-Dichloroethane	10.00	10.1	101	2	25	70 - 130
1,1-Dichloroethene	10.00	9.63	96	0.1	25	70 - 130
1,1-Dichloropropene	10.00	9.37	94	1	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.2	102	12	25	70 - 130
1,2,3-Trichloropropane	10.00	10.4	104	0	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.63	96	6	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.46	95	1	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	10.6	106	8	25	70 - 130
1,2-Dibromoethane	10.00	10.0	100	6	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90815
Laboratory ID: BL90815-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.55	96	0.3	25	70 - 130
1,2-Dichloroethane	10.00	10.0	100	2	25	70 - 130
1,2-Dichloropropane	10.00	10.0	100	2	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.35	94	2	25	70 - 130
1,3-Dichlorobenzene	10.00	9.71	97	1	25	70 - 130
1,3-Dichloropropane	10.00	10.6	106	6	25	70 - 130
1,4-Dichlorobenzene	10.00	9.73	97	0.2	25	70 - 130
1,4-Dioxane - Screen	200.0	242	121	65	200	0 - 332
1-Chlorohexane	10.00	8.98	90	2	25	70 - 130
2,2-Dichloropropane	10.00	9.41	94	3	25	70 - 130
2-Butanone	50.00	49.2	98	3	25	70 - 130
2-Chlorotoluene	10.00	9.84	98	3	25	70 - 130
2-Hexanone	50.00	50.2	100	0.4	25	70 - 130
4-Chlorotoluene	10.00	9.50	95	0.7	25	70 - 130
4-Isopropyltoluene	10.00	9.05	90	2	25	70 - 130
4-Methyl-2-Pentanone	50.00	48.9	98	0.5	25	70 - 130
Acetone	50.00	56.6	113	26 *	25	70 - 130
Benzene	10.00	9.85	98	0.6	25	70 - 130
Bromobenzene	10.00	9.77	98	2	25	70 - 130
Bromochloromethane	10.00	9.50	95	0.6	25	70 - 130
Bromodichloromethane	10.00	10.0	100	0.8	25	70 - 130
Bromoform	10.00	9.47	95	2	25	70 - 130
Bromomethane	10.00	9.36	94	2	25	70 - 130
Carbon Disulfide	10.00	10.6	106	0.2	25	70 - 130
Carbon Tetrachloride	10.00	9.38	94	2	25	70 - 130
Chlorobenzene	10.00	9.85	98	1	25	70 - 130
Chloroethane	10.00	10.6	106	3	25	70 - 130
Chloroform	10.00	9.94	99	1	25	70 - 130
Chloromethane	10.00	9.78	98	4	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.64	96	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: BL90815
Laboratory ID: BL90815-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.64	96	0.4	25	70 - 130
Dibromochloromethane	10.00	9.63	96	0.6	25	70 - 130
Dibromomethane	10.00	9.52	95	1	25	70 - 130
Dichlorodifluoromethane	10.00	9.03	90	0.9	25	70 - 130
Diethyl Ether	10.00	10.4	104	6	25	70 - 130
Di-isopropyl ether	10.00	9.81	98	1	25	70 - 130
Ethyl tertiary-butyl ether	10.00	9.70	97	4	25	70 - 130
Ethylbenzene	10.00	9.60	96	1	25	70 - 130
Hexachlorobutadiene	10.00	10.6	106	1	25	70 - 130
Hexachloroethane	10.00	9.87	99	2	25	70 - 130
Isopropylbenzene	10.00	7.80	78	0.3	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.42	94	1	25	70 - 130
Methylene Chloride	10.00	10.5	105	0.1	25	70 - 130
Naphthalene	10.00	8.76	88	9	25	70 - 130
n-Butylbenzene	10.00	9.48	95	6	25	70 - 130
n-Propylbenzene	10.00	8.91	89	1	25	70 - 130
sec-Butylbenzene	10.00	9.53	95	0.3	25	70 - 130
Styrene	10.00	9.66	97	2	25	70 - 130
tert-Butylbenzene	10.00	8.88	89	2	25	70 - 130
Tertiary-amyl methyl ether	10.00	9.52	95	2	25	70 - 130
Tetrachloroethene	10.00	9.40	94	2	25	70 - 130
Tetrahydrofuran	10.00	9.41	94	4	25	70 - 130
Toluene	10.00	9.70	97	2	25	70 - 130
trans-1,2-Dichloroethene	10.00	9.94	99	1	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.62	86	6	25	70 - 130
Trichloroethene	10.00	9.67	97	3	25	70 - 130
Trichlorofluoromethane	10.00	8.30	83	3	25	70 - 130
Vinyl Acetate	10.00	9.16	92	0.3	25	70 - 130
Vinyl Chloride	10.00	9.73	97	3	25	70 - 130
Xylene O	10.00	9.77	98	1	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	BL90815	Laboratory ID:	BL90815-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	19.2	96	0.3	25	70 - 130

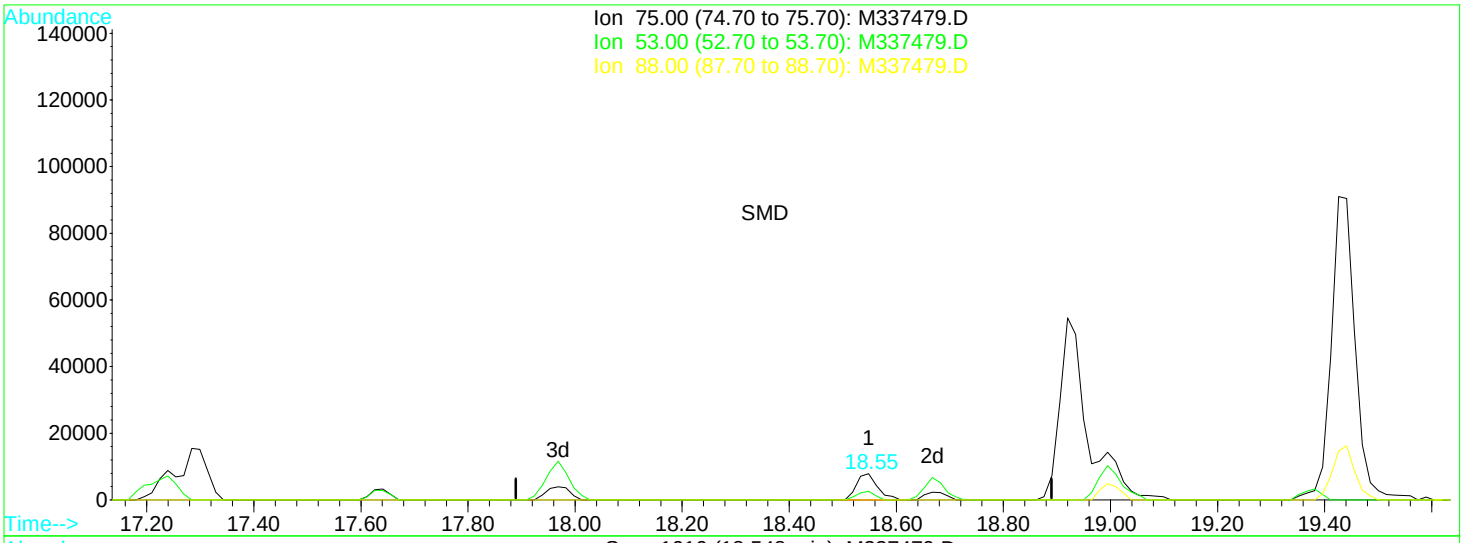
Column to be used to flag recovery and RPD values with an asterisk

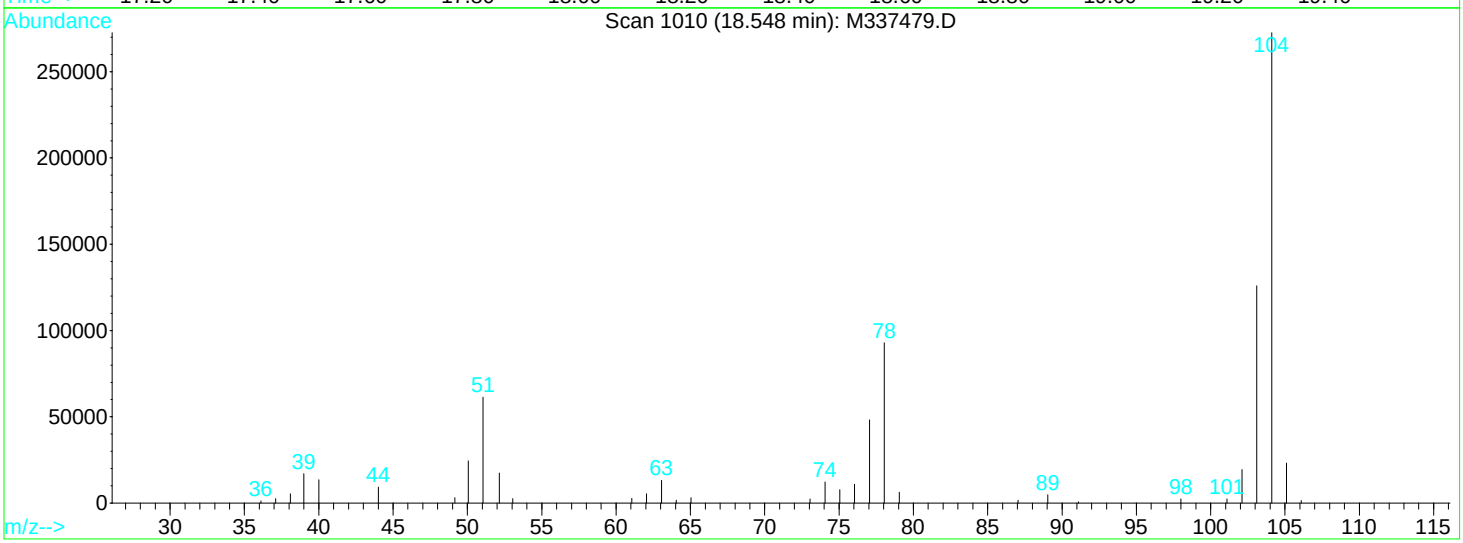
* Values outside of QC limits

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337479.D

(74) cis-1,4-Dichloro-2-butene

18.55min 6.86ug/l

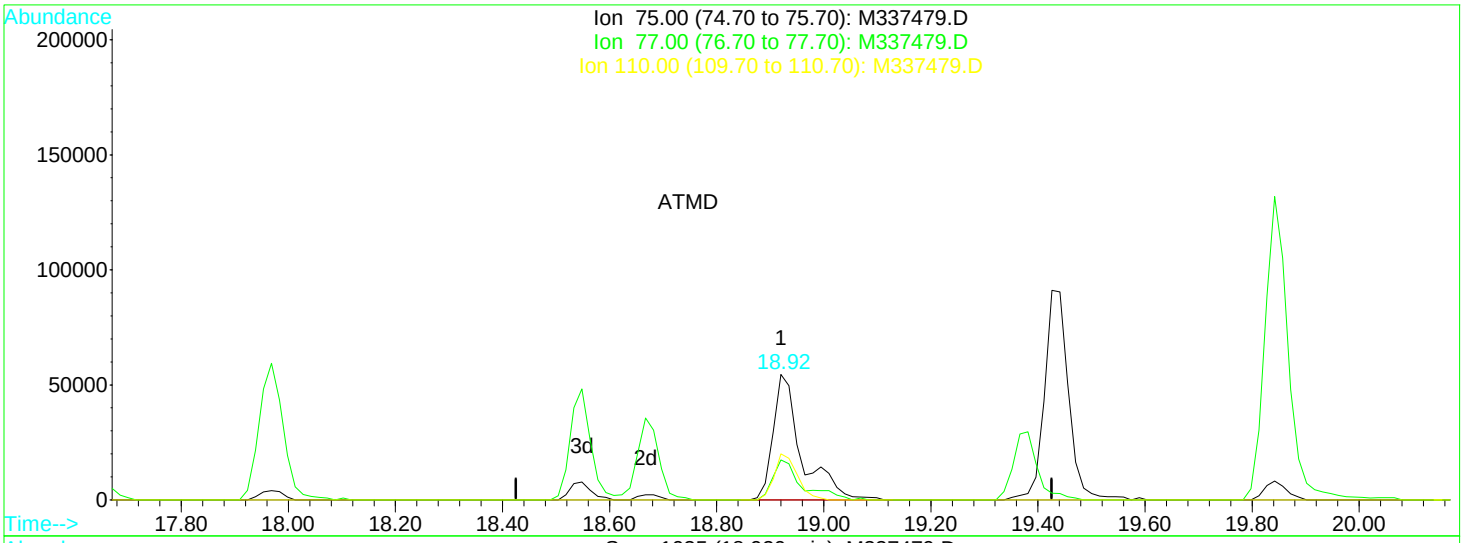
response 21506

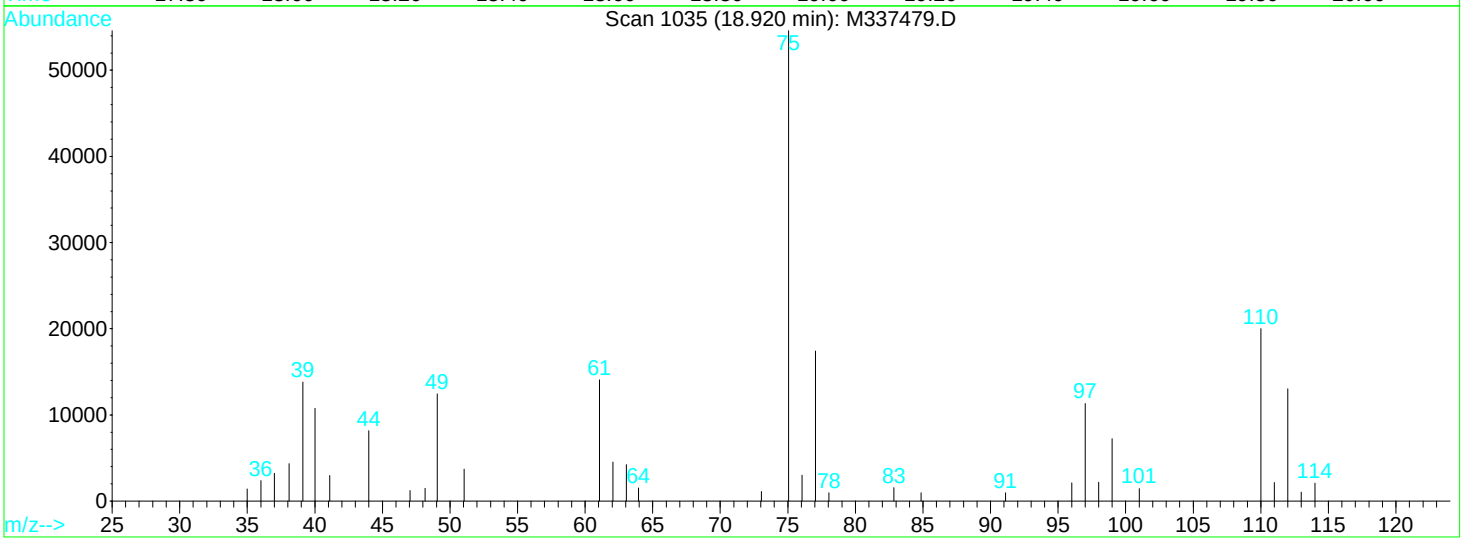
Ion	Exp%	Act%
75.00	100	100
53.00	73.90	33.56#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337479.D

(78) 1,2,3-Trichloropropane

18.92min 12.28ug/l

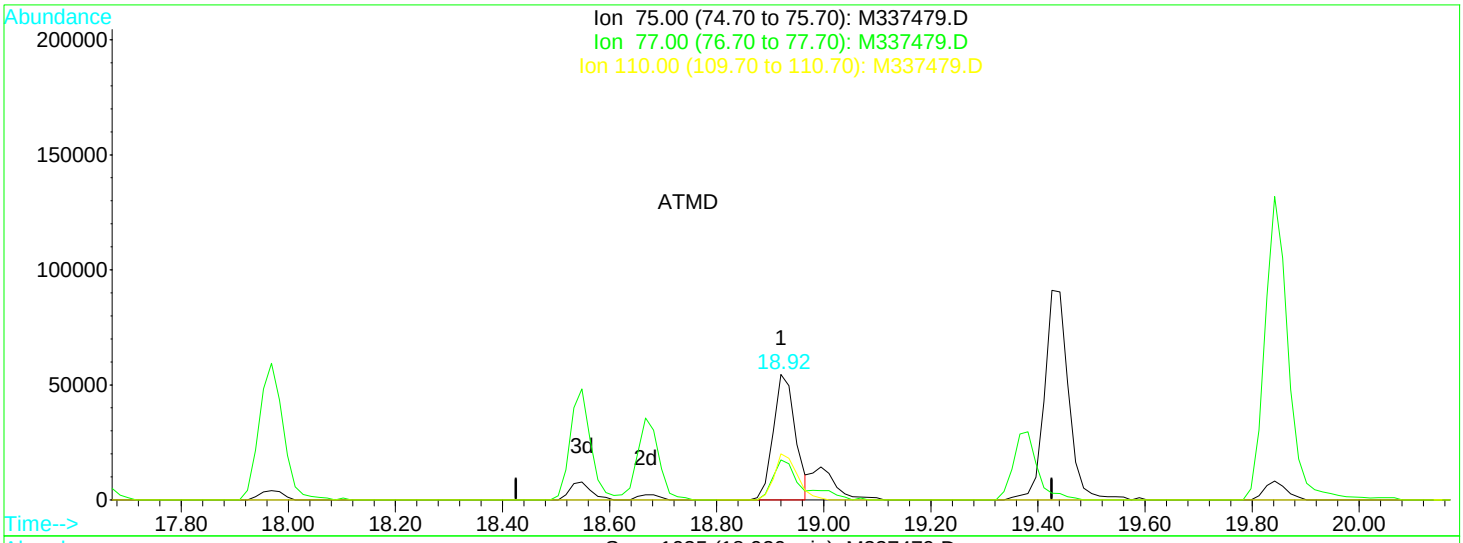
response 202859

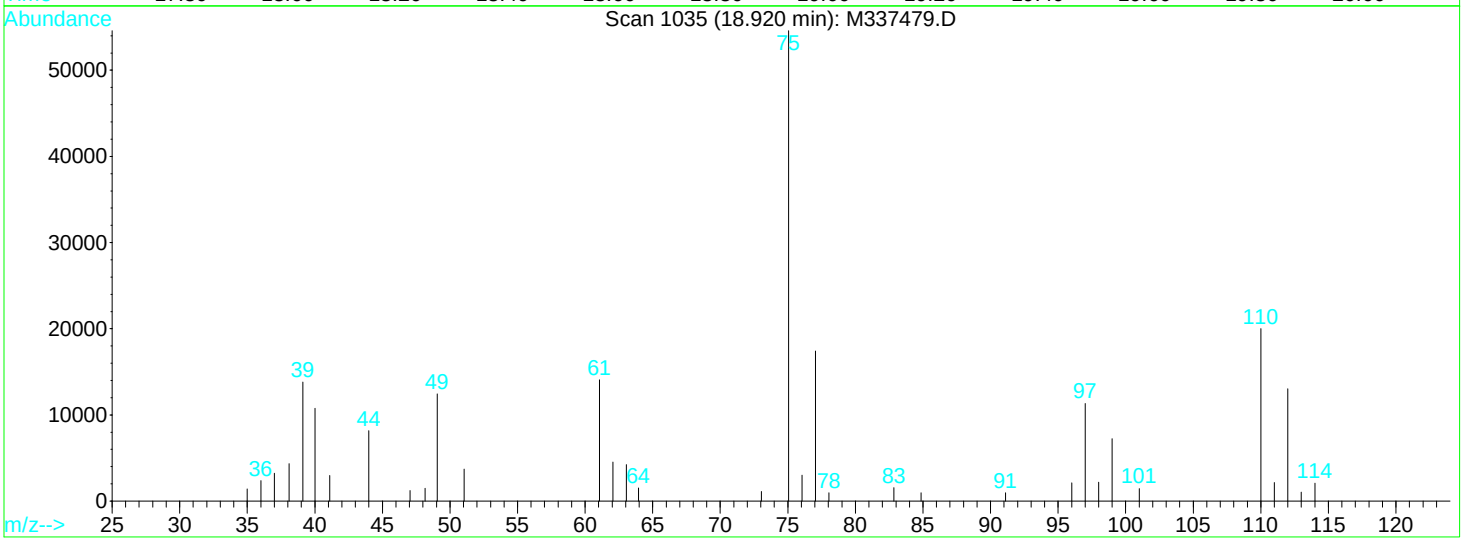
Ion	Exp%	Act%
75.00	100	100
77.00	32.00	31.91
110.00	36.70	36.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337479.D

(78) 1,2,3-Trichloropropane

18.92min 9.56ug/l m

response 157960

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	31.91
110.00	36.70	36.66
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.96	96	2930835	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	1966538	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	732875	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	844128	23.31	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	466052	23.48	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.92%			
59) Toluene-d8 (SURR)	14.87	98	2416570	23.84	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.36%			
75) Bromofluorobenzene (SURR)	19.44	95	823613	23.67	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.69	85	238149	9.49	ug/l	98
3) Chloromethane	3.97	50	312488	10.27	ug/l	100
4) Vinyl Chloride	4.28	62	251072	10.05	ug/l	98
5) Bromomethane	4.92	94	165521	9.51	ug/l	98
6) Chloroethane	5.16	64	152051	10.85	ug/l	96
7) Trichlorofluoromethane	6.07	101	345428	10.27	ug/l	96
8) Diethyl ether	6.49	59	167986	10.24	ug/l	96
9) Acrolein	6.08	56	26496	13.06	ug/l	100
10) Acetone	6.29	58	81123	67.24	ug/l	97
11) Iodomethane	6.96	142	384542	10.27	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.24	101	238189	9.14	ug/l	95
13) Methyl Acetate	7.30	43	141570	10.01	ug/l	99
14) Allyl Chloride	7.30	41	451636	9.94	ug/l	97
15) Carbon Disulfide	7.47	76	1021844	10.74	ug/l	99
16) 1,1-Dichloroethene	6.92	96	268522	9.80	ug/l	98
17) Methylene Chloride	7.15	84	359467	10.50	ug/l	91
18) Methyl tert-Butyl Ether	8.42	73	380576	9.46	ug/l	98
19) Acrylonitrile	7.07	53	60636	10.12	ug/l	95
20) trans-1,2-Dichloroethene	8.21	96	317420	10.43	ug/l	98
21) 1,1-Dichloroethane	8.60	63	466391	10.09	ug/l	97
22) Vinyl Acetate	8.87	43	429487	9.72	ug/l	97
24) 2-Butanone	9.33	72	81798	58.86	ug/l #	1
25) Di-isopropyl ether	9.34	45	954433	9.91	ug/l	91
26) Methacrylonitrile	9.46	41	111934	9.06	ug/l	96
27) cis-1,2 Dichloroethene	9.49	96	345456	9.74	ug/l	97
28) Methyl Acrylate	9.95	55	160126	10.26	ug/l	95
29) Ethyl tertiary-butyl ether	9.95	59	542726	9.29	ug/l	98
30) 2,2-Dichloropropane	9.94	77	233123	9.37	ug/l	89
31) Bromochloromethane	9.74	128	157657	9.73	ug/l	94
32) Tetrahydrofuran	10.38	42	46082	10.10	ug/l	100
33) Chloroform	9.82	83	462575	9.83	ug/l	98
35) 1-Chlorobutane	10.96	56	413488	9.85	ug/l	94
36) 1,1,1-Trichloroethane	10.98	97	316691	9.49	ug/l	99
37) 1,1-Dichloropropene	11.27	75	301847	9.48	ug/l	98
38) Cyclohexane	11.41	56	287883	9.54	ug/l	99
39) Carbon Tetrachloride	11.54	117	272285	9.55	ug/l	100
40) Benzene	11.62	78	1074754	9.85	ug/l	100
42) 1,2-Dichloroethane	10.83	62	223490	9.69	ug/l	100
43) Tertiary-amyl methyl ether	11.88	73	429614	9.43	ug/l	92
44) Trichloroethene	12.63	95	290660	9.52	ug/l	95
45) 1,2-Dichloropropane	12.55	63	280902	10.02	ug/l	99
46) Dibromomethane	12.49	93	177665	9.20	ug/l	98
47) 2-Nitropropane	12.66	43	34340	9.96	ug/l	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

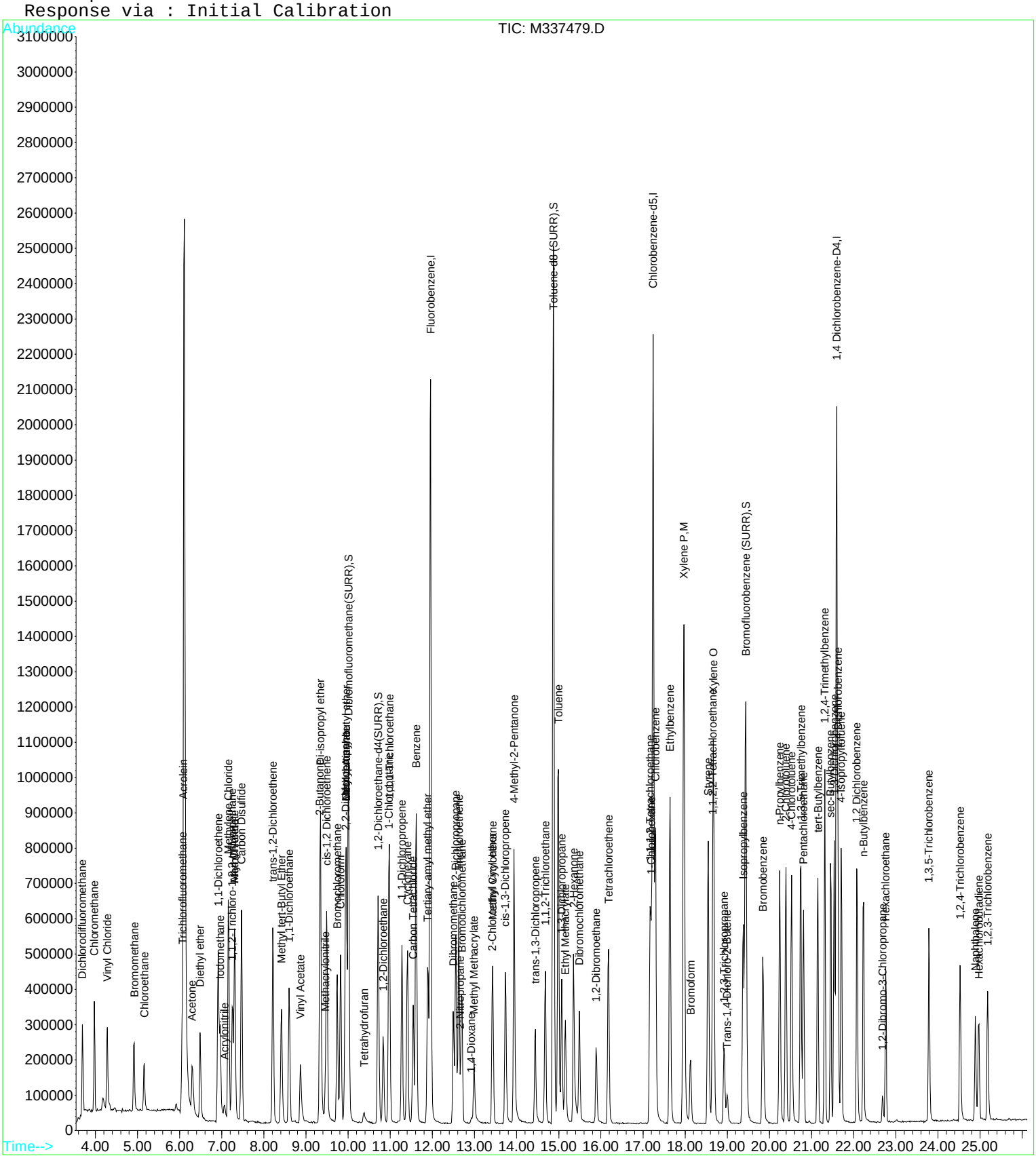
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	Bromodichloromethane	12.70	83	324564	9.88	ug/l	98
49)	1,4-Dioxane	12.93	88	28128	336.40	ug/l	94
50)	Methyl Methacrylate	12.99	41	152484	9.58	ug/l	96
51)	2-Chloroethyl vinyl ether	13.42	63	15737	9.57	ug/l	77
52)	Methyl Cyclohexane	13.43	83	224250	9.43	ug/l	97
53)	4-Methyl-2-Pentanone	13.94	58	289640	47.75	ug/l	98
54)	cis-1,3-Dichloropropene	13.73	75	339400	9.76	ug/l	98
55)	trans-1,3-Dichloropropene	14.44	75	220699	8.62	ug/l	98
56)	1,1,2-Trichloroethane	14.68	83	187869	9.67	ug/l	98
57)	Toluene	14.99	92	692730	9.83	ug/l	100
60)	Ethyl Methacrylate	15.16	69	213194	10.33	ug/l	97
61)	2-Hexanone	15.35	43	630599	54.06	ug/l	99
62)	1,3-Dichloropropane	15.07	76	337817	9.87	ug/l	100
63)	Tetrachloroethene	16.18	164	178297	9.73	ug/l	97
64)	Dibromochloromethane	15.48	129	247211	9.47	ug/l	99
65)	1,2-Dibromoethane	15.89	107	235422	9.67	ug/l	97
66)	1-Chlorohexane	17.19	91	228123	9.13	ug/l	89
67)	Chlorobenzene	17.30	112	774219	9.90	ug/l	99
68)	1,1,1,2-Tetrachloroethane	17.17	131	223289	9.68	ug/l	98
69)	Ethylbenzene	17.64	91	1061709	9.76	ug/l	98
70)	Xylene P,M	17.97	106	843740	19.73	ug/l	98
71)	Xylene O	18.67	106	428468	9.90	ug/l	98
72)	Styrene	18.55	104	693921	9.86	ug/l	97
73)	Bromoform	18.13	173	141021	9.26	ug/l	100
77)	Trans-1,4-Dichloro-2-Buten	18.99	53	30980	8.89	ug/l	84
78)	1,2,3-Trichloropropane	18.92	75	157960m	9.56	ug/l	
79)	Isopropylbenzene	19.38	105	697756	8.13	ug/l	97
80)	Bromobenzene	19.84	156	270694	10.03	ug/l	91
81)	1,1,2,2-Tetrachloroethane	18.65	83	260313	9.54	ug/l	100
82)	n-Propylbenzene	20.24	91	896815	9.43	ug/l	99
83)	2-Chlorotoluene	20.39	91	656517	9.72	ug/l	94
84)	4-Chlorotoluene	20.53	91	689615	9.85	ug/l	95
85)	1,3,5-Trimethylbenzene	20.75	105	647419	9.74	ug/l	93
86)	Pentachloroethane	20.81	119	157129	9.22	ug/l	96
87)	tert-Butylbenzene	21.15	119	461386	9.45	ug/l	97
88)	1,2,4-Trimethylbenzene	21.31	105	694938	9.72	ug/l	99
89)	sec-Butylbenzene	21.45	105	769690	9.94	ug/l	98
90)	1,3 Dichlorobenzene	21.54	146	404577	9.65	ug/l	98
91)	4-Isopropyltoluene	21.70	119	599775	9.68	ug/l	96
92)	1,4 Dichlorobenzene	21.63	146	452034	9.78	ug/l	97
93)	n-Butylbenzene	22.24	91	560749	10.26	ug/l	97
94)	1,2 Dichlorobenzene	22.07	146	400119	9.87	ug/l	96
95)	1,2-Dibromo-3-Chloropropan	22.68	75	24898	10.12	ug/l	87
96)	Hexachloroethane	22.76	117	130717	10.05	ug/l	89
97)	1,3,5-Trichlorobenzene	23.78	180	258198	11.26	ug/l	96
98)	1,2,4-Trichlorobenzene	24.53	180	223110	10.90	ug/l	99
99)	Hexachlorobutadiene	24.97	225	96917	11.01	ug/l	99
100)	Naphthalene	24.88	128	375667	10.16	ug/l	100
101)	1,2,3-Trichlorobenzene	25.18	180	191624	11.95	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337479.D Vial: 3
Acq On : 3 Dec 2009 9:25 am Operator: MD
Sample : BL90309-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:03 2009 Quant Results File: AQ110909.RES

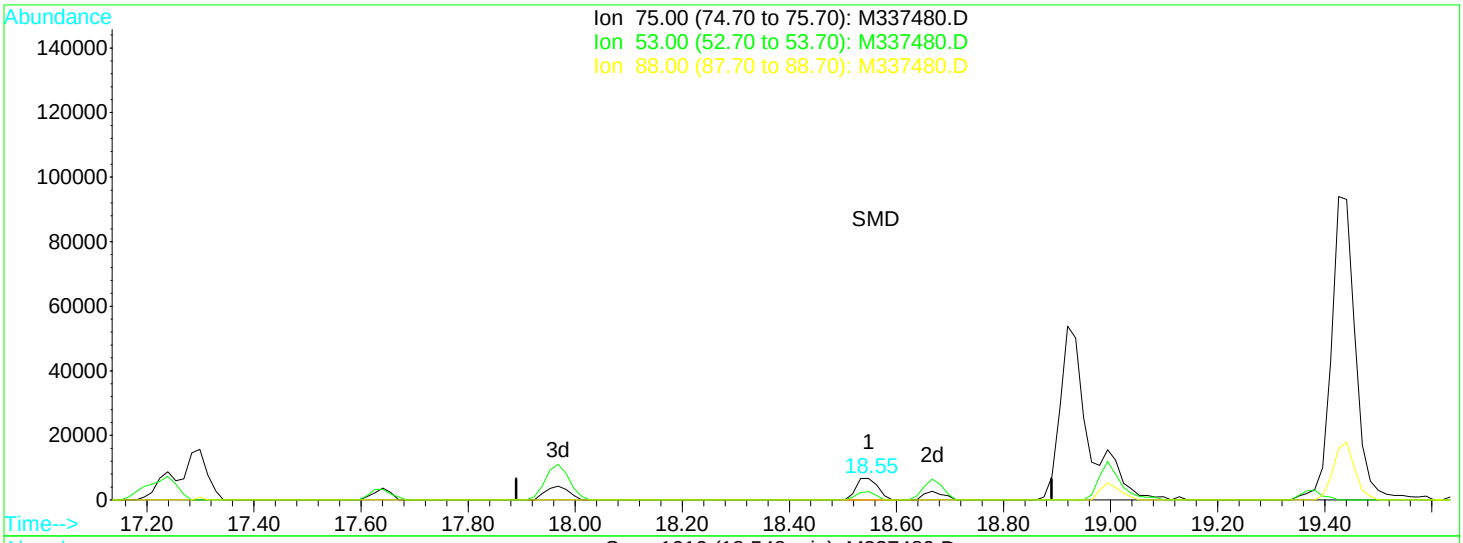
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

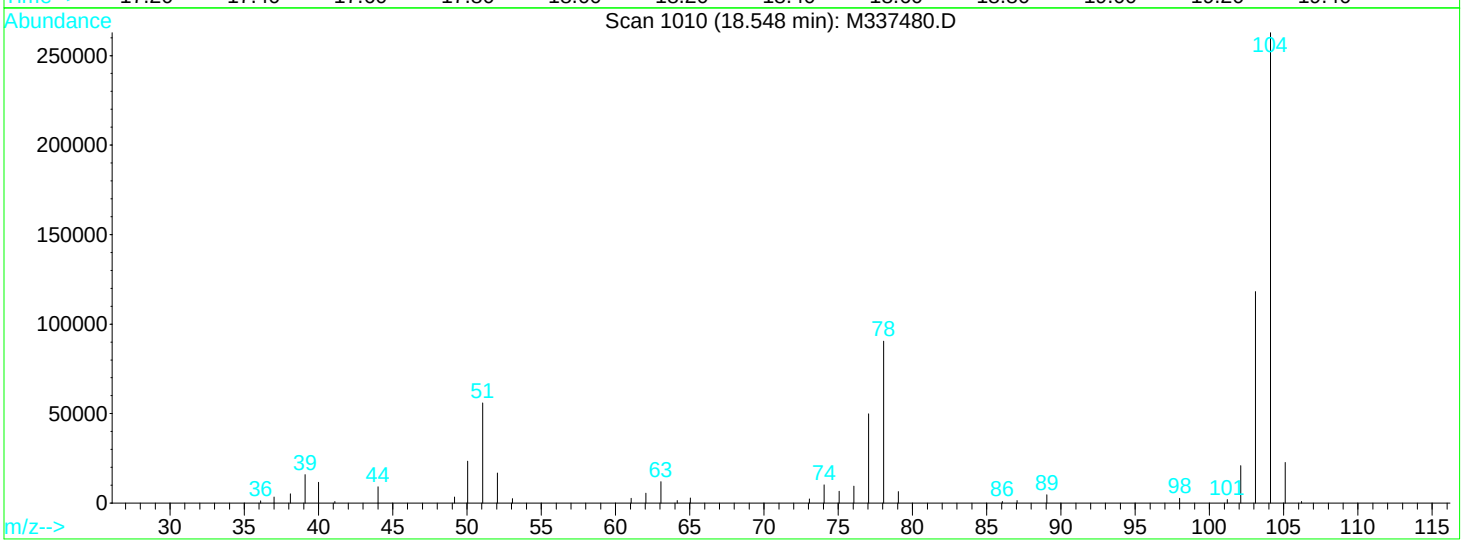


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337480.D

(74) cis-1,4-Dichloro-2-butene

18.55min 6.46ug/l

response 18879

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	38.07#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.96	96	3001284	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	1999823	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.60	152	744349	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.01	111	845207	22.80	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.20%			
41) 1,2-Dichloroethane-d4(SURR	10.71	65	477152	23.48	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.92%			
59) Toluene-d8 (SURR)	14.87	98	2466889	23.93	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.72%			
75) Bromofluorobenzene (SURR)	19.44	95	825428	23.33	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.69	85	240624	9.37	ug/l	98
3) Chloromethane	3.97	50	311995	10.01	ug/l	100
4) Vinyl Chloride	4.28	62	248901	9.73	ug/l	97
5) Bromomethane	4.92	94	161226	9.04	ug/l	94
6) Chloroethane	5.16	64	152561	10.63	ug/l	98
7) Trichlorofluoromethane	6.07	101	315056	9.15	ug/l	97
8) Diethyl ether	6.49	59	169281	10.08	ug/l	99
9) Acrolein	6.08	56	24973	12.17	ug/l	95
10) Acetone	6.31	58	79267	64.16	ug/l	87
11) Iodomethane	6.96	142	374427	9.77	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.24	101	248455	9.31	ug/l	93
13) Methyl Acetate	7.30	43	142744	9.85	ug/l	100
14) Allyl Chloride	7.30	41	451686	9.71	ug/l	99
15) Carbon Disulfide	7.47	76	1017076	10.44	ug/l	99
16) 1,1-Dichloroethene	6.92	96	269181	9.59	ug/l	98
17) Methylene Chloride	7.15	84	361617	10.31	ug/l	92
18) Methyl tert-Butyl Ether	8.42	73	380443	9.23	ug/l	96
19) Acrylonitrile	7.07	53	65337	10.63	ug/l	90
20) trans-1,2-Dichloroethene	8.21	96	308764	9.91	ug/l	96
21) 1,1-Dichloroethane	8.60	63	462423	9.77	ug/l	97
22) Vinyl Acetate	8.87	43	433715	9.59	ug/l	97
24) 2-Butanone	9.33	72	73700	51.79	ug/l #	1
25) Di-isopropyl ether	9.34	45	958696	9.72	ug/l	92
26) Methacrylonitrile	9.46	41	115494	9.13	ug/l	96
27) cis-1,2 Dichloroethene	9.49	96	340064	9.36	ug/l	99
28) Methyl Acrylate	9.95	55	165901	10.38	ug/l	96
29) Ethyl tertiary-butyl ether	9.95	59	549582	9.19	ug/l	99
30) 2,2-Dichloropropane	9.94	77	233259	9.15	ug/l	90
31) Bromochloromethane	9.74	128	158329	9.54	ug/l	95
32) Tetrahydrofuran	10.37	42	47459	10.16	ug/l	81
33) Chloroform	9.82	83	458572	9.52	ug/l	99
35) 1-Chlorobutane	10.98	56	411901	9.58	ug/l	98
36) 1,1,1-Trichloroethane	10.98	97	314323	9.20	ug/l	98
37) 1,1-Dichloropropene	11.27	75	303946	9.32	ug/l	97
38) Cyclohexane	11.41	56	291755	9.44	ug/l	98
39) Carbon Tetrachloride	11.54	117	266690	9.14	ug/l	98
40) Benzene	11.62	78	1067219	9.55	ug/l	100
42) 1,2-Dichloroethane	10.83	62	233163	9.87	ug/l	97
43) Tertiary-amyl methyl ether	11.88	73	426869	9.15	ug/l	90
44) Trichloroethene	12.63	95	293545	9.38	ug/l	99
45) 1,2-Dichloropropane	12.55	63	278458	9.70	ug/l	98
46) Dibromomethane	12.49	93	184193	9.31	ug/l	96
47) 2-Nitropropane	12.66	43	33149	9.40	ug/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

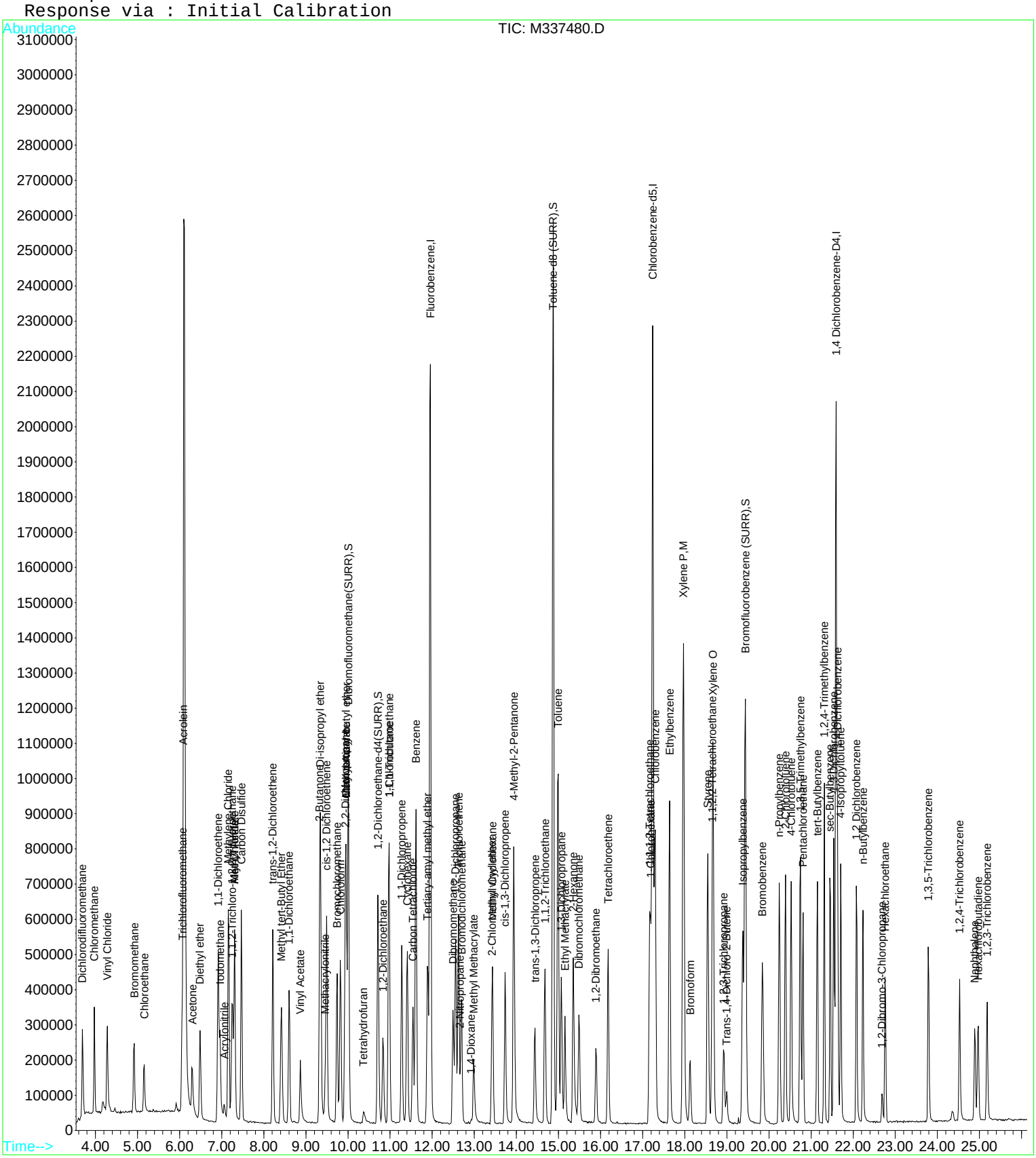
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.70	83	325622	9.68	ug/l		99
49)	1,4-Dioxane	12.93	88	20258	247.22	ug/l		97
50)	Methyl Methacrylate	12.99	41	155377	9.53	ug/l		94
51)	2-Chloroethyl vinyl ether	13.42	63	15848	9.41	ug/l		75
52)	Methyl Cyclohexane	13.43	83	218460	8.97	ug/l		97
53)	4-Methyl-2-Pentanone	13.94	58	300673	48.40	ug/l		99
54)	cis-1,3-Dichloropropene	13.73	75	338947	9.52	ug/l		99
55)	trans-1,3-Dichloropropene	14.44	75	218668	8.34	ug/l		99
56)	1,1,2-Trichloroethane	14.68	83	192360	9.67	ug/l		97
57)	Toluene	14.99	92	690428	9.57	ug/l		99
60)	Ethyl Methacrylate	15.16	69	223013	10.58	ug/l		100
61)	2-Hexanone	15.35	43	608392	51.68	ug/l		100
62)	1,3-Dichloropropane	15.07	76	344863	9.91	ug/l		100
63)	Tetrachloroethene	16.18	164	177238	9.51	ug/l		97
64)	Dibromochloromethane	15.48	129	247150	9.31	ug/l		98
65)	1,2-Dibromoethane	15.89	107	235606	9.52	ug/l		97
66)	1-Chlorohexane	17.19	91	231486	9.11	ug/l		88
67)	Chlorobenzene	17.30	112	756536	9.52	ug/l		99
68)	1,1,1,2-Tetrachloroethane	17.16	131	219328	9.35	ug/l		100
69)	Ethylbenzene	17.64	91	1040241	9.41	ug/l		99
70)	Xylene P,M	17.97	106	818894	18.83	ug/l		98
71)	Xylene O	18.67	106	418378	9.51	ug/l		96
72)	Styrene	18.55	104	676501	9.45	ug/l		97
73)	Bromoform	18.13	173	139052	8.98	ug/l		98
77)	Trans-1,4-Dichloro-2-Buten	18.99	53	33483	9.30	ug/l	#	78
78)	1,2,3-Trichloropropane	18.92	75	168241	10.03	ug/l		98
79)	Isopropylbenzene	19.38	105	693661	7.96	ug/l		99
80)	Bromobenzene	19.84	156	265637	9.70	ug/l		87
81)	1,1,2,2-Tetrachloroethane	18.65	83	269630	9.73	ug/l		98
82)	n-Propylbenzene	20.24	91	872163	9.03	ug/l		98
83)	2-Chlorotoluene	20.39	91	640039	9.33	ug/l		98
84)	4-Chlorotoluene	20.53	91	664711	9.35	ug/l		91
85)	1,3,5-Trimethylbenzene	20.75	105	640912	9.49	ug/l		93
86)	Pentachloroethane	20.81	119	152718	8.82	ug/l		97
87)	tert-Butylbenzene	21.15	119	448141	9.03	ug/l		99
88)	1,2,4-Trimethylbenzene	21.31	105	683888	9.42	ug/l		100
89)	sec-Butylbenzene	21.45	105	734517	9.34	ug/l		98
90)	1,3 Dichlorobenzene	21.54	146	405045	9.51	ug/l		97
91)	4-Isopropyltoluene	21.70	119	565420	8.99	ug/l		97
92)	1,4 Dichlorobenzene	21.63	146	443601	9.45	ug/l		95
93)	n-Butylbenzene	22.24	91	518066	9.33	ug/l		97
94)	1,2 Dichlorobenzene	22.07	146	386793	9.40	ug/l		95
95)	1,2-Dibromo-3-Chloropropan	22.68	75	24012	9.61	ug/l		84
96)	Hexachloroethane	22.76	117	121137	9.17	ug/l		90
97)	1,3,5-Trichlorobenzene	23.78	180	235401	10.11	ug/l		95
98)	1,2,4-Trichlorobenzene	24.53	180	193495	9.30	ug/l		96
99)	Hexachlorobutadiene	24.97	225	92127	10.31	ug/l		98
100)	Naphthalene	24.88	128	349459	9.30	ug/l		100
101)	1,2,3-Trichlorobenzene	25.18	180	171828	10.55	ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337480.D Vial: 4
Acq On : 3 Dec 2009 9:58 am Operator: MD
Sample : BL90309-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: AQ110909.RES

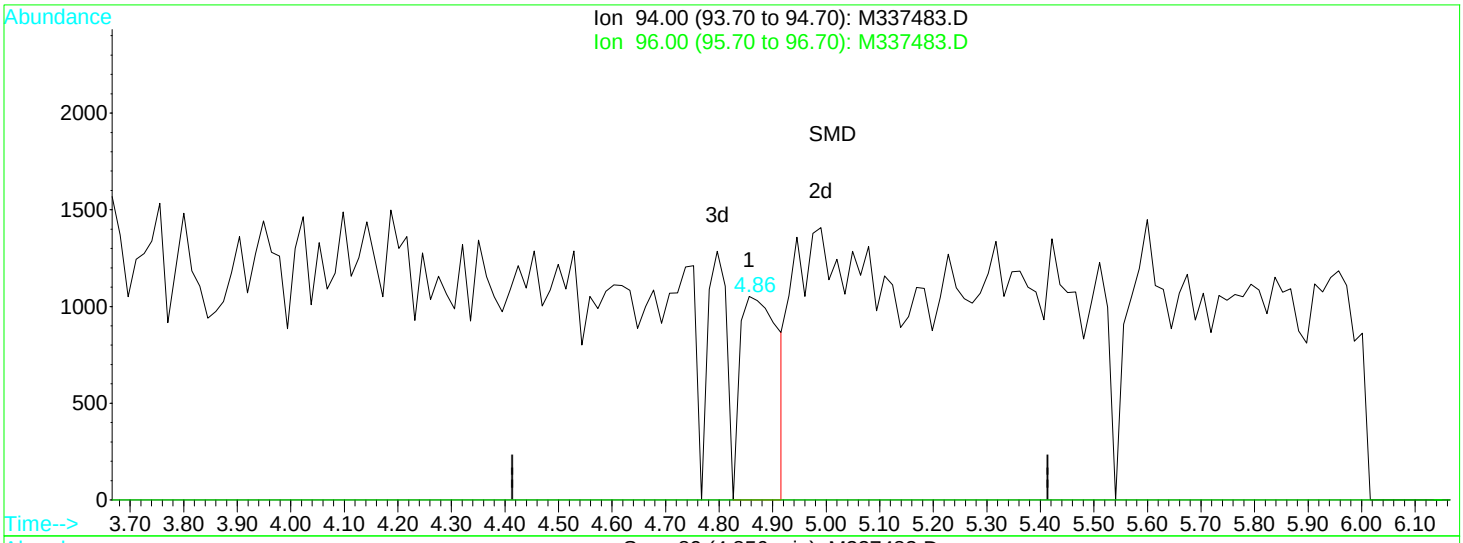
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

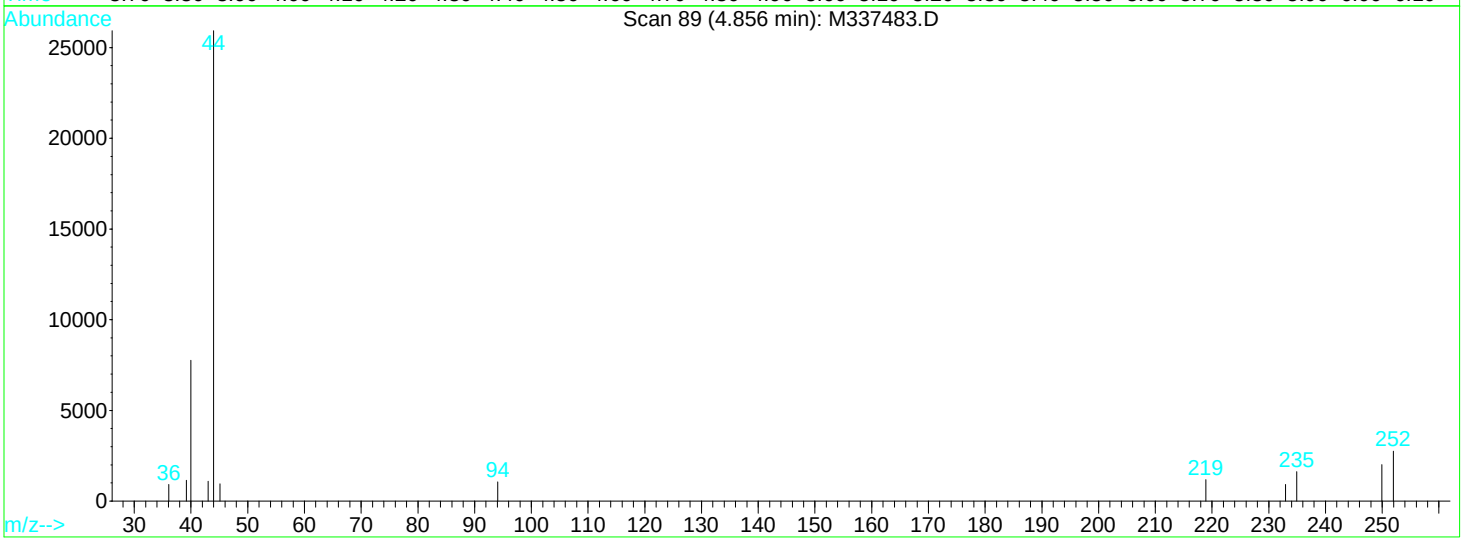


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:25 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(5) Bromomethane

4.86min 0.30ug/l

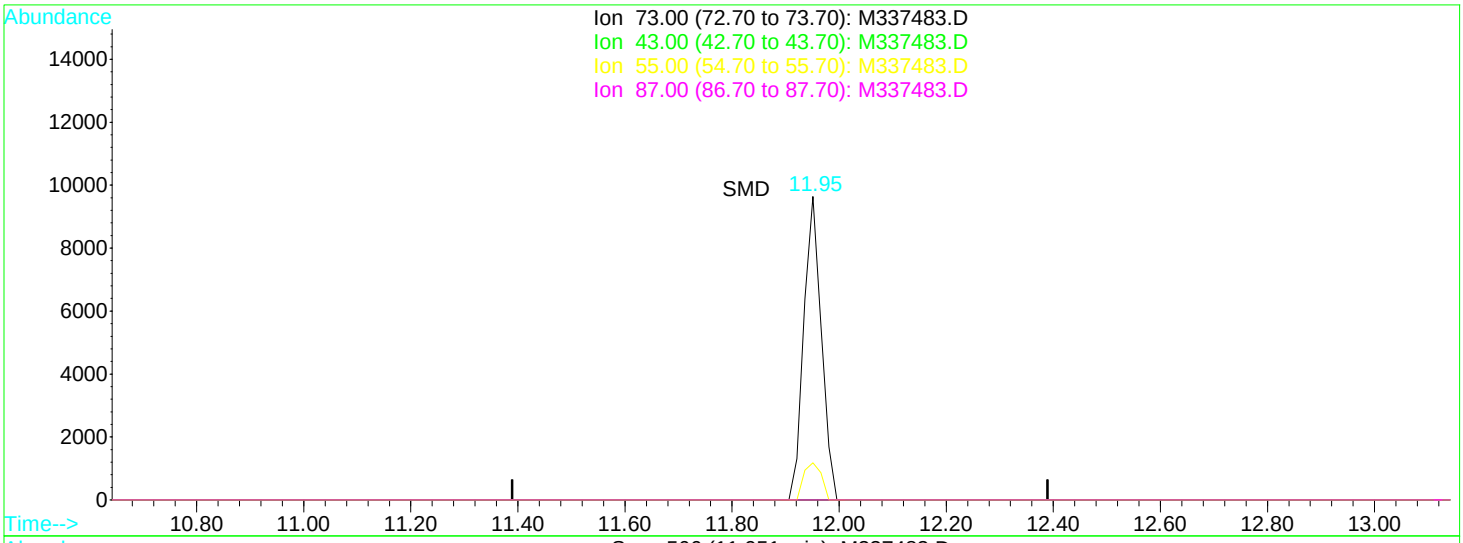
response 5160

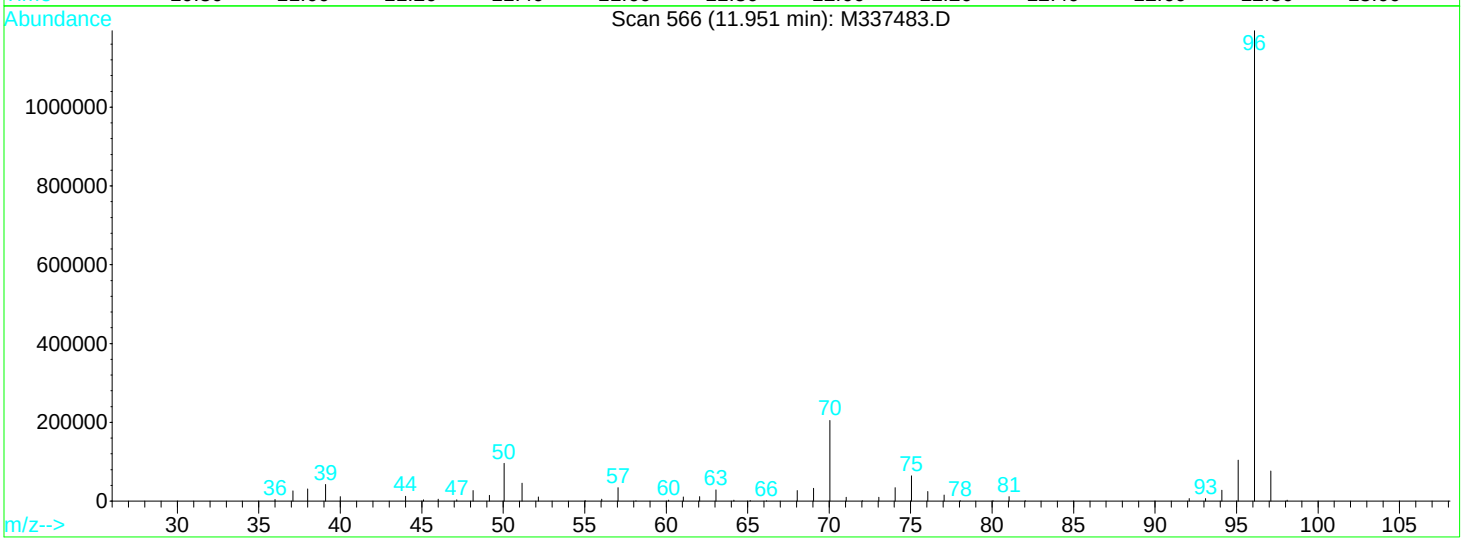
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(43) Tertiary-amyl methyl ether

11.95min 0.49ug/l

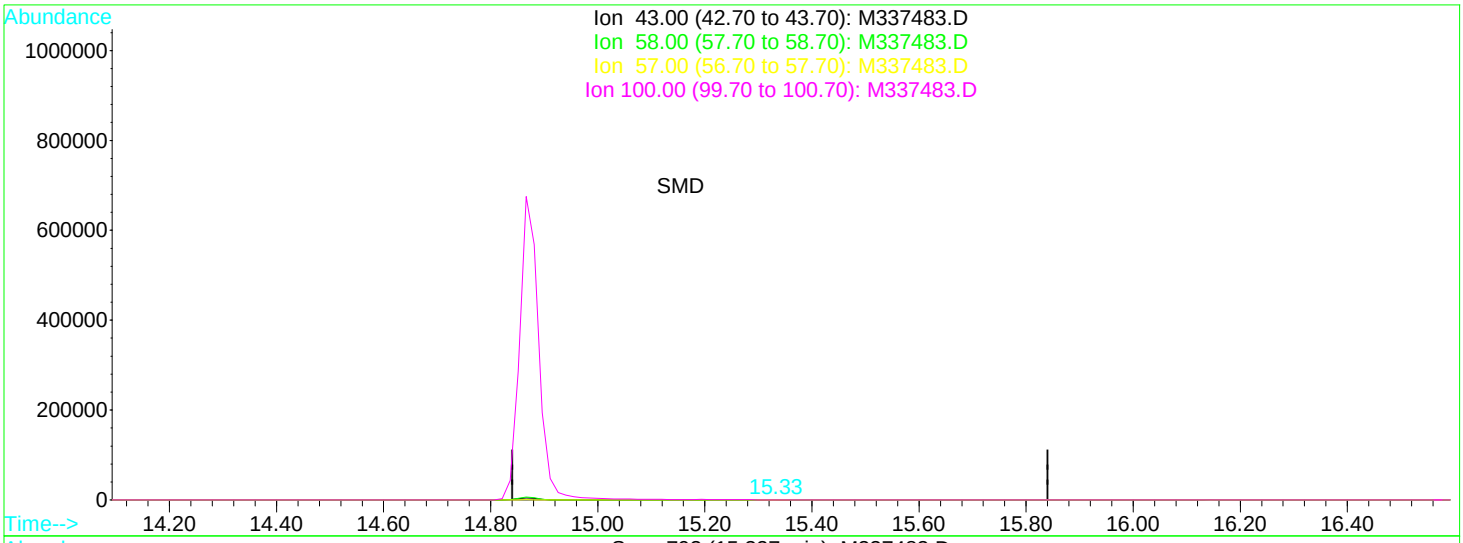
response 21919

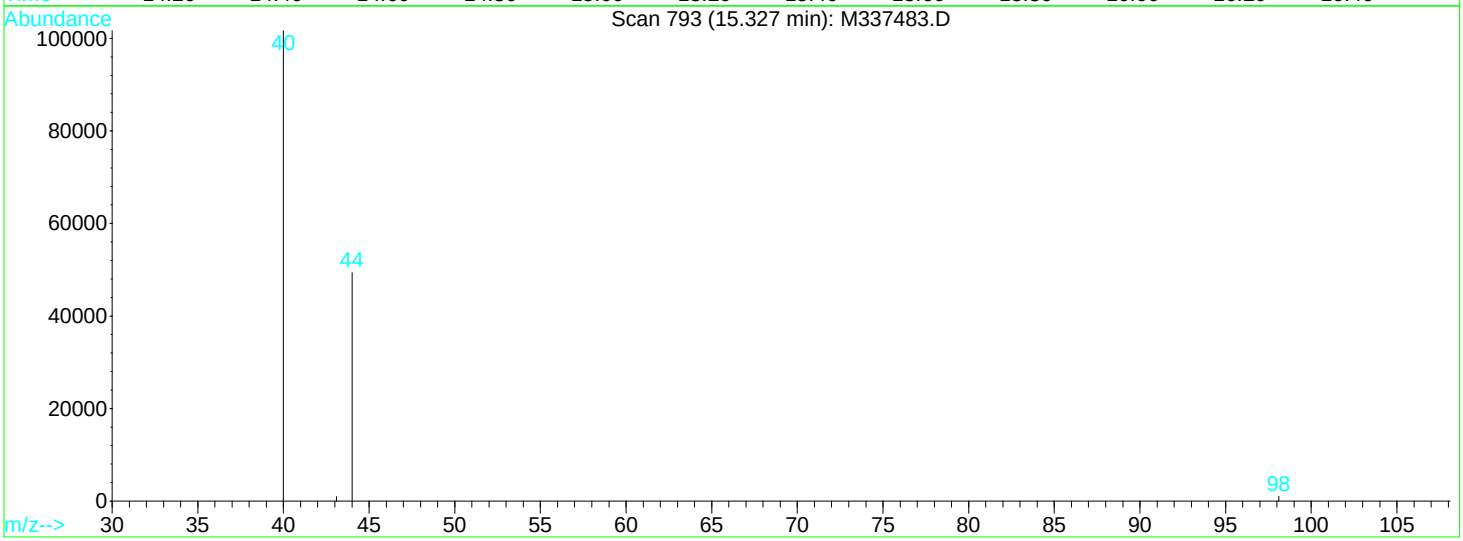
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	12.24
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(61) 2-Hexanone

15.33min 7.78ug/l

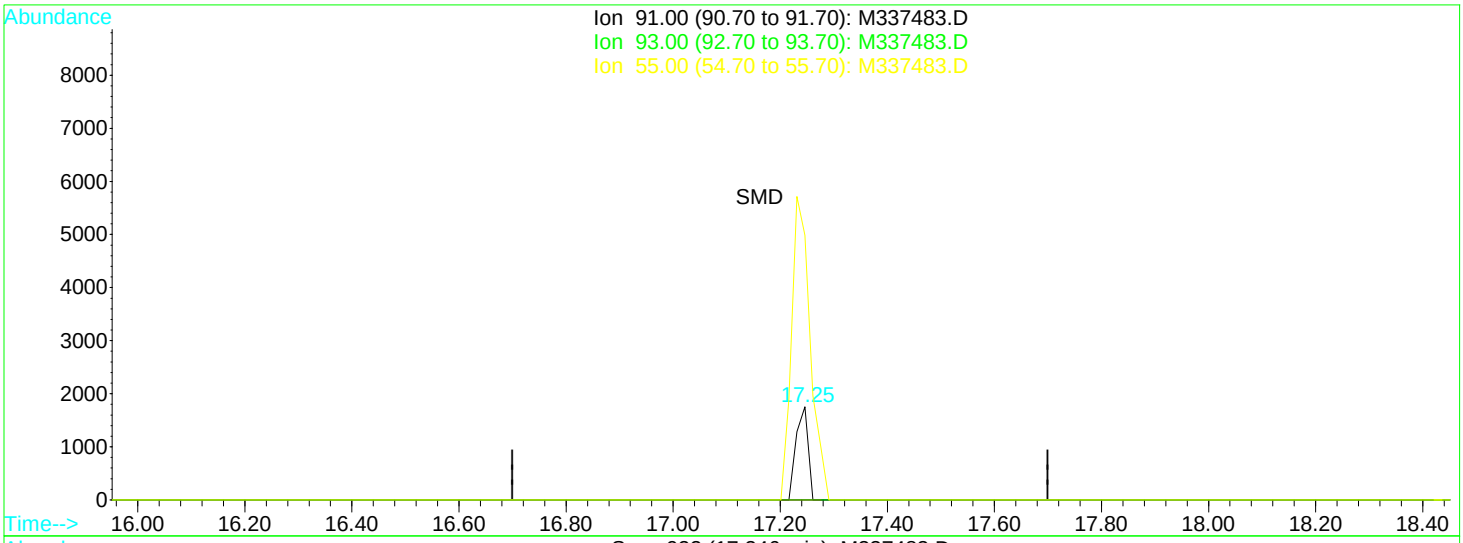
response 857

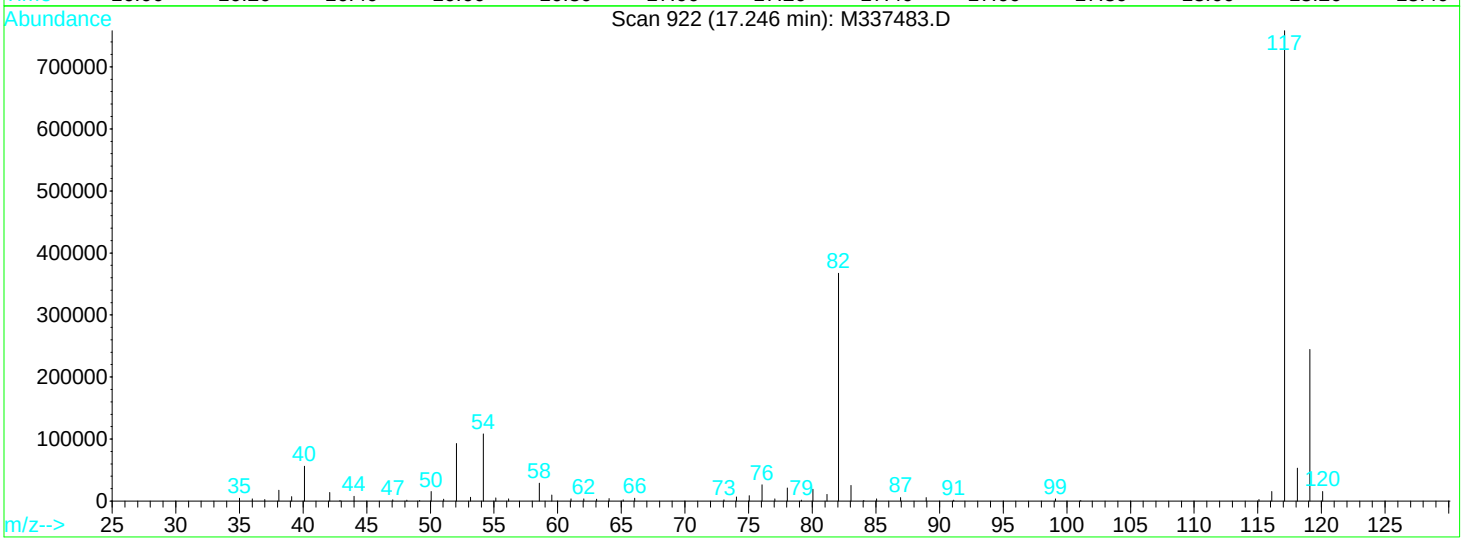
Ion	Exp%	Act%
43.00	100	100
58.00	48.40	0.00#
57.00	13.70	0.00
100.00	9.70	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration





TIC: M337483.D

(66) 1-Chlorohexane

17.25min 0.11ug/l

response 2709

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	284.10#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2893084	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.25	117	2022777	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.59	152	757072	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	811839	22.72	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.88%			
41) 1,2-Dichloroethane-d4(SURR	10.72	65	463193	23.64	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.56%			
59) Toluene-d8 (SURR)	14.87	98	2476931	23.75	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.00%			
75) Bromofluorobenzene (SURR)	19.43	95	842483	23.54	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.16%			

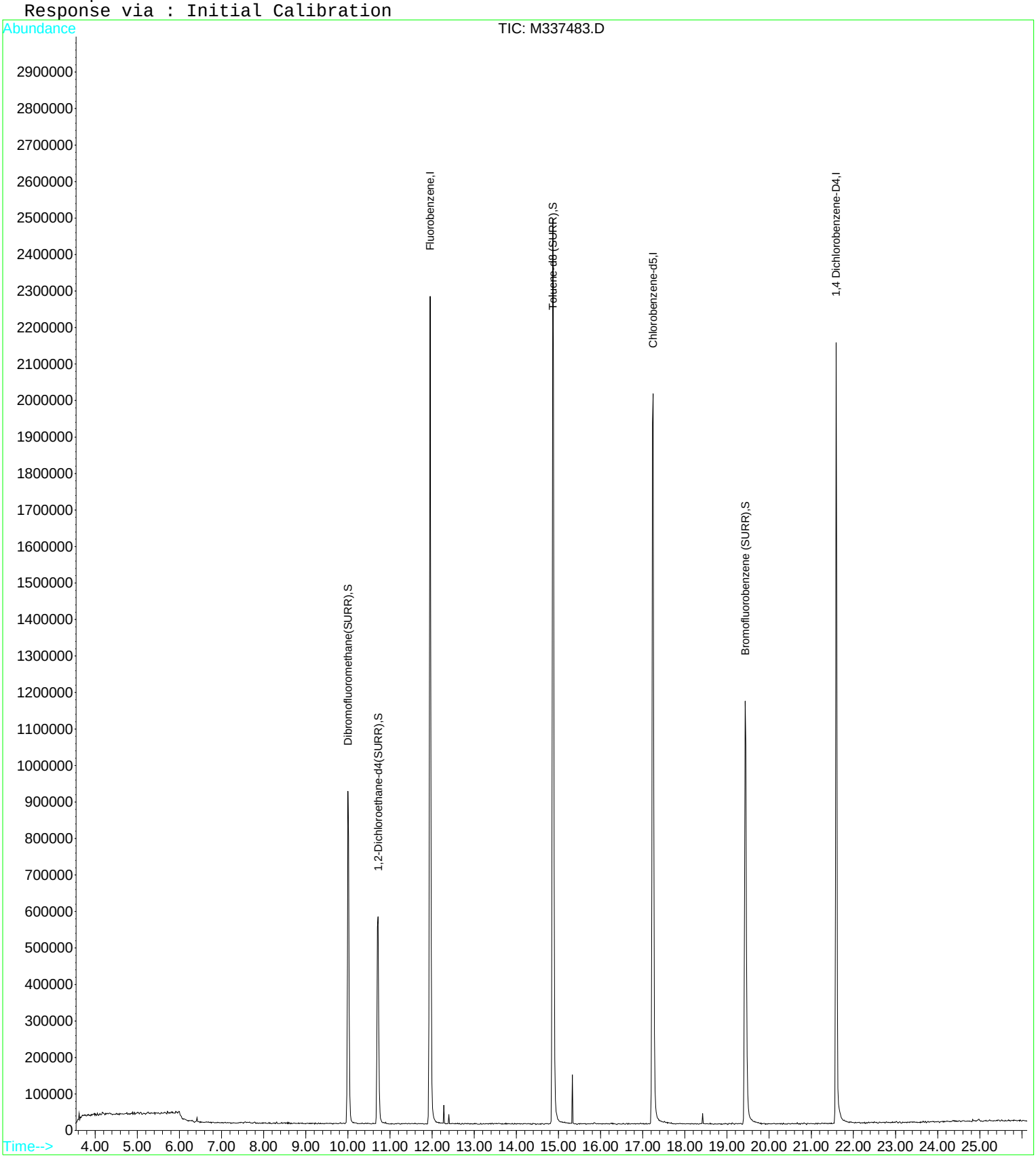
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337483.D Vial: 7
Acq On : 3 Dec 2009 11:34 am Operator: MD
Sample : BL90309-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 9:05 2009 Quant Results File: AQ110909.RES

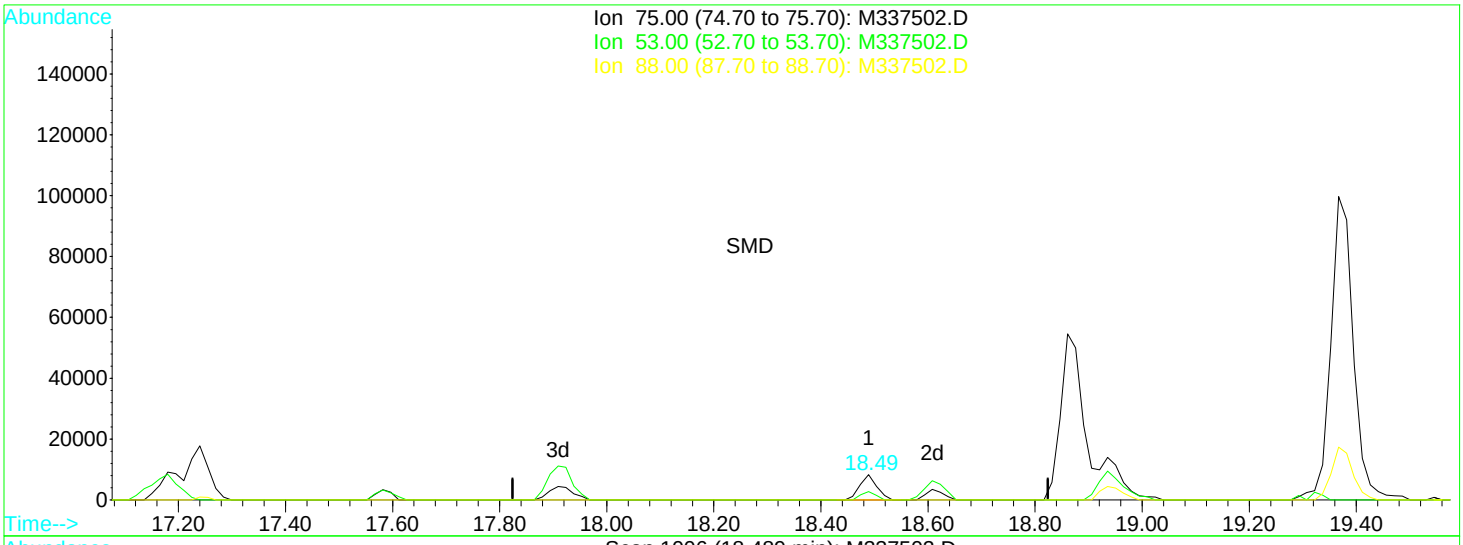
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration

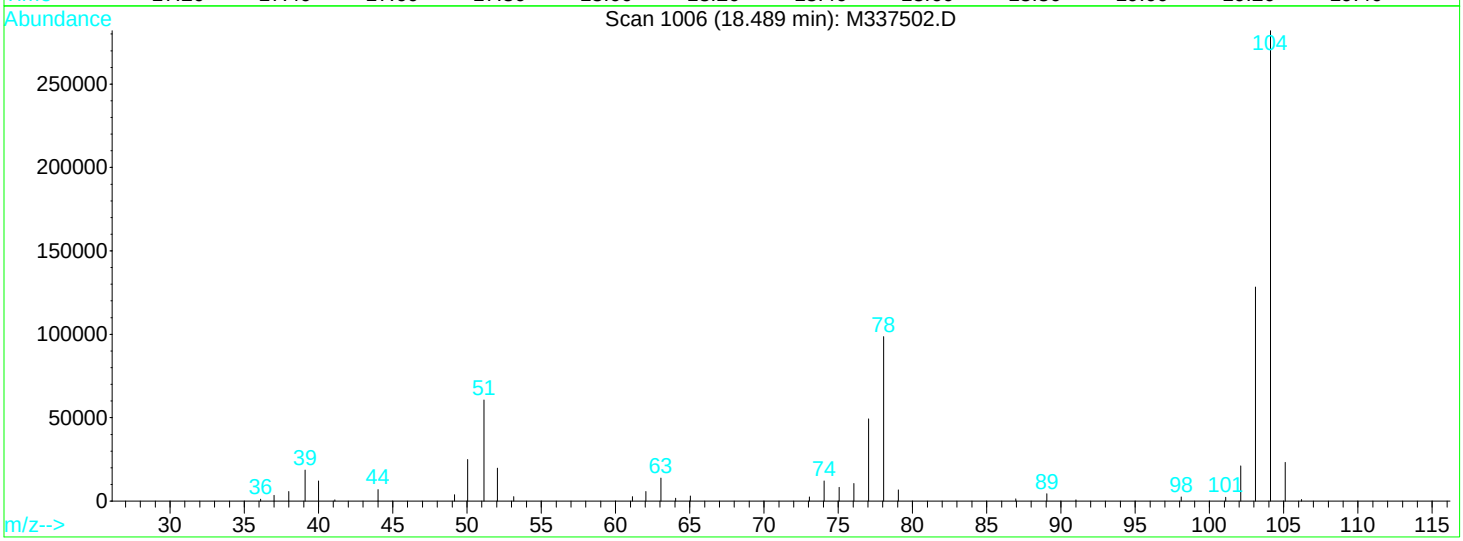


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337502.D

(74) cis-1,4-Dichloro-2-butene

18.49min 6.35ug/l

response 18333

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	33.03#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:50 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	3083593	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	2034314	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	735304	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	879768	23.10	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.40%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	484263	23.19	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.76%			
59) Toluene-d8 (SURR)	14.82	98	2507415	23.91	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.64%			
75) Bromofluorobenzene (SURR)	19.37	95	839824	23.33	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.66	85	243178	9.21	ug/l	98
3) Chloromethane	3.94	50	318646	9.95	ug/l	98
4) Vinyl Chloride	4.24	62	252631	9.61	ug/l	100
5) Bromomethane	4.88	94	173463	9.47	ug/l	99
6) Chloroethane	5.10	64	153276	10.40	ug/l	97
7) Trichlorofluoromethane	6.01	101	363276	10.27	ug/l	97
8) Diethyl ether	6.44	59	173398	10.04	ug/l	92
9) Acrolein	6.02	56	27746	13.01	ug/l	97
10) Acetone	6.25	58	73045	57.54	ug/l	96
11) Iodomethane	6.90	142	426868	10.84	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.20	101	255477	9.32	ug/l	98
13) Methyl Acetate	7.24	43	152584	10.25	ug/l	97
14) Allyl Chloride	7.26	41	481410	10.07	ug/l	92
15) Carbon Disulfide	7.41	76	1047837	10.46	ug/l	100
16) 1,1-Dichloroethene	6.86	96	281935	9.78	ug/l	96
17) Methylene Chloride	7.11	84	367322	10.19	ug/l	98
18) Methyl tert-Butyl Ether	8.36	73	399781	9.44	ug/l	98
19) Acrylonitrile	7.01	53	60547	9.62	ug/l	97
20) trans-1,2-Dichloroethene	8.17	96	327038	10.22	ug/l	92
21) 1,1-Dichloroethane	8.54	63	491583	10.10	ug/l	97
22) Vinyl Acetate	8.81	43	429203	9.23	ug/l	97
23) Chloroprene	9.12	53	5839	0.18	ug/l	72
24) 2-Butanone	9.27	72	71879	49.16	ug/l #	1
25) Di-isopropyl ether	9.28	45	1005502	9.93	ug/l	93
26) Methacrylonitrile	9.40	41	117013	9.00	ug/l	96
27) cis-1,2 Dichloroethene	9.45	96	356038	9.54	ug/l	94
28) Methyl Acrylate	9.91	55	157465	9.59	ug/l	99
29) Ethyl tertiary-butyl ether	9.89	59	579004	9.42	ug/l	98
30) 2,2-Dichloropropane	9.88	77	259329	9.90	ug/l	97
31) Bromochloromethane	9.68	128	157916	9.26	ug/l	92
32) Tetrahydrofuran	10.32	42	44141	9.20	ug/l	98
33) Chloroform	9.76	83	487972	9.86	ug/l	97
35) 1-Chlorobutane	10.92	56	441947	10.00	ug/l	96
36) 1,1,1-Trichloroethane	10.92	97	339809	9.68	ug/l	98
37) 1,1-Dichloropropene	11.22	75	313824	9.36	ug/l	97
38) Cyclohexane	11.35	56	316550	9.97	ug/l	96
39) Carbon Tetrachloride	11.48	117	287540	9.59	ug/l	100
40) Benzene	11.56	78	1140325	9.93	ug/l	100
42) 1,2-Dichloroethane	10.77	62	233730	9.63	ug/l	99
43) Tertiary-amyl methyl ether	11.84	73	453992	9.47	ug/l	96
44) Trichloroethene	12.57	95	310651	9.67	ug/l	99
45) 1,2-Dichloropropane	12.49	63	298171	10.11	ug/l	99
46) Dibromomethane	12.44	93	182917	9.00	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:50 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

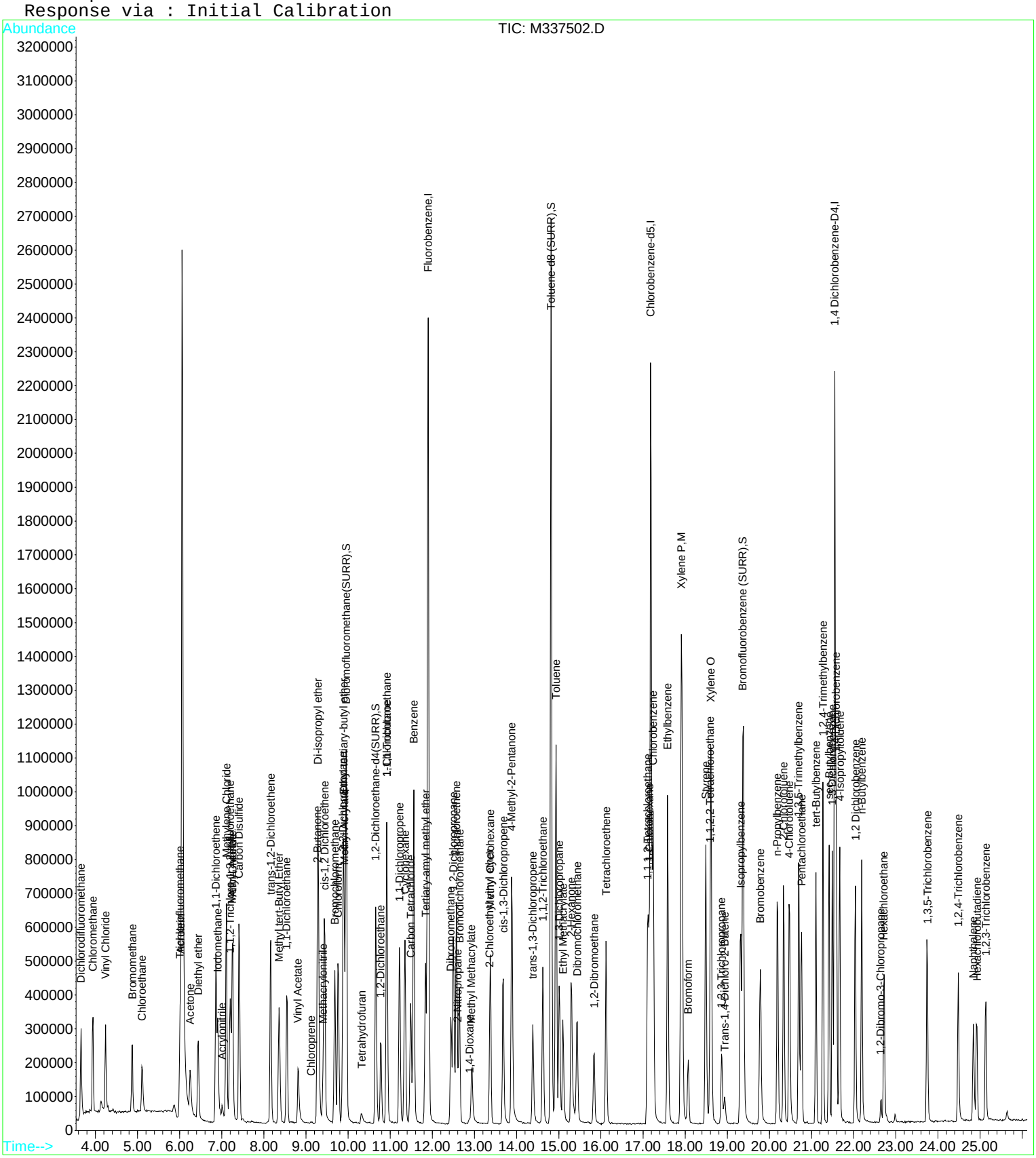
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.60	43	29557	8.18	ug/l	93
48)	Bromodichloromethane	12.64	83	343842	9.95	ug/l	96
49)	1,4-Dioxane	12.88	88	23571	275.23	ug/l	93
50)	Methyl Methacrylate	12.93	41	152772	9.12	ug/l	92
51)	2-Chloroethyl vinyl ether	13.36	63	17137	9.90	ug/l	66
52)	Methyl Cyclohexane	13.37	83	241400	9.65	ug/l	100
53)	4-Methyl-2-Pentanone	13.88	58	286933	44.96	ug/l	97
54)	cis-1,3-Dichloropropene	13.68	75	362600	9.91	ug/l	94
55)	trans-1,3-Dichloropropene	14.38	75	223930	8.32	ug/l	99
56)	1,1,2-Trichloroethane	14.62	83	196027	9.59	ug/l	97
57)	Toluene	14.93	92	716388	9.66	ug/l	99
60)	Ethyl Methacrylate	15.10	69	213847	10.07	ug/l	98
61)	2-Hexanone	15.29	43	587002	49.42	ug/l	98
62)	1,3-Dichloropropane	15.01	76	353153	9.97	ug/l	99
63)	Tetrachloroethene	16.12	164	179395	9.46	ug/l	99
64)	Dibromochloromethane	15.44	129	257066	9.52	ug/l	98
65)	1,2-Dibromoethane	15.84	107	238267	9.46	ug/l	99
66)	1-Chlorohexane	17.15	91	241642	9.35	ug/l	93
67)	Chlorobenzene	17.24	112	783065	9.68	ug/l	98
68)	1,1,1,2-Tetrachloroethane	17.11	131	227473	9.54	ug/l	98
69)	Ethylbenzene	17.58	91	1089251	9.68	ug/l	97
70)	Xylene P,M	17.91	106	864402	19.54	ug/l	100
71)	Xylene O	18.61	106	438565	9.80	ug/l	99
72)	Styrene	18.49	104	703852	9.67	ug/l	96
73)	Bromoform	18.07	173	138379	8.79	ug/l	98
77)	Trans-1,4-Dichloro-2-Buten	18.94	53	29949	8.65	ug/l	89
78)	1,2,3-Trichloropropane	18.86	75	162109	9.78	ug/l	98
79)	Isopropylbenzene	19.32	105	713218	8.28	ug/l	98
80)	Bromobenzene	19.78	156	270942	10.01	ug/l	95
81)	1,1,2,2-Tetrachloroethane	18.59	83	262401	9.59	ug/l	99
82)	n-Propylbenzene	20.18	91	910943	9.55	ug/l	99
83)	2-Chlorotoluene	20.33	91	660607	9.75	ug/l	99
84)	4-Chlorotoluene	20.47	91	680929	9.69	ug/l	98
85)	1,3,5-Trimethylbenzene	20.69	105	665841	9.98	ug/l	100
86)	Pentachloroethane	20.76	119	163170	9.54	ug/l	98
87)	tert-Butylbenzene	21.11	119	479709	9.79	ug/l	99
88)	1,2,4-Trimethylbenzene	21.27	105	706716	9.85	ug/l	99
89)	sec-Butylbenzene	21.42	105	799389	10.29	ug/l	99
90)	1,3 Dichlorobenzene	21.49	146	421040	10.01	ug/l	99
91)	4-Isopropyltoluene	21.67	119	601295	9.67	ug/l	98
92)	1,4 Dichlorobenzene	21.58	146	447096	9.65	ug/l	94
93)	n-Butylbenzene	22.19	91	578422	10.55	ug/l	99
94)	1,2 Dichlorobenzene	22.04	146	391308	9.63	ug/l	98
95)	1,2-Dibromo-3-Chloropropan	22.64	75	22791	9.24	ug/l	97
96)	Hexachloroethane	22.71	117	136324	10.44	ug/l	87
97)	1,3,5-Trichlorobenzene	23.75	180	257169	11.18	ug/l	99
98)	1,2,4-Trichlorobenzene	24.48	180	214397	10.44	ug/l	100
99)	Hexachlorobutadiene	24.93	225	99229	11.24	ug/l	99
100)	Naphthalene	24.84	128	355748	9.59	ug/l	100
101)	1,2,3-Trichlorobenzene	25.14	180	182175	11.32	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337502.D Vial: 3
Acq On : 4 Dec 2009 9:16 am Operator: MD
Sample : BL90410-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:50 2009 Quant Results File: AQ110909.RES

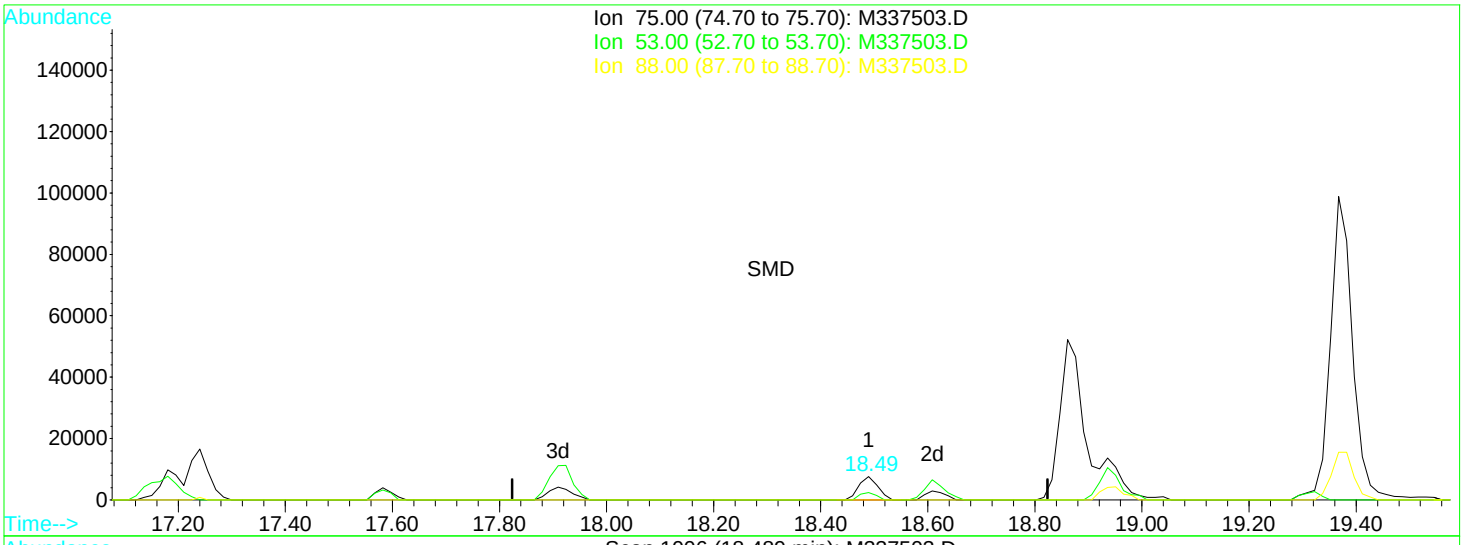
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

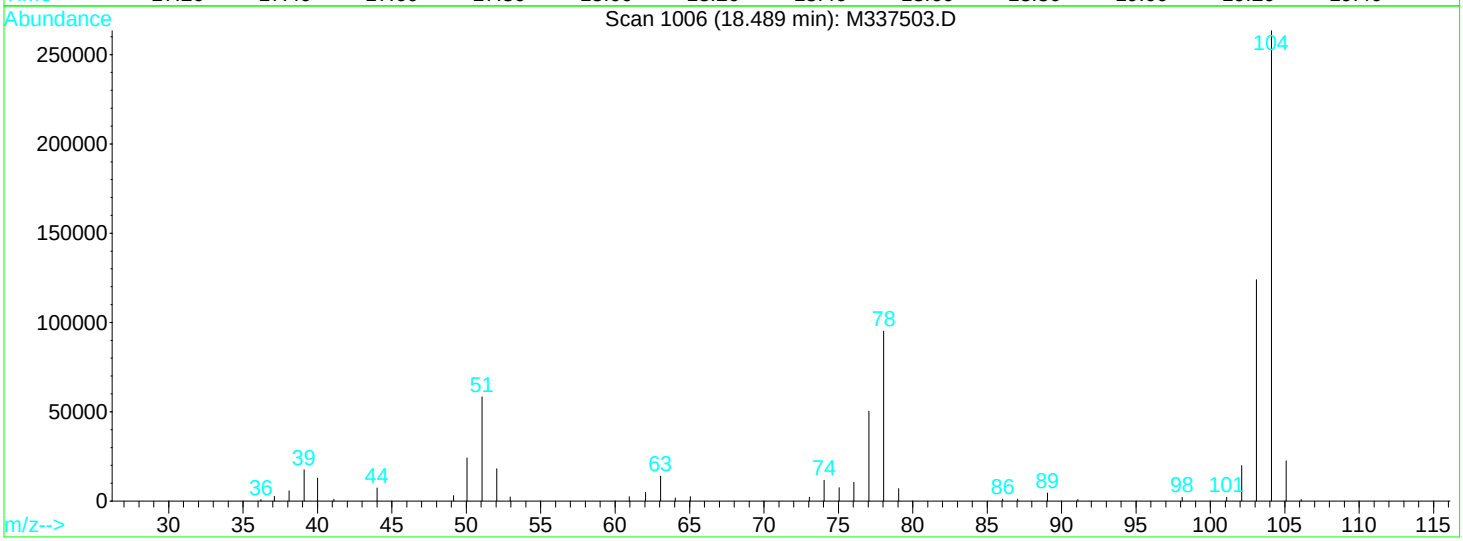


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:27 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337503.D

(74) cis-1,4-Dichloro-2-butene

18.49min 6.46ug/l

response 18806

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	31.65#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:51 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2965335	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	1990688	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	726839	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	831879	22.71	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.84%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	456690	22.74	ug/l	0.00
Spiked Amount 25.000			Recovery = 90.96%			
59) Toluene-d8 (SURR)	14.82	98	2428904	23.67	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.68%			
75) Bromofluorobenzene (SURR)	19.37	95	813225	23.09	ug/l	-0.01
Spiked Amount 25.000			Recovery = 92.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.66	85	245572	9.67	ug/l	99
3) Chloromethane	3.94	50	308948	10.03	ug/l	99
4) Vinyl Chloride	4.24	62	251885	9.97	ug/l	100
5) Bromomethane	4.86	94	170305	9.67	ug/l	99
6) Chloroethane	5.10	64	153641	10.84	ug/l	99
7) Trichlorofluoromethane	6.01	101	342183	10.06	ug/l	95
8) Diethyl ether	6.43	59	160954	9.70	ug/l	98
9) Acrolein	6.03	56	25345	12.45	ug/l	95
10) Acetone	6.25	58	73371	60.11	ug/l	96
11) Iodomethane	6.90	142	392445	10.36	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.20	101	249933	9.48	ug/l	98
13) Methyl Acetate	7.24	43	133718	9.34	ug/l	99
14) Allyl Chloride	7.26	41	439252	9.56	ug/l	91
15) Carbon Disulfide	7.41	76	1022338	10.62	ug/l	99
16) 1,1-Dichloroethene	6.86	96	266984	9.63	ug/l	95
17) Methylene Chloride	7.11	84	349264	10.08	ug/l	98
18) Methyl tert-Butyl Ether	8.36	73	369712	9.08	ug/l	98
19) Acrylonitrile	7.01	53	57929	9.58	ug/l	93
20) trans-1,2-Dichloroethene	8.15	96	307288	9.98	ug/l	100
21) 1,1-Dichloroethane	8.54	63	464942	9.94	ug/l	97
22) Vinyl Acetate	8.81	43	410600	9.19	ug/l	97
24) 2-Butanone	9.27	72	68055	48.40	ug/l #	10
25) Di-isopropyl ether	9.28	45	928888	9.54	ug/l	90
26) Methacrylonitrile	9.40	41	110254	8.82	ug/l	99
27) cis-1,2 Dichloroethene	9.43	96	335828	9.36	ug/l	95
28) Methyl Acrylate	9.91	55	153225	9.70	ug/l	99
29) Ethyl tertiary-butyl ether	9.89	59	537634	9.10	ug/l	97
30) 2,2-Dichloropropane	9.88	77	236831	9.41	ug/l	94
31) Bromochloromethane	9.68	128	151428	9.23	ug/l	94
32) Tetrahydrofuran	10.31	42	43745	9.48	ug/l	76
33) Chloroform	9.76	83	458633	9.64	ug/l	99
35) 1-Chlorobutane	10.92	56	409326	9.63	ug/l	96
36) 1,1,1-Trichloroethane	10.92	97	322608	9.56	ug/l	99
37) 1,1-Dichloropropene	11.22	75	301980	9.37	ug/l	96
38) Cyclohexane	11.35	56	290182	9.50	ug/l	98
39) Carbon Tetrachloride	11.48	117	273031	9.47	ug/l	99
40) Benzene	11.56	78	1072184	9.71	ug/l	100
42) 1,2-Dichloroethane	10.77	62	224489	9.62	ug/l	95
43) Tertiary-amyl methyl ether	11.84	73	426423	9.25	ug/l	95
44) Trichloroethene	12.57	95	296090	9.58	ug/l	98
45) 1,2-Dichloropropane	12.50	63	278418	9.81	ug/l	99
46) Dibromomethane	12.44	93	173315	8.87	ug/l	98
47) 2-Nitropropane	12.60	43	29444	8.47	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:51 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

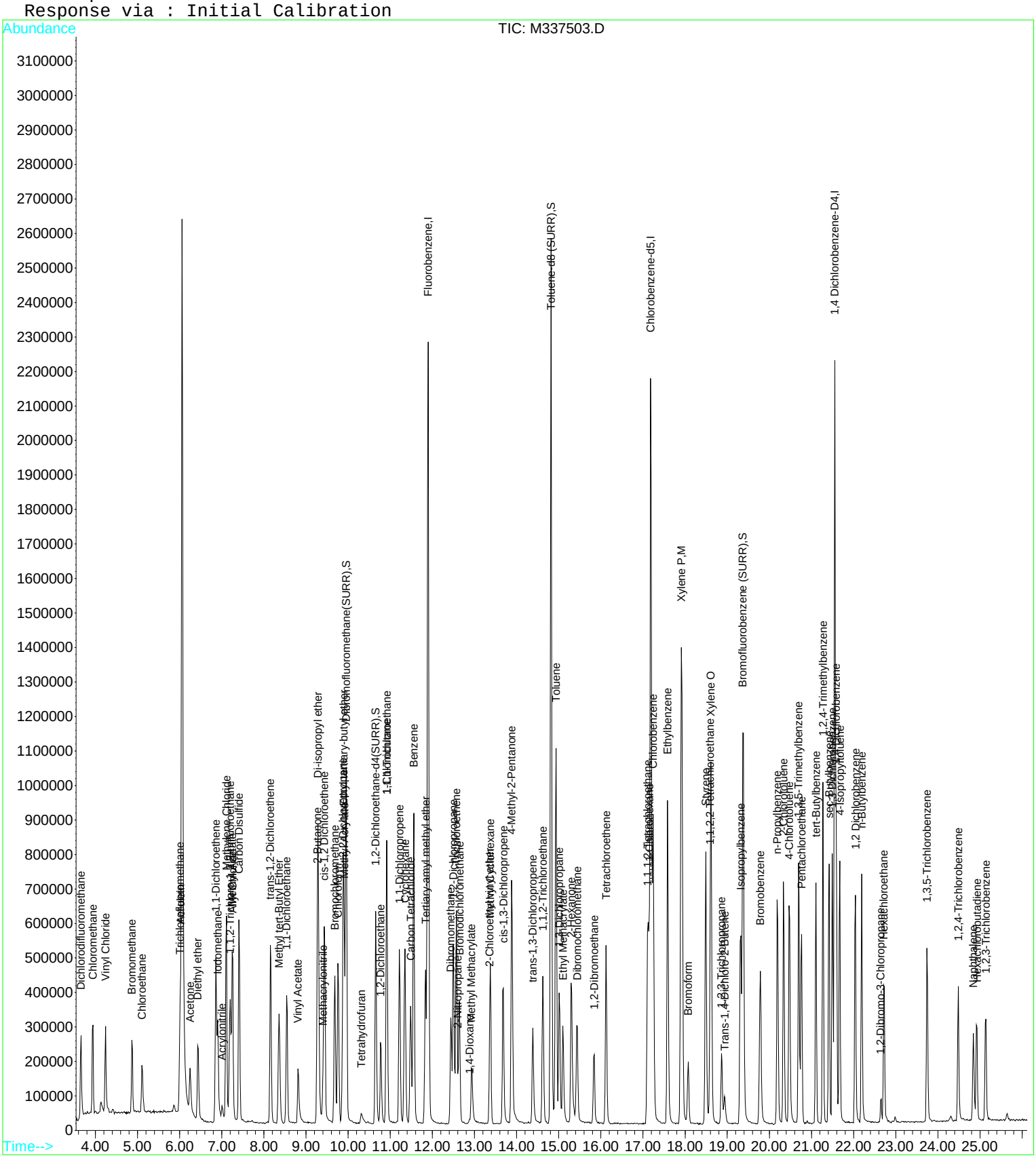
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.64	83	321564	9.68	ug/l		96
49)	1,4-Dioxane	12.88	88	20357	250.83	ug/l		83
50)	Methyl Methacrylate	12.93	41	148940	9.25	ug/l		97
51)	2-Chloroethyl vinyl ether	13.36	63	15654	9.40	ug/l		76
52)	Methyl Cyclohexane	13.37	83	231054	9.60	ug/l		99
53)	4-Methyl-2-Pentanone	13.88	58	275726	44.92	ug/l		99
54)	cis-1,3-Dichloropropene	13.69	75	331652	9.43	ug/l		94
55)	trans-1,3-Dichloropropene	14.38	75	208010	8.03	ug/l		95
56)	1,1,2-Trichloroethane	14.62	83	184018	9.36	ug/l		95
57)	Toluene	14.93	92	691885	9.70	ug/l		97
60)	Ethyl Methacrylate	15.10	69	201651	9.77	ug/l		96
61)	2-Hexanone	15.29	43	563484	48.63	ug/l		99
62)	1,3-Dichloropropane	15.01	76	329295	9.50	ug/l		99
63)	Tetrachloroethene	16.12	164	173350	9.34	ug/l		98
64)	Dibromochloromethane	15.44	129	239398	9.06	ug/l		99
65)	1,2-Dibromoethane	15.84	107	222086	9.02	ug/l		99
66)	1-Chlorohexane	17.15	91	233126	9.22	ug/l		97
67)	Chlorobenzene	17.24	112	751829	9.50	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.11	131	217753	9.33	ug/l		100
69)	Ethylbenzene	17.58	91	1054025	9.58	ug/l		100
70)	Xylene P,M	17.91	106	820319	18.95	ug/l		96
71)	Xylene O	18.61	106	425596	9.72	ug/l		98
72)	Styrene	18.49	104	666681	9.36	ug/l		94
73)	Bromoform	18.07	173	133059	8.64	ug/l		96
77)	Trans-1,4-Dichloro-2-Buten	18.94	53	28722	8.47	ug/l	#	76
78)	1,2,3-Trichloropropane	18.86	75	158617	9.68	ug/l		98
79)	Isopropylbenzene	19.32	105	690793	8.11	ug/l		97
80)	Bromobenzene	19.78	156	261013	9.76	ug/l		94
81)	1,1,2,2-Tetrachloroethane	18.59	83	250367	9.25	ug/l		97
82)	n-Propylbenzene	20.19	91	880304	9.34	ug/l		99
83)	2-Chlorotoluene	20.33	91	641573	9.58	ug/l		99
84)	4-Chlorotoluene	20.47	91	662272	9.54	ug/l		100
85)	1,3,5-Trimethylbenzene	20.69	105	644023	9.77	ug/l		99
86)	Pentachloroethane	20.77	119	160926	9.52	ug/l		99
87)	tert-Butylbenzene	21.11	119	452858	9.35	ug/l		97
88)	1,2,4-Trimethylbenzene	21.27	105	678338	9.57	ug/l		99
89)	sec-Butylbenzene	21.42	105	757036	9.86	ug/l		99
90)	1,3 Dichlorobenzene	21.49	146	408888	9.83	ug/l		98
91)	4-Isopropyltoluene	21.67	119	571483	9.30	ug/l		98
92)	1,4 Dichlorobenzene	21.58	146	432575	9.44	ug/l		95
93)	n-Butylbenzene	22.19	91	547829	10.11	ug/l		96
94)	1,2 Dichlorobenzene	22.04	146	383183	9.54	ug/l		99
95)	1,2-Dibromo-3-Chloropropan	22.64	75	21739	8.91	ug/l		88
96)	Hexachloroethane	22.71	117	124398	9.64	ug/l		87
97)	1,3,5-Trichlorobenzene	23.74	180	235191	10.34	ug/l		95
98)	1,2,4-Trichlorobenzene	24.48	180	193682	9.54	ug/l		99
99)	Hexachlorobutadiene	24.93	225	95861	10.99	ug/l		98
100)	Naphthalene	24.84	128	320176	8.73	ug/l		100
101)	1,2,3-Trichlorobenzene	25.14	180	163761	10.29	ug/l		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337503.D Vial: 4
Acq On : 4 Dec 2009 9:48 am Operator: MD
Sample : BL90410-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:51 2009 Quant Results File: AQ110909.RES

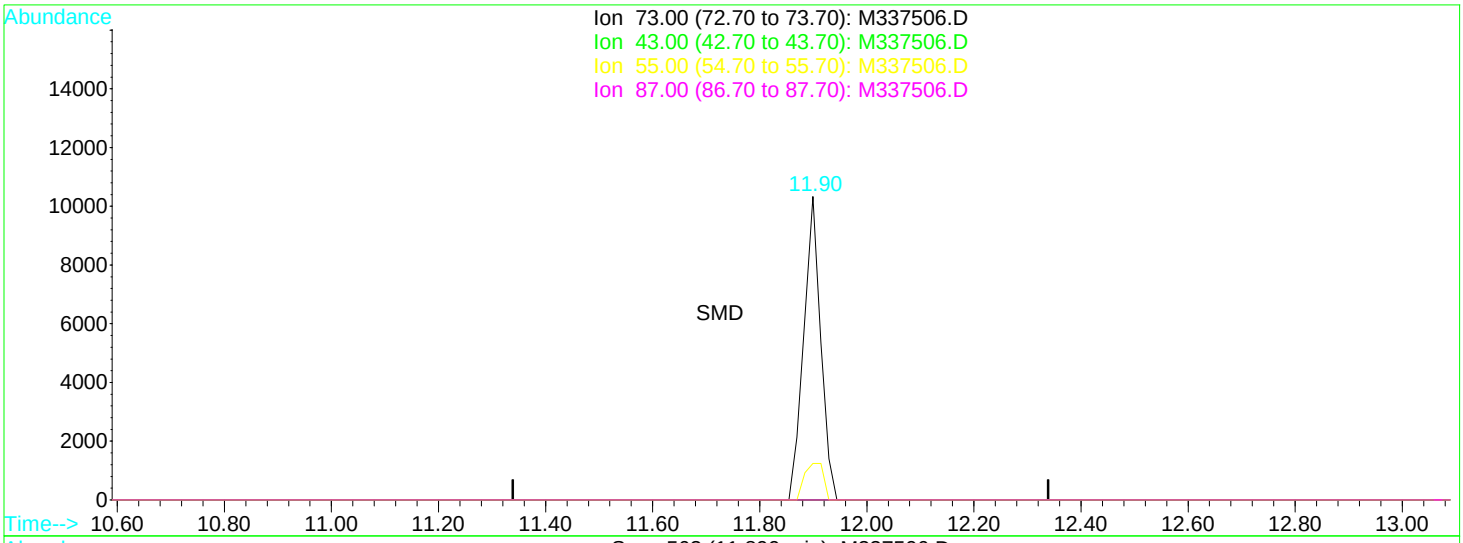
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

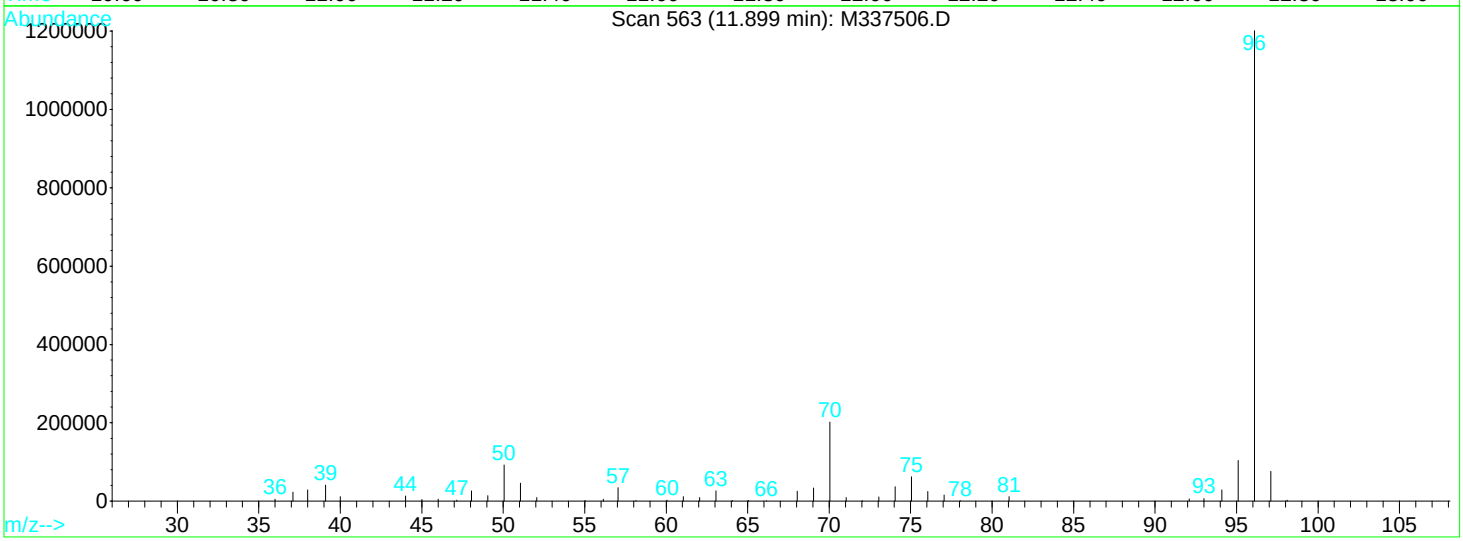


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 11:53 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337506.D

(43) Tertiary-amyl methyl ether

11.90min 0.51ug/l

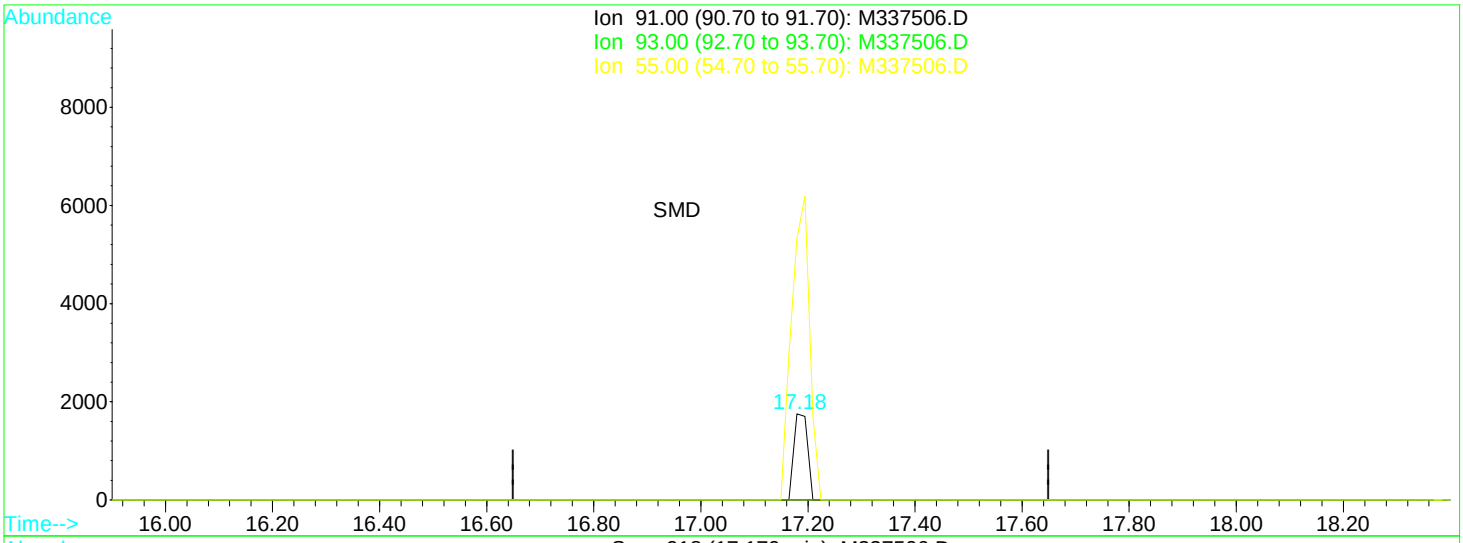
response 22703

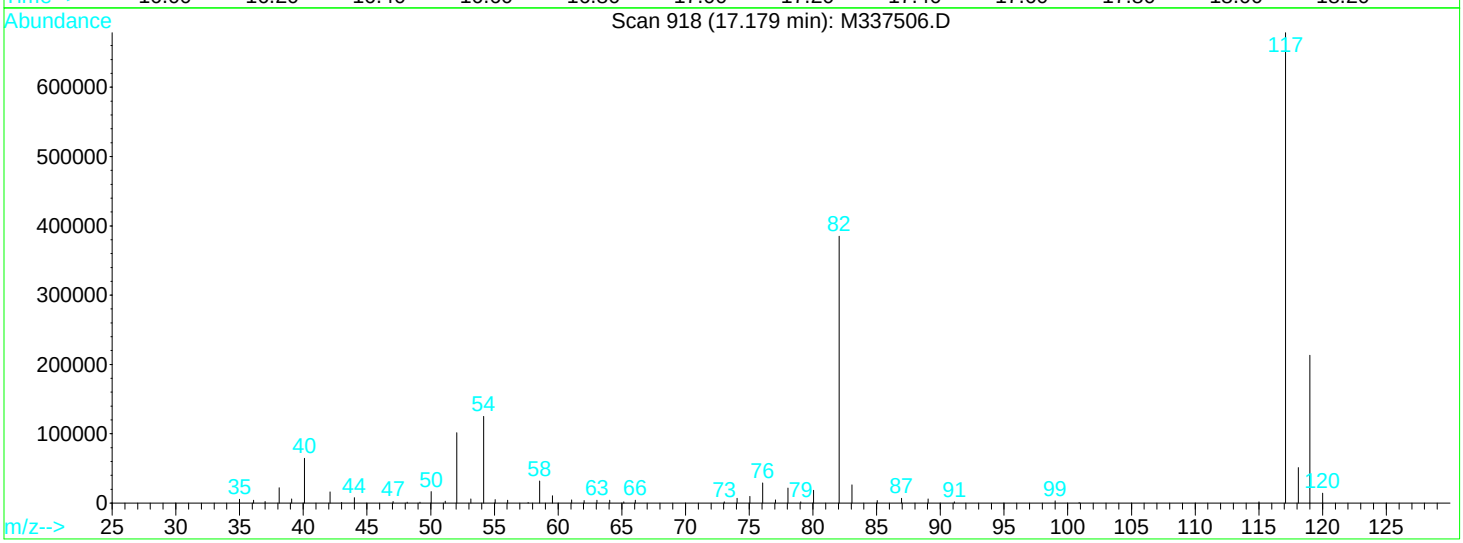
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	11.98
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:04 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337506.D

(66) 1-Chlorohexane

17.18min 0.12ug/l

response 3081

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	304.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:04 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	2855453	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.19	117	1992750	25.00	ug/l	0.01
76) 1,4 Dichlorobenzene-D4	21.55	152	718771	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	790036	22.40	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.60%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	459898	23.79	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.16%			
59) Toluene-d8 (SURR)	14.81	98	2412959	23.49	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.96%			
75) Bromofluorobenzene (SURR)	19.38	95	818189	23.20	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.80%			

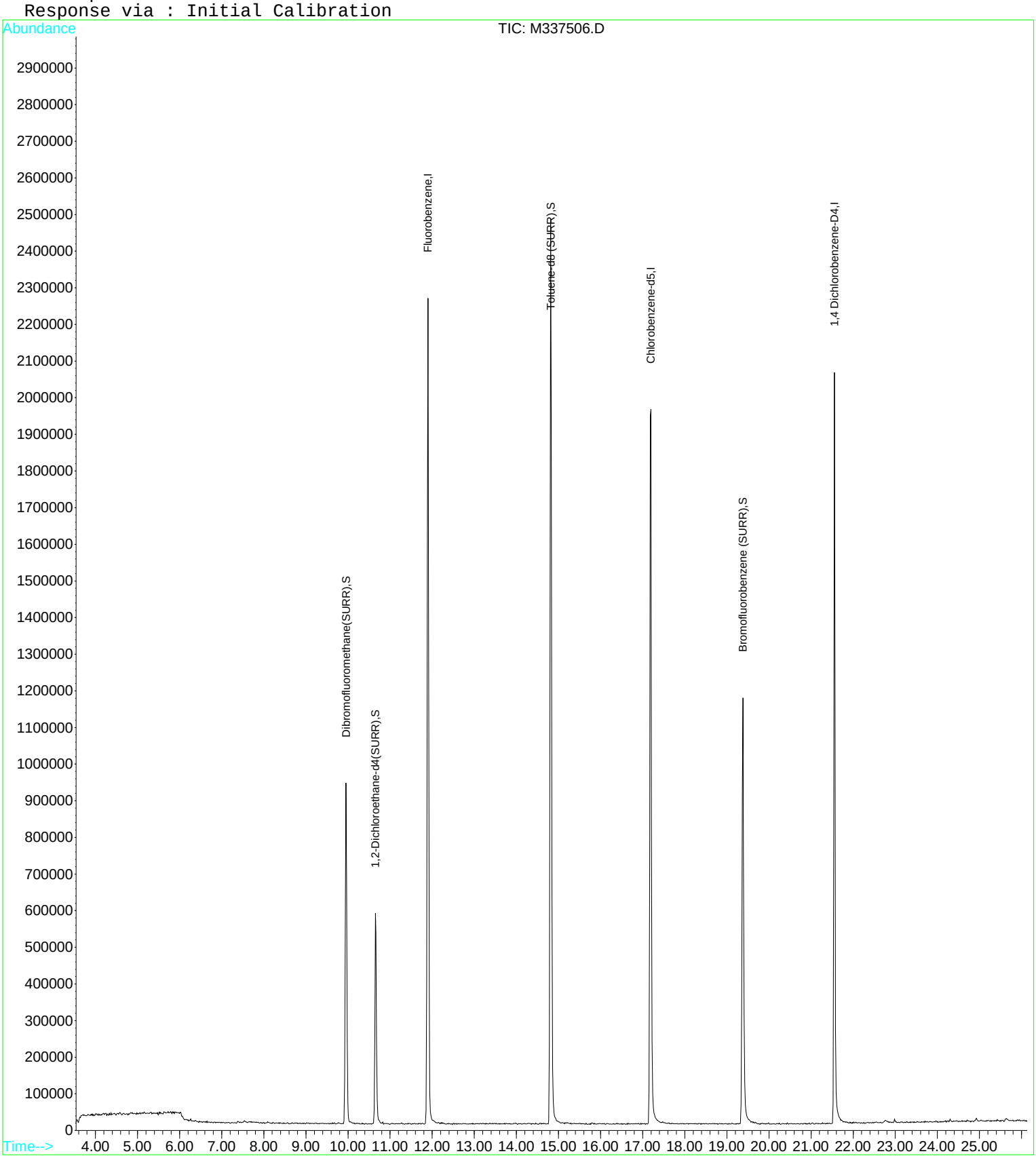
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337506.D Vial: 7
Acq On : 4 Dec 2009 11:23 am Operator: MD
Sample : BL90410-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:04 2009 Quant Results File: AQ110909.RES

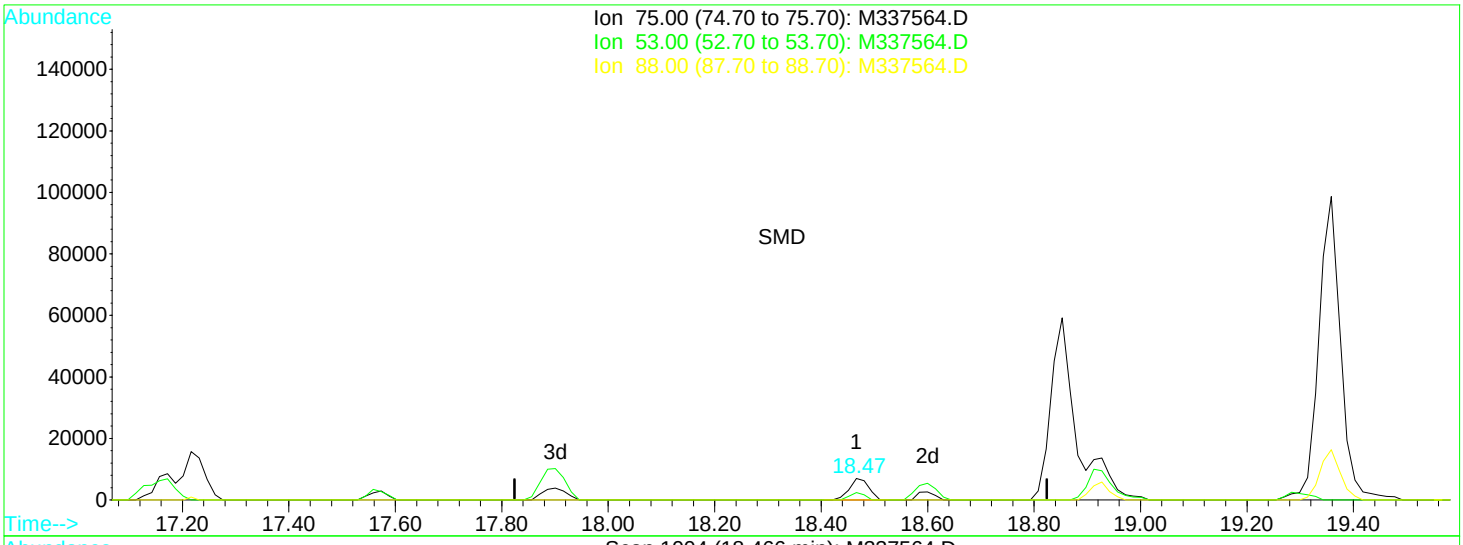
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

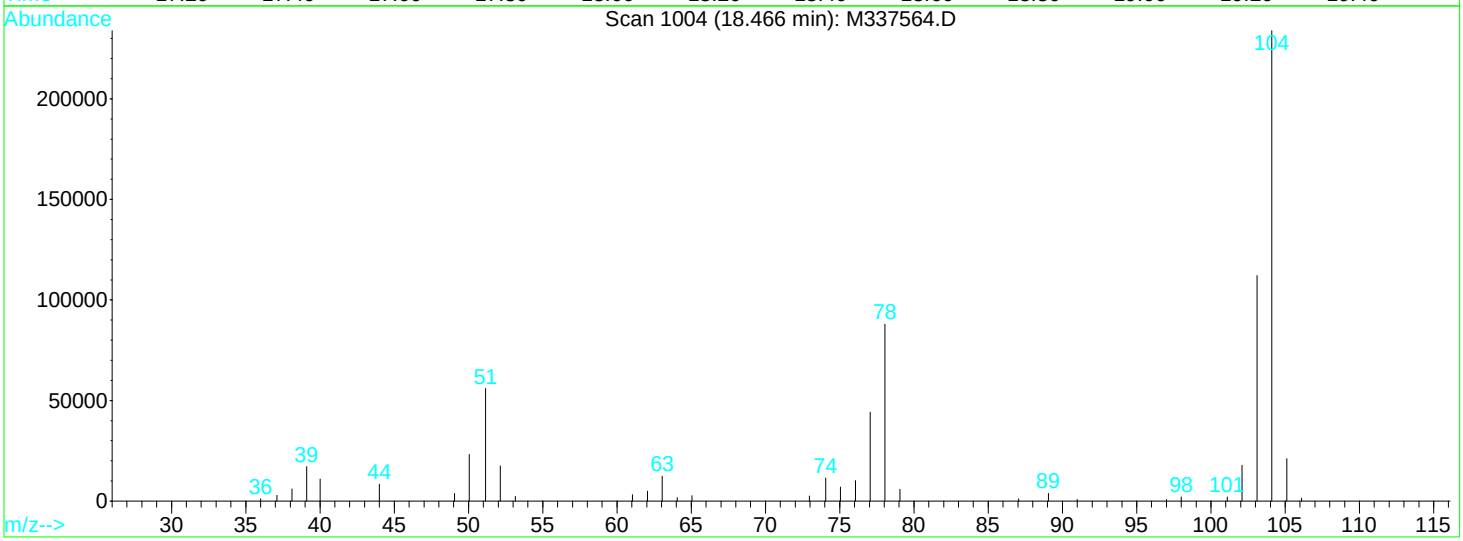


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337564.D Vial: 3
Acq On : 8 Dec 2009 9:21 am Operator: MD
Sample : BL90815-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:51 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337564.D

(74) cis-1,4-Dichloro-2-butene

18.47min 6.44ug/l

response 17589

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	34.60#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337564.D Vial: 3
Acq On : 8 Dec 2009 9:21 am Operator: MD
Sample : BL90815-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:27 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.88	96	2787033	25.00	ug/l		-0.02
58) Chlorobenzene-d5	17.17	117	1878382	25.00	ug/l		0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	698188	25.00	ug/l		0.00
System Monitoring Compounds							
34) Dibromofluoromethane(SURR)	9.93	111	785007	22.80	ug/l		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.20%				
41) 1,2-Dichloroethane-d4(SURR	10.64	65	453576	24.03	ug/l		0.00
Spiked Amount 25.000			Recovery = 96.12%				
59) Toluene-d8 (SURR)	14.81	98	2277608	23.52	ug/l		0.00
Spiked Amount 25.000			Recovery = 94.08%				
75) Bromofluorobenzene (SURR)	19.36	95	781558	23.51	ug/l		-0.02
Spiked Amount 25.000			Recovery = 94.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	217278	9.11	ug/l		99
3) Chloromethane	3.92	50	293820	10.15	ug/l		99
4) Vinyl Chloride	4.23	62	237974	10.02	ug/l		99
5) Bromomethane	4.86	94	151408	9.14	ug/l		97
6) Chloroethane	5.09	64	145683	10.94	ug/l		99
7) Trichlorofluoromethane	6.00	101	272558	8.52	ug/l		97
8) Diethyl ether	6.42	59	152246	9.76	ug/l		97
9) Acrolein	6.02	56	18578	10.11	ug/l		94
10) Acetone	6.22	58	49958	43.54	ug/l	#	84
11) Iodomethane	6.89	142	345322	9.70	ug/l		99
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	233372	9.42	ug/l		92
13) Methyl Acetate	7.22	43	139643	10.38	ug/l		99
14) Allyl Chloride	7.24	41	415099	9.61	ug/l		98
15) Carbon Disulfide	7.40	76	956504	10.57	ug/l		100
16) 1,1-Dichloroethene	6.85	96	251138	9.64	ug/l		96
17) Methylene Chloride	7.09	84	342264	10.51	ug/l		94
18) Methyl tert-Butyl Ether	8.35	73	356215	9.31	ug/l		95
19) Acrylonitrile	6.98	53	58654	10.29	ug/l		99
20) trans-1,2-Dichloroethene	8.14	96	292044	10.09	ug/l		93
21) 1,1-Dichloroethane	8.53	63	436813	9.93	ug/l		99
22) Vinyl Acetate	8.80	43	383397	9.13	ug/l		100
24) 2-Butanone	9.26	72	63196	47.82	ug/l	#	1
25) Di-isopropyl ether	9.27	45	887932	9.70	ug/l		94
26) Methacrylonitrile	9.39	41	118280	10.07	ug/l		95
27) cis-1,2 Dichloroethene	9.42	96	319584	9.47	ug/l		95
28) Methyl Acrylate	9.88	55	149615	10.08	ug/l		99
29) Ethyl tertiary-butyl ether	9.88	59	515839	9.29	ug/l		97
30) 2,2-Dichloropropane	9.87	77	229903	9.71	ug/l		83
31) Bromochloromethane	9.66	128	145453	9.44	ug/l	#	84
32) Tetrahydrofuran	10.30	42	39022	9.00	ug/l		92
33) Chloroform	9.75	83	438193	9.80	ug/l		98
35) 1-Chlorobutane	10.90	56	385616	9.66	ug/l		95
36) 1,1,1-Trichloroethane	10.91	97	303787	9.58	ug/l		96
37) 1,1-Dichloropropene	11.21	75	286486	9.46	ug/l		99
38) Cyclohexane	11.33	56	264936	9.23	ug/l		93
39) Carbon Tetrachloride	11.48	117	250351	9.24	ug/l		97
40) Benzene	11.53	78	1015258	9.79	ug/l		100
42) 1,2-Dichloroethane	10.76	62	215522	9.83	ug/l		98
43) Tertiary-amyl methyl ether	11.82	73	404992	9.35	ug/l		92
44) Trichloroethene	12.55	95	271150	9.34	ug/l		95
45) 1,2-Dichloropropane	12.49	63	262227	9.83	ug/l		99
46) Dibromomethane	12.43	93	172670	9.40	ug/l		94
47) 2-Nitropropane	12.59	43	27577	8.44	ug/l		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337564.D Vial: 3
Acq On : 8 Dec 2009 9:21 am Operator: MD
Sample : BL90815-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:27 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

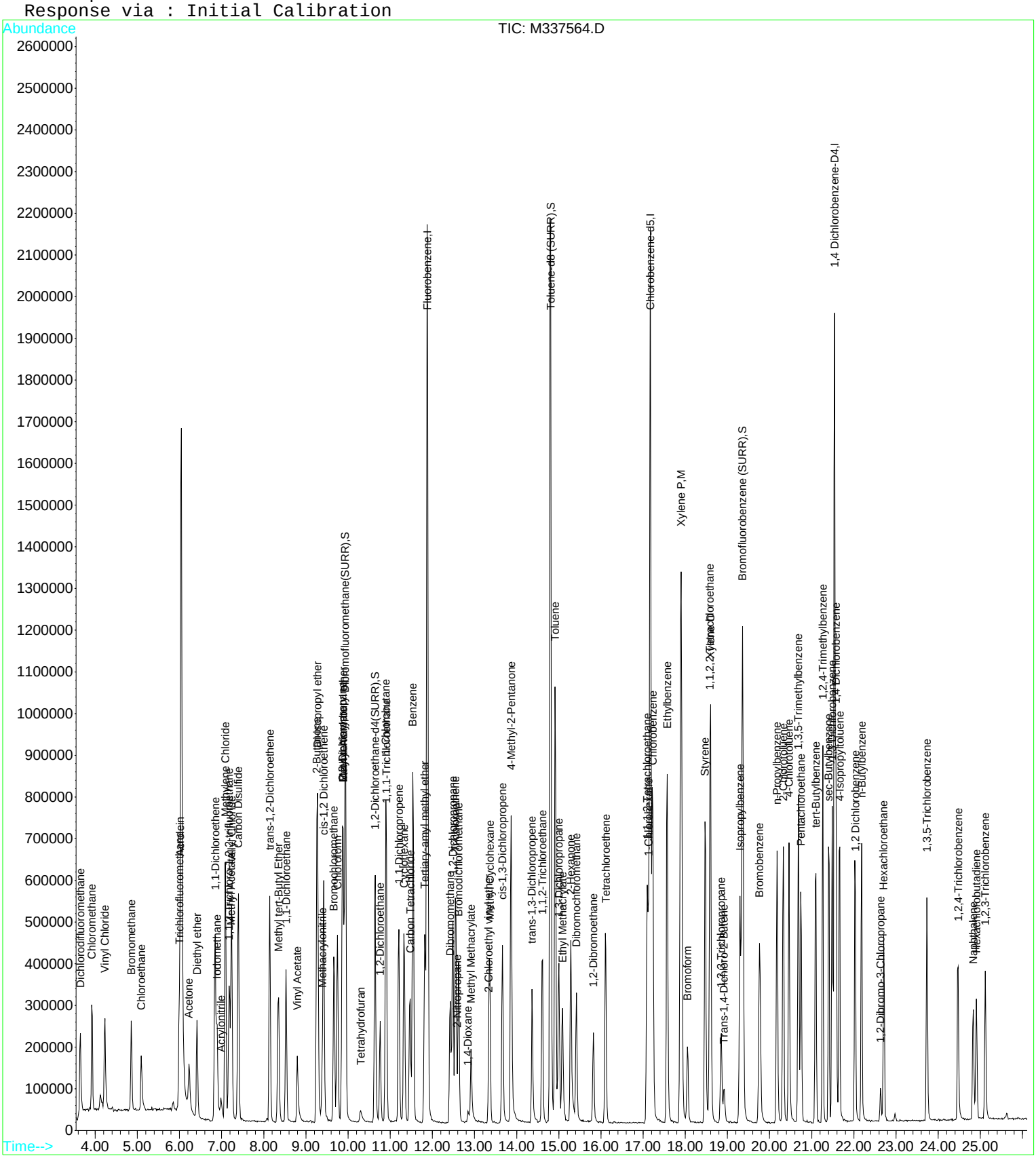
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.62	83	310613	9.94	ug/l		96
49)	1,4-Dioxane	12.84	88	39030	474.42	ug/l		94
50)	Methyl Methacrylate	12.92	41	147135	9.72	ug/l		95
51)	2-Chloroethyl vinyl ether	13.33	63	19254	12.31	ug/l		84
52)	Methyl Cyclohexane	13.36	83	204085	9.03	ug/l		96
53)	4-Methyl-2-Pentanone	13.87	58	283372	49.12	ug/l		92
54)	cis-1,3-Dichloropropene	13.66	75	320017	9.68	ug/l		98
55)	trans-1,3-Dichloropropene	14.36	75	221656	9.11	ug/l		97
56)	1,1,2-Trichloroethane	14.61	83	180663	9.78	ug/l		98
57)	Toluene	14.91	92	665988	9.94	ug/l		96
60)	Ethyl Methacrylate	15.09	69	203257	10.32	ug/l		99
61)	2-Hexanone	15.28	43	549397	49.99	ug/l		100
62)	1,3-Dichloropropane	15.00	76	328874	10.06	ug/l		97
63)	Tetrachloroethene	16.12	164	161487	9.22	ug/l		94
64)	Dibromochloromethane	15.42	129	238774	9.57	ug/l		97
65)	1,2-Dibromoethane	15.82	107	219389	9.44	ug/l		97
66)	1-Chlorohexane	17.13	91	209839	8.79	ug/l		89
67)	Chlorobenzene	17.23	112	725407	9.71	ug/l		98
68)	1,1,1,2-Tetrachloroethane	17.10	131	203861	9.26	ug/l		96
69)	Ethylbenzene	17.57	91	986321	9.50	ug/l		98
70)	Xylene P,M	17.90	106	786535	19.26	ug/l		97
71)	Xylene O	18.60	106	398229	9.63	ug/l		97
72)	Styrene	18.47	104	639233	9.51	ug/l		91
73)	Bromoform	18.05	173	134845	9.27	ug/l		96
77)	Trans-1,4-Dichloro-2-Buten	18.91	53	32162	9.46	ug/l	#	80
78)	1,2,3-Trichloropropane	18.85	75	163565	10.40	ug/l		98
79)	Isopropylbenzene	19.30	105	639903	7.82	ug/l		97
80)	Bromobenzene	19.76	156	246468	9.59	ug/l		90
81)	1,1,2,2-Tetrachloroethane	18.58	83	259077	9.97	ug/l		99
82)	n-Propylbenzene	20.18	91	816936	9.02	ug/l		99
83)	2-Chlorotoluene	20.33	91	616871	9.59	ug/l		99
84)	4-Chlorotoluene	20.46	91	638660	9.57	ug/l		95
85)	1,3,5-Trimethylbenzene	20.68	105	603398	9.53	ug/l		98
86)	Pentachloroethane	20.74	119	152328	9.38	ug/l		92
87)	tert-Butylbenzene	21.10	119	423449	9.10	ug/l		99
88)	1,2,4-Trimethylbenzene	21.26	105	636517	9.35	ug/l		97
89)	sec-Butylbenzene	21.40	105	705342	9.56	ug/l		95
90)	1,3 Dichlorobenzene	21.49	146	383741	9.60	ug/l		98
91)	4-Isopropyltoluene	21.66	119	545089	9.24	ug/l		97
92)	1,4 Dichlorobenzene	21.57	146	429251	9.75	ug/l		96
93)	n-Butylbenzene	22.18	91	524468	10.07	ug/l		97
94)	1,2 Dichlorobenzene	22.04	146	367526	9.52	ug/l		97
95)	1,2-Dibromo-3-Chloropropan	22.63	75	27080	11.56	ug/l		88
96)	Hexachloroethane	22.71	117	120351	9.71	ug/l		91
97)	1,3,5-Trichlorobenzene	23.73	180	238746	10.93	ug/l		96
98)	1,2,4-Trichlorobenzene	24.48	180	200354	10.27	ug/l		96
99)	Hexachlorobutadiene	24.91	225	88052	10.50	ug/l		99
100)	Naphthalene	24.83	128	339178	9.63	ug/l		100
101)	1,2,3-Trichlorobenzene	25.11	180	176085	11.52	ug/l		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337564.D Vial: 3
Acq On : 8 Dec 2009 9:21 am Operator: MD
Sample : BL90815-BS1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:27 2009 Quant Results File: AQ110909.RES

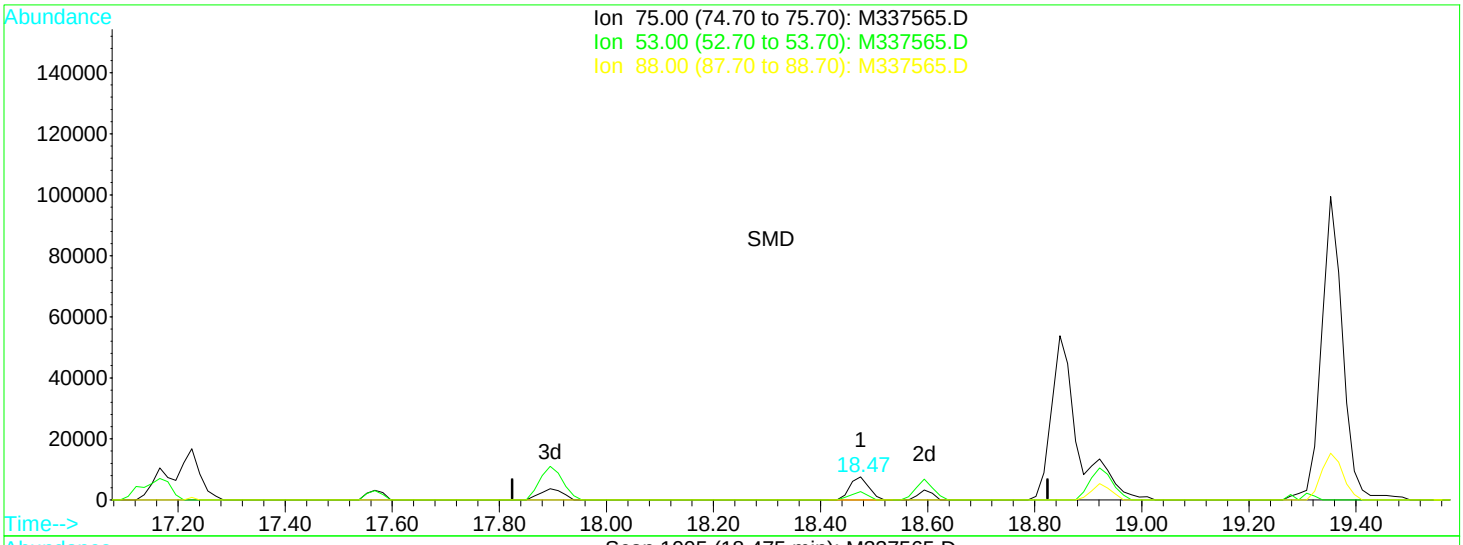
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

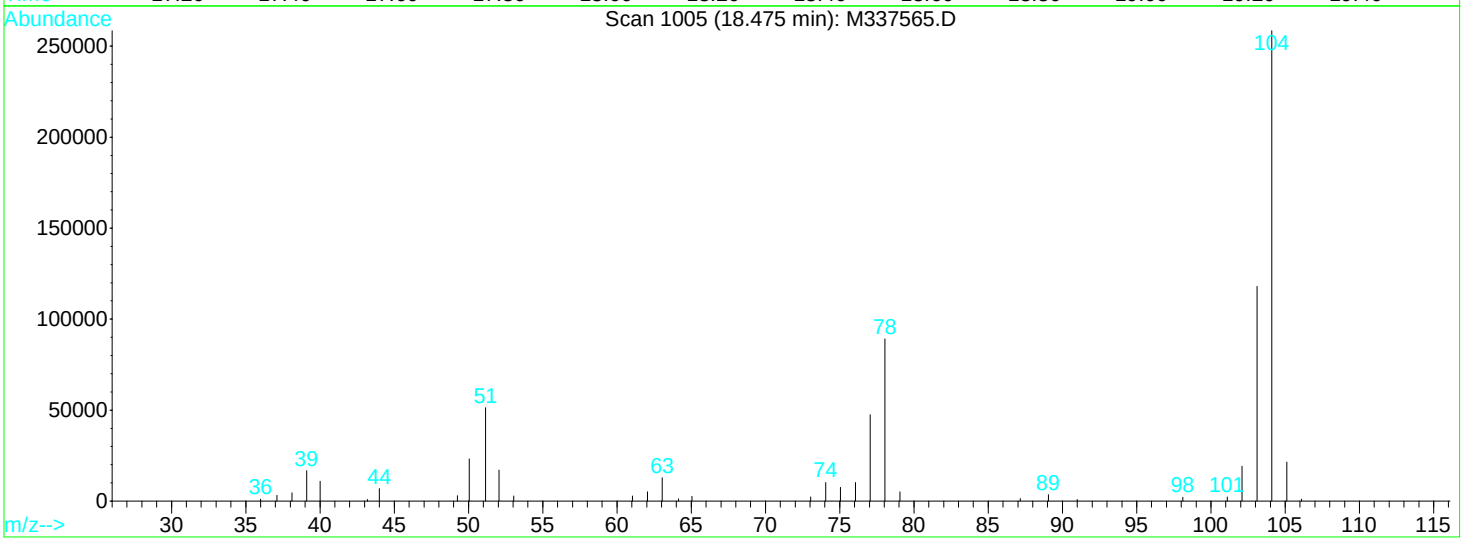


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337565.D Vial: 4
Acq On : 8 Dec 2009 9:53 am Operator: MD
Sample : BL90815-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 10:23 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337565.D

(74) cis-1,4-Dichloro-2-butene

18.47min 6.62ug/l

response 18520

Ion	Exp%	Act%
75.00	100	100
53.00	73.90	36.59#
88.00	75.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337565.D Vial: 4
Acq On : 8 Dec 2009 9:53 am Operator: MD
Sample : BL90815-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:27 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2825179	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.17	117	1843758	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	678813	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	817133	23.41	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.64%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	459420	24.02	ug/l	-0.01
Spiked Amount 25.000			Recovery = 96.08%			
59) Toluene-d8 (SURR)	14.80	98	2261323	23.79	ug/l	-0.01
Spiked Amount 25.000			Recovery = 95.16%			
75) Bromofluorobenzene (SURR)	19.35	95	775753	23.78	ug/l	-0.03
Spiked Amount 25.000			Recovery = 95.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	218306	9.03	ug/l	99
3) Chloromethane	3.93	50	287007	9.78	ug/l	99
4) Vinyl Chloride	4.23	62	234275	9.73	ug/l	99
5) Bromomethane	4.87	94	157039	9.36	ug/l	98
6) Chloroethane	5.09	64	143174	10.60	ug/l	98
7) Trichlorofluoromethane	6.00	101	268881	8.30	ug/l	93
8) Diethyl ether	6.41	59	164459	10.40	ug/l	97
9) Acrolein	6.01	56	18203	9.83	ug/l	91
10) Acetone	6.23	58	65871	56.64	ug/l	90
11) Iodomethane	6.89	142	388713	10.77	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.19	101	231433	9.21	ug/l	94
13) Methyl Acetate	7.23	43	141815	10.40	ug/l	95
14) Allyl Chloride	7.23	41	421695	9.63	ug/l	99
15) Carbon Disulfide	7.39	76	967532	10.55	ug/l	100
16) 1,1-Dichloroethene	6.84	96	254397	9.63	ug/l	98
17) Methylene Chloride	7.10	84	346751	10.50	ug/l	98
18) Methyl tert-Butyl Ether	8.35	73	365263	9.42	ug/l	97
19) Acrylonitrile	6.99	53	57148	9.90	ug/l	97
20) trans-1,2-Dichloroethene	8.14	96	291604	9.94	ug/l	99
21) 1,1-Dichloroethane	8.52	63	451988	10.14	ug/l	99
22) Vinyl Acetate	8.79	43	389922	9.16	ug/l	99
24) 2-Butanone	9.25	72	65866	49.17	ug/l #	1
25) Di-isopropyl ether	9.27	45	910037	9.81	ug/l	92
26) Methacrylonitrile	9.39	41	106423	8.93	ug/l	98
27) cis-1,2 Dichloroethene	9.42	96	329585	9.64	ug/l	98
28) Methyl Acrylate	9.89	55	156482	10.40	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	546334	9.70	ug/l	99
30) 2,2-Dichloropropane	9.86	77	225742	9.41	ug/l	91
31) Bromochloromethane	9.67	128	148409	9.50	ug/l	94
32) Tetrahydrofuran	10.29	42	41368	9.41	ug/l	87
33) Chloroform	9.74	83	450887	9.94	ug/l	97
35) 1-Chlorobutane	10.90	56	400324	9.89	ug/l	99
36) 1,1,1-Trichloroethane	10.90	97	314378	9.78	ug/l	99
37) 1,1-Dichloropropene	11.20	75	287747	9.37	ug/l	97
38) Cyclohexane	11.34	56	268588	9.23	ug/l	98
39) Carbon Tetrachloride	11.47	117	257840	9.38	ug/l	99
40) Benzene	11.54	78	1035468	9.85	ug/l	100
42) 1,2-Dichloroethane	10.76	62	223300	10.04	ug/l	97
43) Tertiary-amyl methyl ether	11.83	73	417831	9.52	ug/l	94
44) Trichloroethene	12.56	95	284638	9.67	ug/l	99
45) 1,2-Dichloropropane	12.48	63	271530	10.05	ug/l	98
46) Dibromomethane	12.42	93	177296	9.52	ug/l	94
47) 2-Nitropropane	12.58	43	30336	9.14	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337565.D Vial: 4
Acq On : 8 Dec 2009 9:53 am Operator: MD
Sample : BL90815-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:27 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

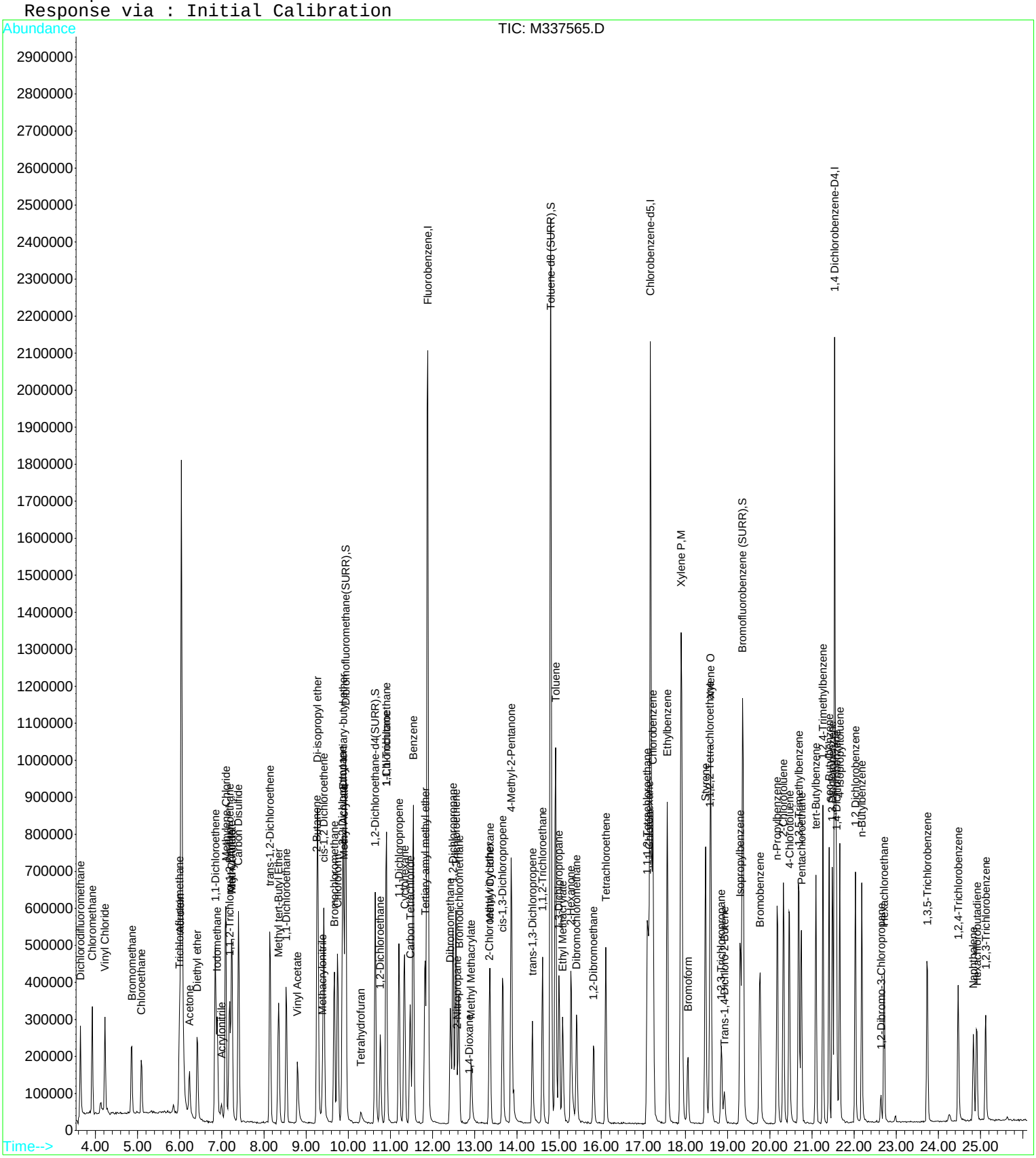
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	Bromodichloromethane	12.63	83	317304	10.02	ug/l		98
49)	1,4-Dioxane	12.87	88	18584	241.84	ug/l		91
50)	Methyl Methacrylate	12.91	41	139190	9.07	ug/l		98
51)	2-Chloroethyl vinyl ether	13.34	63	19618	12.37	ug/l		86
52)	Methyl Cyclohexane	13.36	83	198584	8.66	ug/l		96
53)	4-Methyl-2-Pentanone	13.86	58	285856	48.89	ug/l		94
54)	cis-1,3-Dichloropropene	13.66	75	323093	9.64	ug/l		99
55)	trans-1,3-Dichloropropene	14.37	75	212587	8.62	ug/l		97
56)	1,1,2-Trichloroethane	14.61	83	187300	10.00	ug/l		98
57)	Toluene	14.92	92	658972	9.70	ug/l		98
60)	Ethyl Methacrylate	15.08	69	203226	10.48	ug/l		96
61)	2-Hexanone	15.28	43	541835	50.19	ug/l		97
62)	1,3-Dichloropropane	14.99	76	341042	10.63	ug/l		99
63)	Tetrachloroethene	16.11	164	161482	9.40	ug/l		95
64)	Dibromochloromethane	15.41	129	235738	9.63	ug/l		98
65)	1,2-Dibromoethane	15.81	107	228270	10.00	ug/l		95
66)	1-Chlorohexane	17.14	91	210484	8.98	ug/l		97
67)	Chlorobenzene	17.23	112	721737	9.85	ug/l		97
68)	1,1,1,2-Tetrachloroethane	17.09	131	205047	9.48	ug/l		100
69)	Ethylbenzene	17.57	91	978759	9.60	ug/l		100
70)	Xylene P,M	17.89	106	769901	19.21	ug/l		96
71)	Xylene O	18.59	106	396352	9.77	ug/l		96
72)	Styrene	18.47	104	637265	9.66	ug/l		96
73)	Bromoform	18.06	173	135215	9.47	ug/l		94
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	30696	9.33	ug/l	#	79
78)	1,2,3-Trichloropropane	18.85	75	159051	10.40	ug/l		97
79)	Isopropylbenzene	19.29	105	619945	7.80	ug/l		100
80)	Bromobenzene	19.77	156	244181	9.77	ug/l		97
81)	1,1,2,2-Tetrachloroethane	18.58	83	257718	10.20	ug/l		99
82)	n-Propylbenzene	20.17	91	784880	8.91	ug/l		100
83)	2-Chlorotoluene	20.32	91	615637	9.84	ug/l		99
84)	4-Chlorotoluene	20.47	91	616277	9.50	ug/l		93
85)	1,3,5-Trimethylbenzene	20.69	105	575686	9.35	ug/l		93
86)	Pentachloroethane	20.75	119	146411	9.27	ug/l		97
87)	tert-Butylbenzene	21.09	119	401739	8.88	ug/l		98
88)	1,2,4-Trimethylbenzene	21.26	105	626088	9.46	ug/l		98
89)	sec-Butylbenzene	21.41	105	683055	9.53	ug/l		99
90)	1,3 Dichlorobenzene	21.48	146	377040	9.71	ug/l		99
91)	4-Isopropyltoluene	21.66	119	519371	9.05	ug/l		98
92)	1,4 Dichlorobenzene	21.58	146	416183	9.73	ug/l		99
93)	n-Butylbenzene	22.18	91	479931	9.48	ug/l		99
94)	1,2 Dichlorobenzene	22.03	146	358367	9.55	ug/l		98
95)	1,2-Dibromo-3-Chloropropan	22.64	75	24209	10.63	ug/l	#	46
96)	Hexachloroethane	22.71	117	118913	9.87	ug/l		99
97)	1,3,5-Trichlorobenzene	23.74	180	209960	9.88	ug/l		96
98)	1,2,4-Trichlorobenzene	24.47	180	182553	9.63	ug/l		99
99)	Hexachlorobutadiene	24.92	225	86486	10.61	ug/l		98
100)	Naphthalene	24.83	128	300224	8.76	ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	151342	10.19	ug/l		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337565.D Vial: 4
Acq On : 8 Dec 2009 9:53 am Operator: MD
Sample : BL90815-BSD1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:27 2009 Quant Results File: AQ110909.RES

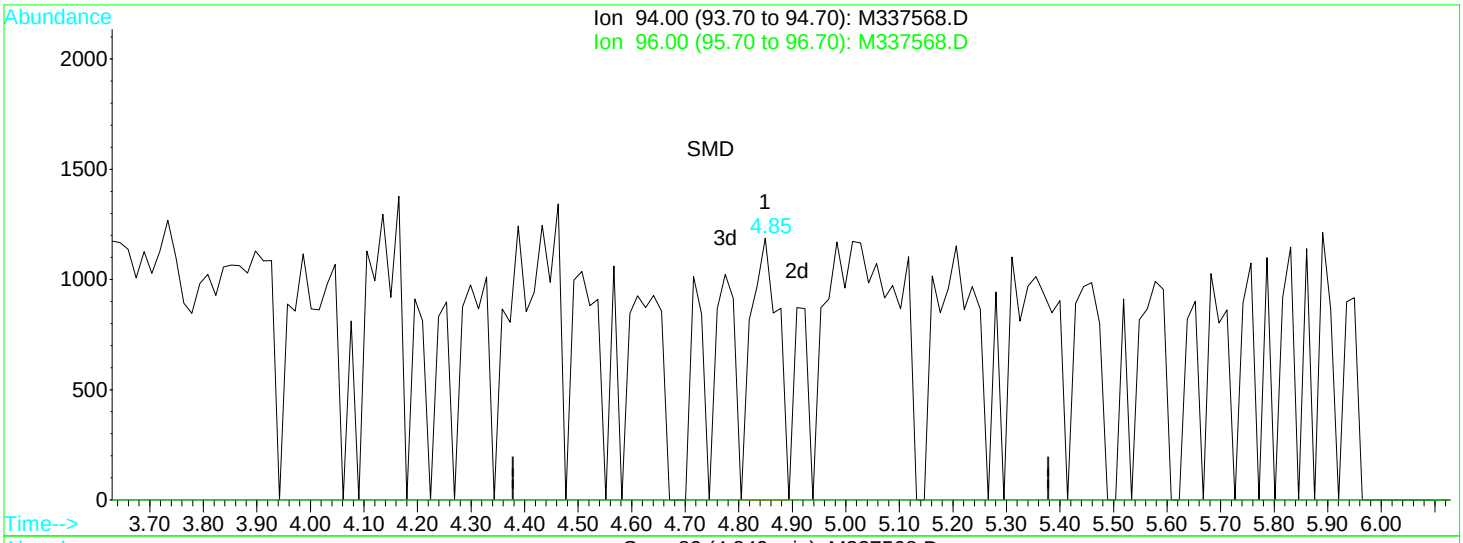
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration

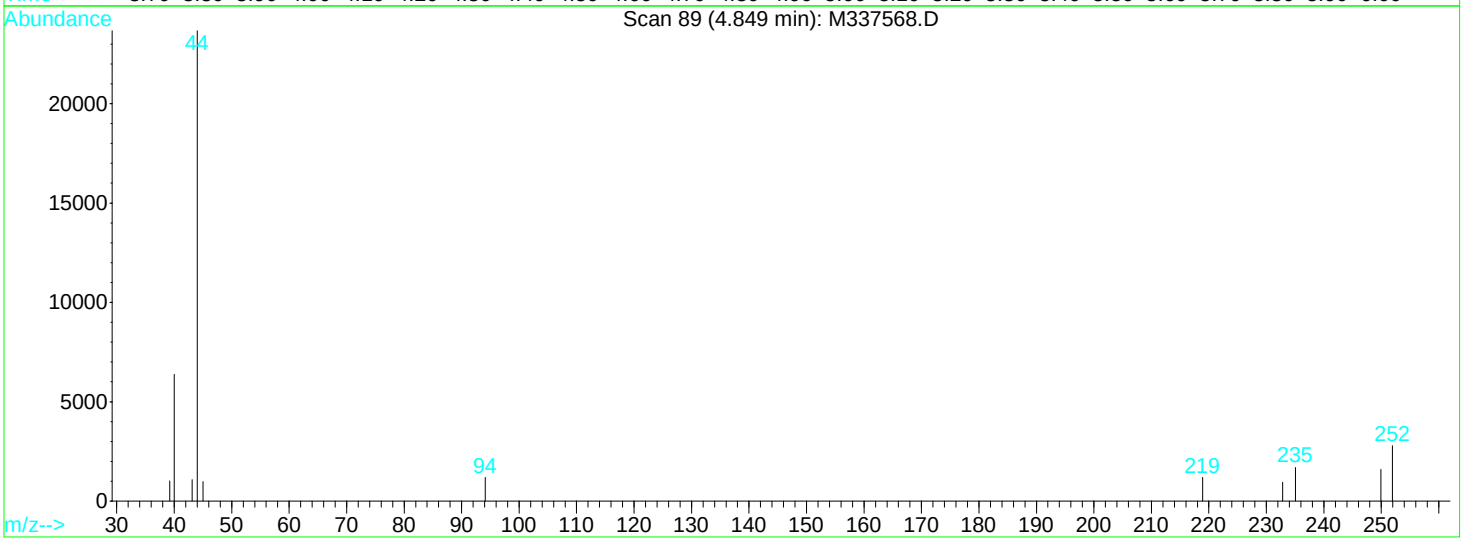


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337568.D Vial: 7
Acq On : 8 Dec 2009 11:28 am Operator: MD
Sample : BL90815-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 11:58 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337568.D

(5) Bromomethane

4.85min 0.26ug/l

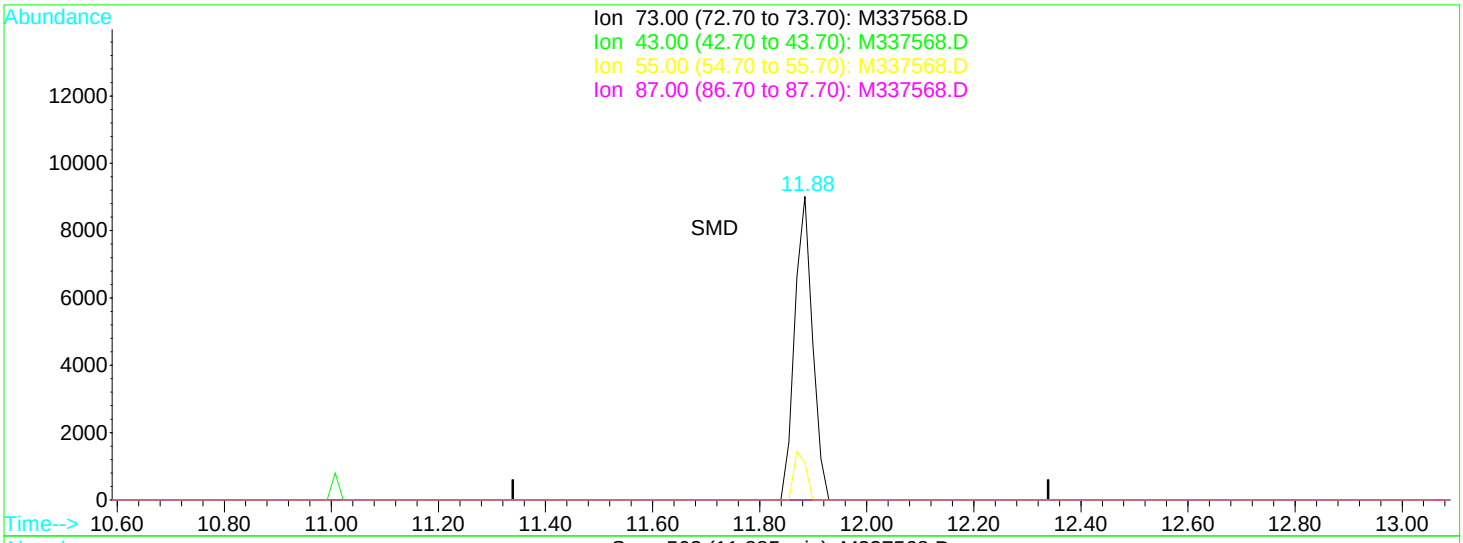
response 4189

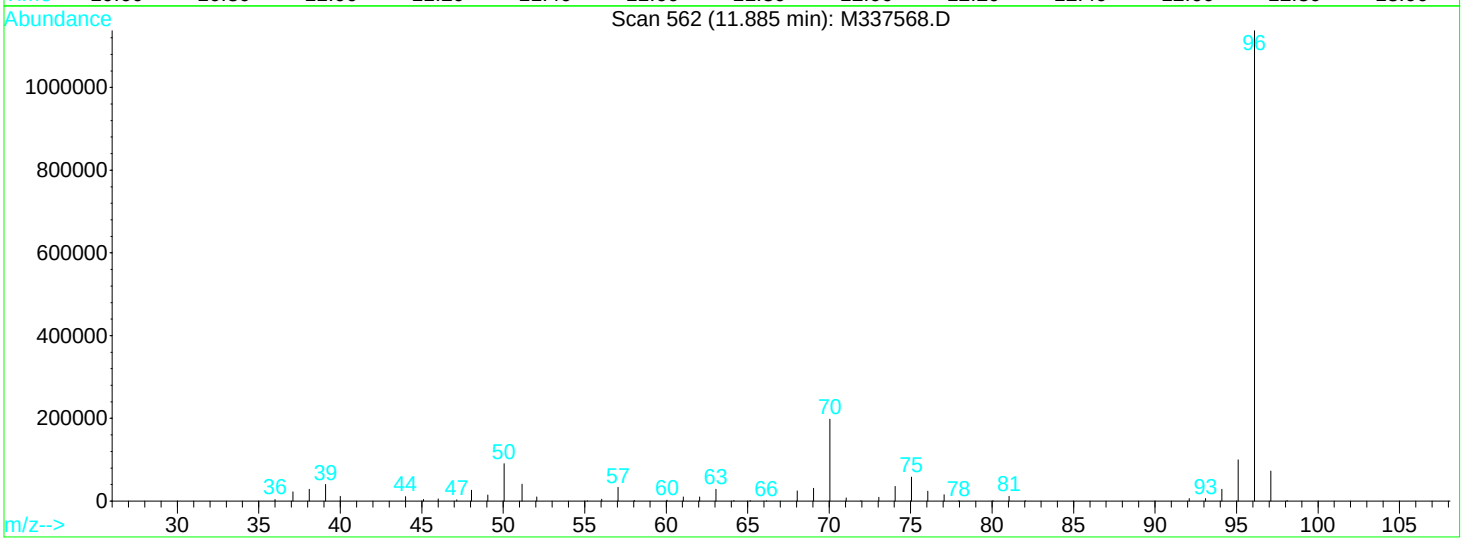
Ion	Exp%	Act%
94.00	100	100
96.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337568.D Vial: 7
Acq On : 8 Dec 2009 11:28 am Operator: MD
Sample : BL90815-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337568.D

(43) Tertiary-amyl methyl ether

11.88min 0.49ug/l

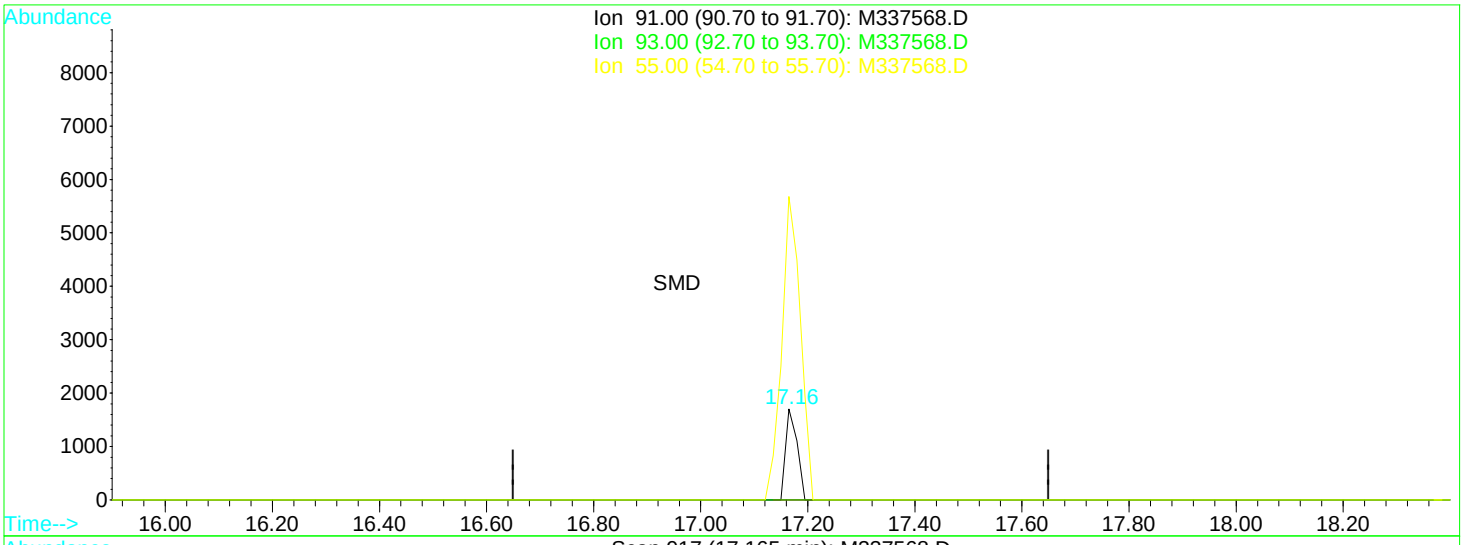
response 20697

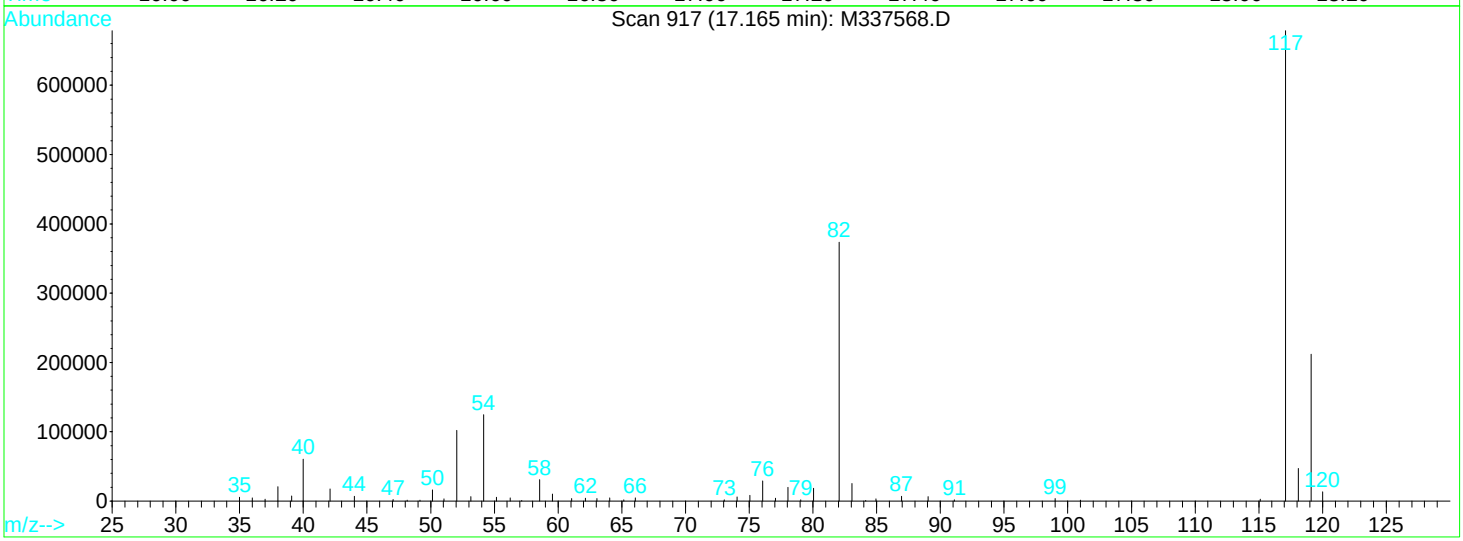
Ion	Exp%	Act%
73.00	100	100
43.00	35.00	0.00#
55.00	35.70	12.12
87.00	24.20	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337568.D Vial: 7
Acq On : 8 Dec 2009 11:28 am Operator: MD
Sample : BL90815-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:28 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration





TIC: M337568.D

(66) 1-Chlorohexane

17.16min 0.10ug/l

response 2507

Ion	Exp%	Act%
91.00	100	100
93.00	32.80	0.00#
55.00	54.40	334.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337568.D Vial: 7
Acq On : 8 Dec 2009 11:28 am Operator: MD
Sample : BL90815-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:28 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

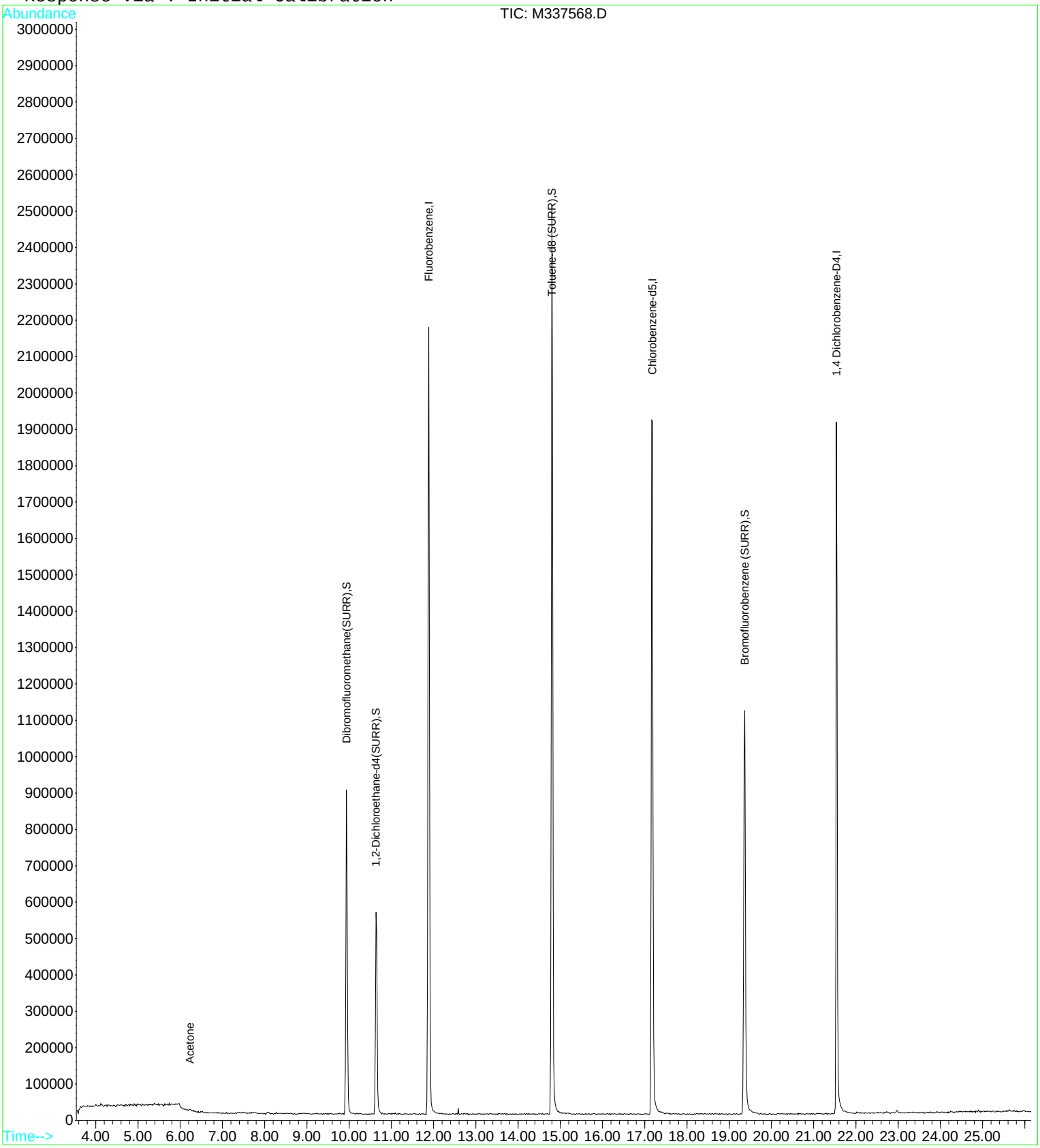
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	2718511	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.18	117	1943742	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	712044	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	746735	22.24	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.96%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	442860	24.06	ug/l	-0.01
Spiked Amount 25.000			Recovery = 96.24%			
59) Toluene-d8 (SURR)	14.80	98	2356822	23.52	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.08%			
75) Bromofluorobenzene (SURR)	19.37	95	801241	23.30	ug/l	-0.01
Spiked Amount 25.000			Recovery = 93.20%			
Target Compounds						Qvalue
10) Acetone	6.23	58	790	0.71	ug/l #	47

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337568.D Vial: 7
Acq On : 8 Dec 2009 11:28 am Operator: MD
Sample : BL90815-BLK1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 13:28 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration



VOA
Calibration Data

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSK0051	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BSK0051-TUN1	M337153.D	11/09/09 10:47
Cal Standard	BSK0051-CAL1	M337154.D	11/09/09 11:51
Cal Standard	BSK0051-CAL2	M337155.D	11/09/09 12:22
Cal Standard	BSK0051-CAL3	M337156.D	11/09/09 12:54
Cal Standard	BSK0051-CAL4	M337157.D	11/09/09 13:26
Cal Standard	BSK0051-CAL5	M337158.D	11/09/09 13:58
Cal Standard	BSK0051-CAL6	M337159.D	11/09/09 14:30
Cal Standard	BSK0051-CAL7	M337160.D	11/09/09 15:02
Secondary Cal Check	BSK0051-SCV1	M337163.D	11/09/09 16:37

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BSL0027-TUN1	M337477.D	12/03/09 08:21
Calibration Check	BSL0027-CCV1	M337478.D	12/03/09 08:53
LCS	BL90309-BS1	M337479.D	12/03/09 09:25
LCS Dup	BL90309-BSD1	M337480.D	12/03/09 09:58
Blank	BL90309-BLK1	M337483.D	12/03/09 11:34
~~GWMW232S~~	~~0912038-03~~	~~M337576.D~~	~~12/03/09 17:26~~
GWMW232S	0912038-03	M337494.D	12/03/09 17:26
~~GWMW232D~~	~~0912038-04~~	~~M337574.D~~	~~12/03/09 17:57~~
GWMW232D	0912038-04	M337495.D	12/03/09 17:57
GWMW231S	0912038-01	M337496.D	12/03/09 18:30
~~GWMW231D~~	~~0912038-02~~	~~M337572.D~~	~~12/03/09 19:02~~
GWMW231D	0912038-02	M337497.D	12/03/09 19:02

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0039	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BSL0039-TUN1	M337500.D	12/04/09 08:13
Calibration Check	BSL0039-CCV1	M337501.D	12/04/09 08:45
LCS	BL90410-BS1	M337502.D	12/04/09 09:16
LCS Dup	BL90410-BSD1	M337503.D	12/04/09 09:48
Blank	BL90410-BLK1	M337506.D	12/04/09 11:23
TRIP	0912038-16	M337510.D	12/04/09 13:30
GWMW233	0912038-05	M337511.D	12/04/09 14:02
GWMW230D	0912038-06	M337512.D	12/04/09 14:34
GWMW234D	0912038-07	M337513.D	12/04/09 15:05
~~GWMW230S~~	~~0912038-08~~	~~M337577.D~~	~~12/04/09 15:37~~
GWMW230S	0912038-08	M337514.D	12/04/09 15:37
PWPDB01	0912038-10	M337516.D	12/04/09 16:40
PWPDB02	0912038-11	M337517.D	12/04/09 17:12
PWPDB03	0912038-12	M337518.D	12/04/09 17:44
PWPDB04	0912038-13	M337519.D	12/04/09 18:15
PWPDB06	0912038-14	M337520.D	12/04/09 18:47
~~PWPDB06~~	~~0912038-14~~	~~M337575.D~~	~~12/04/09 18:47~~
PWPDBTRIP	0912038-15	M337521.D	12/04/09 19:18

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0054	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BSL0054-TUN1	M337562.D	12/08/09 08:18
Calibration Check	BSL0054-CCV1	M337563.D	12/08/09 08:49
LCS	BL90815-BS1	M337564.D	12/08/09 09:21
LCS Dup	BL90815-BSD1	M337565.D	12/08/09 09:53
Blank	BL90815-BLK1	M337568.D	12/08/09 11:28
GWMW231D	0912038-02RE1	M337572.D	12/08/09 13:35
PWPDB0S	0912038-09	M337578.D	12/08/09 14:07
~~PWPDB0S~~	~~0912038-09~~	~~M337573.D~~	~~12/08/09 14:07~~
PWPDB0S	0912038-09RE1	M337573.D	12/08/09 14:07
GWMW232D	0912038-04RE1	M337574.D	12/08/09 14:39
PWPDB06	0912038-14RE1	M337575.D	12/08/09 15:10
GWMW232S	0912038-03RE1	M337576.D	12/08/09 15:42
GWMW230S	0912038-08RE1	M337577.D	12/08/09 16:14

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M337477.D	Injection Date:	12/03/09
Instrument ID:	VOA MS3	Injection Time:	08:21
Sequence:	BSL0027	Lab Sample ID:	BSL0027-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.6	PASS
75	30 - 60% of 95	37.6	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.71	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	65.4	PASS
175	5 - 9% of 174	7.38	PASS
176	95 - 101% of 174	97.8	PASS
177	5 - 9% of 176	6.68	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M337500.D	Injection Date:	12/04/09
Instrument ID:	VOA MS3	Injection Time:	08:13
Sequence:	BSL0039	Lab Sample ID:	BSL0039-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.7	PASS
75	30 - 60% of 95	36.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.05	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	57.5	PASS
175	5 - 9% of 174	7.88	PASS
176	95 - 101% of 174	96.6	PASS
177	5 - 9% of 176	7.32	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M337562.D	Injection Date:	12/08/09
Instrument ID:	VOA MS3	Injection Time:	08:18
Sequence:	BSL0054	Lab Sample ID:	BSL0054-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	15.2	PASS
75	30 - 60% of 95	37.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.1	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	68.4	PASS
175	5 - 9% of 174	7.9	PASS
176	95 - 101% of 174	95.6	PASS
177	5 - 9% of 176	7.31	PASS

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337478.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0027	Injection Date:	12/03/09
Lab Sample ID:	BSL0027-CCV1	Injection Time:	08:53

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	25.3	0.2931296	0.2967652		1.2	30
1,1,1-Trichloroethane	A	25.00	26.7	0.2845196	0.3037425		6.8	30
1,1,2,2-Tetrachloroethane	A	25.00	25.2	0.9305839	0.937357	0.3	0.7	30
1,1,2-Trichloroethane	A	25.00	25.0	0.1657772	0.1658167		0.02	30
1,1-Dichloroethane	A	25.00	27.1	0.3944064	0.4273752	0.1	8.4	30
1,1-Dichloroethene	A	25.00	26.0	0.2337234	0.2427252		3.9	20
1,1-Dichloropropene	A	25.00	26.4	0.2716946	0.2873449		5.8	30
1,2,3-Trichlorobenzene	A	25.00	24.0	0.547229	0.5264159		-3.8	30
1,2,3-Trichloropropane	A	25.00	26.0	0.5633924	0.5865974		4.1	30
1,2,4-Trichlorobenzene	A	25.00	24.4	0.6984926	0.6807097		-2.5	30
1,2,4-Trimethylbenzene	A	25.00	26.1	2.438651	2.545273		4.4	30
1,2-Dibromo-3-Chloropropane	A	25.00	25.9	8.389576E-02	8.706343E-02		3.8	30
1,2-Dibromoethane	A	25.00	24.7	0.3093678	0.3055759		-1.2	30
1,2-Dichlorobenzene	A	25.00	25.0	1.382238	1.382867		0.05	30
1,2-Dichloroethane	A	25.00	26.2	0.1967258	0.2061936		4.8	30
1,2-Dichloropropane	A	25.00	25.6	0.2391939	0.2452732		2.5	20
1,3,5-Trimethylbenzene	A	25.00	26.7	2.267956	2.420915		6.7	30
1,3-Dichlorobenzene	A	25.00	25.4	1.430704	1.451037		1.4	30
1,3-Dichloropropane	A	25.00	25.1	0.4351445	0.4367088		0.4	30
1,4-Dichlorobenzene	A	25.00	24.8	1.576046	1.565611		-0.7	30
1,4-Dioxane - Screen	L	500.0	541	6.853497E-04	8.071789E-04		8.3	30
1-Chlorohexane	A	25.00	25.0	0.3176972	0.3179115		0.07	30
2,2-Dichloropropane	A	25.00	28.4	0.2122965	0.2413617		13.7	30
2-Butanone	A	125.0	137	1.185339E-02	1.298253E-02		9.5	30
2-Chlorotoluene	A	25.00	25.8	2.303652	2.372952		3.0	30
2-Hexanone	L	125.0	118	0.1457571	0.1526706		-5.6	30
4-Chlorotoluene	A	25.00	26.0	2.388677	2.483092		4.0	30
4-Isopropyltoluene	A	25.00	25.7	2.113235	2.173451		2.8	30
4-Methyl-2-Pentanone	A	125.0	137	5.174424E-02	5.670739E-02		9.6	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337478.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0027	Injection Date:	12/03/09
Lab Sample ID:	BSL0027-CCV1	Injection Time:	08:53

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	138	1.029141E-02	1.138286E-02		10.6	30
Benzene	A	25.00	25.8	0.9306424	0.9595471		3.1	30
Bromobenzene	A	25.00	26.4	0.9201874	0.9703947		5.5	30
Bromochloromethane	A	25.00	25.6	0.1382576	0.1416935		2.5	30
Bromodichloromethane	A	25.00	26.3	0.2801671	0.2943148		5.0	30
Bromoform	A	25.00	24.9	0.1935124	0.1925289	0.1	-0.5	30
Bromomethane	A	25.00	22.1	0.1485266	0.131039		-11.8	30
Carbon Disulfide	A	25.00	27.0	0.8118036	0.8778515		8.1	30
Carbon Tetrachloride	A	25.00	26.7	0.243129	0.2593742		6.7	30
Chlorobenzene	A	25.00	25.4	0.9938252	1.008216	0.3	1.4	30
Chloroethane	L	25.00	25.5	0.1194996	0.1219033		2.0	30
Chloroform	A	25.00	26.1	0.4012275	0.4189911		4.4	20
Chloromethane	L	25.00	24.4	0.2596284	0.2538784	0.1	-2.2	30
cis-1,2-Dichloroethene	A	25.00	26.3	0.3025746	0.3188337		5.4	30
cis-1,3-Dichloropropene	A	25.00	26.2	0.2965856	0.3104053		4.7	30
Dibromochloromethane	A	25.00	23.8	0.3320011	0.3159492		-4.8	30
Dibromomethane	A	25.00	25.0	0.1647356	0.1647818		0.03	30
Dichlorodifluoromethane	A	25.00	25.0	0.214017	0.2142901		0.1	30
Diethyl Ether	A	25.00	26.7	0.1399525	0.1492632		6.7	30
Di-isopropyl ether	A	25.00	26.5	0.8211699	0.8692056		5.8	30
Ethyl tertiary-butyl ether	A	25.00	25.4	0.4982602	0.5064124		1.6	30
Ethylbenzene	A	25.00	26.0	1.382396	1.438247		4.0	20
Hexachlorobutadiene	A	25.00	25.1	0.3001511	0.3017388		0.5	30
Hexachloroethane	A	25.00	25.0	0.4438395	0.4441936		0.08	30
Isopropylbenzene	A	25.00	26.2	2.92861	3.073837		5.0	30
Methyl tert-Butyl Ether	A	25.00	25.0	0.3432064	0.3439562		0.2	30
Methylene Chloride	A	25.00	25.4	0.2921115	0.2973678		1.8	30
Naphthalene	A	25.00	23.6	1.261564	1.190121		-5.7	30
n-Butylbenzene	A	25.00	25.5	1.864647	1.900003		1.9	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337478.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0027	Injection Date:	12/03/09
Lab Sample ID:	BSL0027-CCV1	Injection Time:	08:53

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	26.4	3.242991	3.426731		5.7	30
sec-Butylbenzene	A	25.00	25.5	2.640667	2.690423		1.9	30
Styrene	L	25.00	26.5	0.9326293	0.9473146		5.8	30
tert-Butylbenzene	A	25.00	26.0	1.666228	1.730571		3.9	30
Tertiary-amyl methyl ether	A	25.00	25.1	0.3885091	0.3897546		0.3	30
Tetrachloroethene	A	25.00	26.1	0.2330238	0.2434003		4.5	30
Tetrahydrofuran	A	25.00	27.4	3.890184E-02	4.268296E-02		9.7	30
Toluene	A	25.00	26.5	0.6012292	0.6380105		6.1	20
trans-1,2-Dichloroethene	A	25.00	25.9	0.2595406	0.2685506		3.5	30
trans-1,3-Dichloropropene	A	25.00	26.4	0.218272	0.2304414		5.6	30
Trichloroethene	A	25.00	25.5	0.2605395	0.265548		1.9	30
Trichlorofluoromethane	A	25.00	31.2	0.286838	0.3576469		24.7	30
Vinyl Acetate	A	25.00	23.8	0.376856	0.3591418		-4.7	30
Vinyl Chloride	A	25.00	26.0	0.2130774	0.221522		4.0	20
Xylene O	A	25.00	25.6	0.5501065	0.5635893		2.5	30
Xylene P,M	A	50.00	51.5	0.5435216	0.5601746		3.1	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337501.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0039	Injection Date:	12/04/09
Lab Sample ID:	BSL0039-CCV1	Injection Time:	08:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	25.5	0.2931296	0.2988074		1.9	30
1,1,1-Trichloroethane	A	25.00	25.8	0.2845196	0.293447		3.1	30
1,1,2,2-Tetrachloroethane	A	25.00	24.7	0.9305839	0.9179117	0.3	-1.4	30
1,1,2-Trichloroethane	A	25.00	24.7	0.1657772	0.1635899		-1.3	30
1,1-Dichloroethane	A	25.00	25.9	0.3944064	0.4079055	0.1	3.4	30
1,1-Dichloroethene	A	25.00	25.3	0.2337234	0.2368001		1.3	20
1,1-Dichloropropene	A	25.00	25.7	0.2716946	0.2796258		2.9	30
1,2,3-Trichlorobenzene	A	25.00	22.5	0.547229	0.4934566		-9.8	30
1,2,3-Trichloropropane	A	25.00	24.0	0.5633924	0.5396571		-4.2	30
1,2,4-Trichlorobenzene	A	25.00	24.0	0.6984926	0.67191		-3.8	30
1,2,4-Trimethylbenzene	A	25.00	26.4	2.438651	2.57815		5.7	30
1,2-Dibromo-3-Chloropropane	A	25.00	25.2	8.389576E-02	8.452296E-02		0.7	30
1,2-Dibromoethane	A	25.00	25.4	0.3093678	0.3139114		1.5	30
1,2-Dichlorobenzene	A	25.00	25.2	1.382238	1.390765		0.6	30
1,2-Dichloroethane	A	25.00	24.6	0.1967258	0.193329		-1.7	30
1,2-Dichloropropane	A	25.00	25.2	0.2391939	0.2407917		0.7	20
1,3,5-Trimethylbenzene	A	25.00	26.9	2.267956	2.442132		7.7	30
1,3-Dichlorobenzene	A	25.00	25.6	1.430704	1.467767		2.6	30
1,3-Dichloropropane	A	25.00	25.7	0.4351445	0.4477398		2.9	30
1,4-Dichlorobenzene	A	25.00	24.3	1.576046	1.534683		-2.6	30
1,4-Dioxane - Screen	L	500.0	523	6.853497E-04	7.784041E-04		4.7	30
1-Chlorohexane	A	25.00	26.3	0.3176972	0.3338144		5.1	30
2,2-Dichloropropane	A	25.00	28.5	0.2122965	0.2418023		13.9	30
2-Butanone	A	125.0	127	1.185339E-02	1.203673E-02		1.5	30
2-Chlorotoluene	A	25.00	26.0	2.303652	2.400555		4.2	30
2-Hexanone	L	125.0	116	0.1457571	0.1497574		-7.3	30
4-Chlorotoluene	A	25.00	26.1	2.388677	2.495884		4.5	30
4-Isopropyltoluene	A	25.00	26.7	2.113235	2.255565		6.7	30
4-Methyl-2-Pentanone	A	125.0	125	5.174424E-02	5.156795E-02		-0.3	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337501.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0039	Injection Date:	12/04/09
Lab Sample ID:	BSL0039-CCV1	Injection Time:	08:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	128	1.029141E-02	0.0105584		2.6	30
Benzene	A	25.00	25.7	0.9306424	0.9554793		2.7	30
Bromobenzene	A	25.00	26.5	0.9201874	0.9765378		6.1	30
Bromochloromethane	A	25.00	24.3	0.1382576	0.1345015		-2.7	30
Bromodichloromethane	A	25.00	25.0	0.2801671	0.2804425		0.1	30
Bromoform	A	25.00	24.4	0.1935124	0.1885054	0.1	-2.6	30
Bromomethane	A	25.00	22.8	0.1485266	0.1355748		-8.7	30
Carbon Disulfide	A	25.00	25.7	0.8118036	0.833442		2.7	30
Carbon Tetrachloride	A	25.00	25.5	0.243129	0.2481395		2.1	30
Chlorobenzene	A	25.00	25.7	0.9938252	1.020826	0.3	2.7	30
Chloroethane	L	25.00	24.0	0.1194996	0.1149441		-3.8	30
Chloroform	A	25.00	25.0	0.4012275	0.4010297		-0.05	20
Chloromethane	L	25.00	23.9	0.2596284	0.2485468	0.1	-4.3	30
cis-1,2-Dichloroethene	A	25.00	25.0	0.3025746	0.302376		-0.07	30
cis-1,3-Dichloropropene	A	25.00	25.8	0.2965856	0.3065586		3.4	30
Dibromochloromethane	A	25.00	25.1	0.3320011	0.3330509		0.3	30
Dibromomethane	A	25.00	23.7	0.1647356	0.1559784		-5.3	30
Dichlorodifluoromethane	A	25.00	24.0	0.214017	0.2055171		-4.0	30
Diethyl Ether	A	25.00	25.1	0.1399525	0.1407195		0.5	30
Di-isopropyl ether	A	25.00	25.7	0.8211699	0.8434018		2.7	30
Ethyl tertiary-butyl ether	A	25.00	25.5	0.4982602	0.5085422		2.1	30
Ethylbenzene	A	25.00	26.6	1.382396	1.471756		6.5	20
Hexachlorobutadiene	A	25.00	25.3	0.3001511	0.3035645		1.1	30
Hexachloroethane	A	25.00	26.2	0.4438395	0.4658517		5.0	30
Isopropylbenzene	A	25.00	27.0	2.92861	3.160208		7.9	30
Methyl tert-Butyl Ether	A	25.00	24.4	0.3432064	0.3345877		-2.5	30
Methylene Chloride	A	25.00	24.5	0.2921115	0.2860527		-2.1	30
Naphthalene	A	25.00	22.2	1.261564	1.12142		-11.1	30
n-Butylbenzene	A	25.00	27.4	1.864647	2.045826		9.7	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337501.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0039	Injection Date:	12/04/09
Lab Sample ID:	BSL0039-CCV1	Injection Time:	08:45

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	27.0	3.242991	3.507648		8.2	30
sec-Butylbenzene	A	25.00	26.6	2.640667	2.805513		6.2	30
Styrene	L	25.00	27.5	0.9326293	0.9856506		10.2	30
tert-Butylbenzene	A	25.00	26.4	1.666228	1.759076		5.6	30
Tertiary-amyl methyl ether	A	25.00	24.3	0.3885091	0.3777886		-2.8	30
Tetrachloroethene	A	25.00	25.4	0.2330238	0.2369256		1.7	30
Tetrahydrofuran	A	25.00	24.9	3.890184E-02	3.872433E-02		-0.5	30
Toluene	A	25.00	25.1	0.6012292	0.6037042		0.4	20
trans-1,2-Dichloroethene	A	25.00	25.0	0.2595406	0.2599934		0.2	30
trans-1,3-Dichloropropene	A	25.00	26.6	0.218272	0.2318539		6.2	30
Trichloroethene	A	25.00	24.6	0.2605395	0.2565232		-1.5	30
Trichlorofluoromethane	A	25.00	30.5	0.286838	0.3494893		21.8	30
Vinyl Acetate	A	25.00	22.3	0.376856	0.3367151		-10.7	30
Vinyl Chloride	A	25.00	24.7	0.2130774	0.2103491		-1.3	20
Xylene O	A	25.00	26.4	0.5501065	0.5802584		5.5	30
Xylene P,M	A	50.00	53.0	0.5435216	0.5759203		6.0	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337563.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0054	Injection Date:	12/08/09
Lab Sample ID:	BSL0054-CCV1	Injection Time:	08:49

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	25.00	24.6	0.2931296	0.2878363		-1.8	30	
1,1,1-Trichloroethane	A	25.00	25.9	0.2845196	0.2948031		3.6	30	
1,1,2,2-Tetrachloroethane	A	25.00	25.2	0.9305839	0.9393871	0.3	0.9	30	
1,1,2-Trichloroethane	A	25.00	25.0	0.1657772	0.1655813		-0.1	30	
1,1-Dichloroethane	A	25.00	26.1	0.3944064	0.4119651	0.1	4.5	30	
1,1-Dichloroethene	A	25.00	24.8	0.2337234	0.23181		-0.8	20	
1,1-Dichloropropene	A	25.00	25.9	0.2716946	0.2818512		3.7	30	
1,2,3-Trichlorobenzene	A	25.00	22.6	0.547229	0.4948684		-9.6	30	
1,2,3-Trichloropropane	A	25.00	25.8	0.5633924	0.5809499		3.1	30	
1,2,4-Trichlorobenzene	A	25.00	23.2	0.6984926	0.6495077		-7.0	30	
1,2,4-Trimethylbenzene	A	25.00	25.8	2.438651	2.517933		3.3	30	
1,2-Dibromo-3-Chloropropane	A	25.00	26.1	8.389576E-02	8.744738E-02		4.2	30	
1,2-Dibromoethane	A	25.00	25.0	0.3093678	0.3092816		-0.03	30	
1,2-Dichlorobenzene	A	25.00	24.6	1.382238	1.361957		-1.5	30	
1,2-Dichloroethane	A	25.00	25.8	0.1967258	0.2031395		3.3	30	
1,2-Dichloropropane	A	25.00	25.6	0.2391939	0.2454299		2.6	20	
1,3,5-Trimethylbenzene	A	25.00	25.8	2.267956	2.341802		3.3	30	
1,3-Dichlorobenzene	A	25.00	25.2	1.430704	1.441747		0.8	30	
1,3-Dichloropropane	A	25.00	25.8	0.4351445	0.4489035		3.2	30	
1,4-Dichlorobenzene	A	25.00	24.5	1.576046	1.544901		-2.0	30	
1,4-Dioxane - Screen	L	500.0	236	6.853497E-04	3.200595E-04		-52.7	30	*
1-Chlorohexane	A	25.00	24.7	0.3176972	0.3138094		-1.2	30	
2,2-Dichloropropane	A	25.00	28.4	0.2122965	0.2415093		13.8	30	
2-Butanone	A	125.0	133	1.185339E-02	1.263224E-02		6.6	30	
2-Chlorotoluene	A	25.00	25.6	2.303652	2.357744		2.3	30	
2-Hexanone	L	125.0	117	0.1457571	0.1507249		-6.7	30	
4-Chlorotoluene	A	25.00	25.4	2.388677	2.426241		1.6	30	
4-Isopropyltoluene	A	25.00	25.4	2.113235	2.146986		1.6	30	
4-Methyl-2-Pentanone	A	125.0	132	5.174424E-02	5.446083E-02		5.3	30	

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337563.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0054	Injection Date:	12/08/09
Lab Sample ID:	BSL0054-CCV1	Injection Time:	08:49

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	132	1.029141E-02	1.085029E-02		5.4	30
Benzene	A	25.00	25.8	0.9306424	0.9603849		3.2	30
Bromobenzene	A	25.00	26.1	0.9201874	0.9622307		4.6	30
Bromochloromethane	A	25.00	24.8	0.1382576	0.136947		-0.9	30
Bromodichloromethane	A	25.00	25.6	0.2801671	0.2868883		2.4	30
Bromoform	A	25.00	24.7	0.1935124	0.1909881	0.1	-1.3	30
Bromomethane	A	25.00	23.1	0.1485266	0.13745		-7.5	30
Carbon Disulfide	A	25.00	26.1	0.8118036	0.8480224		4.5	30
Carbon Tetrachloride	A	25.00	25.8	0.243129	0.2504028		3.0	30
Chlorobenzene	A	25.00	24.9	0.9938252	0.9883726	0.3	-0.5	30
Chloroethane	L	25.00	25.2	0.1194996	0.1202668		0.6	30
Chloroform	A	25.00	25.8	0.4012275	0.4132397		3.0	20
Chloromethane	L	25.00	23.2	0.2596284	0.2406448	0.1	-7.3	30
cis-1,2-Dichloroethene	A	25.00	25.1	0.3025746	0.3043032		0.6	30
cis-1,3-Dichloropropene	A	25.00	25.9	0.2965856	0.3077021		3.7	30
Dibromochloromethane	A	25.00	24.3	0.3320011	0.3231358		-2.7	30
Dibromomethane	A	25.00	24.3	0.1647356	0.1598423		-3.0	30
Dichlorodifluoromethane	A	25.00	24.0	0.214017	0.2050587		-4.2	30
Diethyl Ether	A	25.00	25.5	0.1399525	0.1429384		2.1	30
Di-isopropyl ether	A	25.00	25.9	0.8211699	0.8498885		3.5	30
Ethyl tertiary-butyl ether	A	25.00	25.4	0.4982602	0.5058362		1.5	30
Ethylbenzene	A	25.00	25.8	1.382396	1.423759		3.0	20
Hexachlorobutadiene	A	25.00	24.8	0.3001511	0.2978086		-0.8	30
Hexachloroethane	A	25.00	25.5	0.4438395	0.4519837		1.8	30
Isopropylbenzene	A	25.00	25.5	2.92861	2.983822		1.9	30
Methyl tert-Butyl Ether	A	25.00	24.6	0.3432064	0.3378575		-1.6	30
Methylene Chloride	A	25.00	25.1	0.2921115	0.293604		0.5	30
Naphthalene	A	25.00	22.4	1.261564	1.128457		-10.6	30
n-Butylbenzene	A	25.00	25.9	1.864647	1.932146		3.6	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	0911010
Lab File ID:	M337563.D	Calibration Date:	11/09/09 00:00
Sequence:	BSL0054	Injection Date:	12/08/09
Lab Sample ID:	BSL0054-CCV1	Injection Time:	08:49

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	25.8	3.242991	3.349889		3.3	30
sec-Butylbenzene	A	25.00	25.6	2.640667	2.708327		2.6	30
Styrene	L	25.00	26.7	0.9326293	0.9567194		6.9	30
tert-Butylbenzene	A	25.00	25.1	1.666228	1.675307		0.5	30
Tertiary-amyl methyl ether	A	25.00	23.8	0.3885091	0.3691868		-5.0	30
Tetrachloroethene	A	25.00	24.0	0.2330238	0.2241448		-3.8	30
Tetrahydrofuran	A	25.00	24.4	3.890184E-02	3.796384E-02		-2.4	30
Toluene	A	25.00	25.2	0.6012292	0.6057774		0.8	20
trans-1,2-Dichloroethene	A	25.00	24.9	0.2595406	0.2582606		-0.5	30
trans-1,3-Dichloropropene	A	25.00	26.5	0.218272	0.2313636		6.0	30
Trichloroethene	A	25.00	24.9	0.2605395	0.2592245		-0.5	30
Trichlorofluoromethane	A	25.00	24.5	0.286838	0.2809249		-2.1	30
Vinyl Acetate	A	25.00	22.3	0.376856	0.336654		-10.7	30
Vinyl Chloride	A	25.00	25.0	0.2130774	0.2131236		0.02	20
Xylene O	A	25.00	25.3	0.5501065	0.557047		1.3	30
Xylene P,M	A	50.00	50.9	0.5435216	0.5531095		1.8	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSK0051	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Cal Standard (BSK0051-CAL1)			Lab File ID: M337154.D		Analyzed: 11/09/09 11:51			
1,2-Dichloroethane-d4	0.4000	128		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.4000	110		19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.4000	128		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.4000	115		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL2)			Lab File ID: M337155.D		Analyzed: 11/09/09 12:22			
1,2-Dichloroethane-d4	1.000	98		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	1.000	97		19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	1.000	101		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	1.000	96		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL3)			Lab File ID: M337156.D		Analyzed: 11/09/09 12:54			
1,2-Dichloroethane-d4	5.000	101		10.63	10.63833	-0.0083	+/-1.0	
4-Bromofluorobenzene	5.000	88		19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	5.000	98		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	5.000	89		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL4)			Lab File ID: M337157.D		Analyzed: 11/09/09 13:26			
1,2-Dichloroethane-d4	10.00	99		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	10.00	94		19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	10.00	100		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	10.00	95		14.81	14.80333	0.0067	+/-1.0	
Cal Standard (BSK0051-CAL5)			Lab File ID: M337158.D		Analyzed: 11/09/09 13:58			
1,2-Dichloroethane-d4	25.00	104		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	25.00	102		19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	25.00	104		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	25.00	102		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL6)			Lab File ID: M337159.D		Analyzed: 11/09/09 14:30			
1,2-Dichloroethane-d4	50.00	105		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	50.00	104		19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	50.00	108		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	50.00	106		14.8	14.80333	-0.0033	+/-1.0	
Cal Standard (BSK0051-CAL7)			Lab File ID: M337160.D		Analyzed: 11/09/09 15:02			
1,2-Dichloroethane-d4	100.0	106		10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	100.0	109		19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	100.0	110		9.94	9.94	0.0000	+/-1.0	
Toluene-d8	100.0	110		14.81	14.80333	0.0067	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0027-CCV1)			Lab File ID: M337478.D		Analyzed: 12/03/09 08:53			
1,2-Dichloroethane-d4	25.00	94	0 - 200	10.72	10.63833	0.0817	+/-1.0	
4-Bromofluorobenzene	25.00	93	0 - 200	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	25.00	95	0 - 200	10	9.94	0.0600	+/-1.0	
Toluene-d8	25.00	93	0 - 200	14.88	14.80333	0.0767	+/-1.0	
LCS (BL90309-BS1)			Lab File ID: M337479.D		Analyzed: 12/03/09 09:25			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.44	19.36	0.0800	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	10.01	9.94	0.0700	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.87	14.80333	0.0667	+/-1.0	
LCS Dup (BL90309-BSD1)			Lab File ID: M337480.D		Analyzed: 12/03/09 09:58			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.71	10.63833	0.0717	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.44	19.36	0.0800	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	10.01	9.94	0.0700	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.87	14.80333	0.0667	+/-1.0	
Blank (BL90309-BLK1)			Lab File ID: M337483.D		Analyzed: 12/03/09 11:34			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.72	10.63833	0.0817	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.87	14.80333	0.0667	+/-1.0	
GWMW232S (0912038-03)			Lab File ID: M337494.D		Analyzed: 12/03/09 17:26			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.7	10.63833	0.0617	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.43	19.36	0.0700	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	10	9.94	0.0600	+/-1.0	
Toluene-d8	0.02500	97	70 - 130	14.86	14.80333	0.0567	+/-1.0	
GWMW232D (0912038-04)			Lab File ID: M337495.D		Analyzed: 12/03/09 17:57			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.7	10.63833	0.0617	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.41	19.36	0.0500	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.98	9.94	0.0400	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.85	14.80333	0.0467	+/-1.0	
GWMW231S (0912038-01)			Lab File ID: M337496.D		Analyzed: 12/03/09 18:30			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.7	10.63833	0.0617	+/-1.0	
4-Bromofluorobenzene	0.02500	96	70 - 130	19.42	19.36	0.0600	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.99	9.94	0.0500	+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.85	14.80333	0.0467	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
GWMW231D (0912038-02)			Lab File ID: M337497.D		Analyzed: 12/03/09 19:02			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.69	10.63833	0.0517	+/-1.0	
4-Bromofluorobenzene	0.02500	96	70 - 130	19.42	19.36	0.0600	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.99	9.94	0.0500	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.85	14.80333	0.0467	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0039	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0039-CCV1)			Lab File ID: M337501.D		Analyzed: 12/04/09 08:45			
1,2-Dichloroethane-d4	25.00	91	0 - 200	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	25.00	95	0 - 200	19.38	19.36	0.0200	+/-1.0	
Dibromofluoromethane	25.00	90	0 - 200	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	25.00	96	0 - 200	14.81	14.80333	0.0067	+/-1.0	
LCS (BL90410-BS1)			Lab File ID: M337502.D		Analyzed: 12/04/09 09:16			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.82	14.80333	0.0167	+/-1.0	
LCS Dup (BL90410-BSD1)			Lab File ID: M337503.D		Analyzed: 12/04/09 09:48			
1,2-Dichloroethane-d4	0.02500	91	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82	14.80333	0.0167	+/-1.0	
Blank (BL90410-BLK1)			Lab File ID: M337506.D		Analyzed: 12/04/09 11:23			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.38	19.36	0.0200	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.81	14.80333	0.0067	+/-1.0	
TRIP (0912038-16)			Lab File ID: M337510.D		Analyzed: 12/04/09 13:30			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.65			+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.38			+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.95			+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.82			+/-1.0	
GWMW233 (0912038-05)			Lab File ID: M337511.D		Analyzed: 12/04/09 14:02			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.66	10.63833	0.0217	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.96	9.94	0.0200	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82	14.80333	0.0167	+/-1.0	
GWMW230D (0912038-06)			Lab File ID: M337512.D		Analyzed: 12/04/09 14:34			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.66	10.63833	0.0217	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.96	9.94	0.0200	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82	14.80333	0.0167	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0039	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
GWMW234D (0912038-07)			Lab File ID: M337513.D		Analyzed: 12/04/09 15:05			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.66	10.63833	0.0217	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.96	9.94	0.0200	+/-1.0	
Toluene-d8	0.02500	97	70 - 130	14.82	14.80333	0.0167	+/-1.0	
GWMW230S (0912038-08)			Lab File ID: M337514.D		Analyzed: 12/04/09 15:37			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82	14.80333	0.0167	+/-1.0	
PWPDB01 (0912038-10)			Lab File ID: M337516.D		Analyzed: 12/04/09 16:40			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.96	9.94	0.0200	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82	14.80333	0.0167	+/-1.0	
PWPDB02 (0912038-11)			Lab File ID: M337517.D		Analyzed: 12/04/09 17:12			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.81	14.80333	0.0067	+/-1.0	
PWPDB03 (0912038-12)			Lab File ID: M337518.D		Analyzed: 12/04/09 17:44			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.81	14.80333	0.0067	+/-1.0	
PWPDB04 (0912038-13)			Lab File ID: M337519.D		Analyzed: 12/04/09 18:15			
1,2-Dichloroethane-d4	0.02500	98	70 - 130	10.66	10.63833	0.0217	+/-1.0	
4-Bromofluorobenzene	0.02500	96	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	92	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.81	14.80333	0.0067	+/-1.0	
PWPDB06 (0912038-14)			Lab File ID: M337520.D		Analyzed: 12/04/09 18:47			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.65	10.63833	0.0117	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.95	9.94	0.0100	+/-1.0	
Toluene-d8	0.02500	96	70 - 130	14.81	14.80333	0.0067	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0039	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
PWPDBTRIP (0912038-15)				Lab File ID: M337521.D		Analyzed: 12/04/09 19:18		
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.65			+/-1.0	
4-Bromofluorobenzene	0.02500	96	70 - 130	19.37			+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.94			+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.82			+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0054	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0054-CCV1)			Lab File ID: M337563.D		Analyzed: 12/08/09 08:49			
1,2-Dichloroethane-d4	25.00	94	0 - 200	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	25.00	93	0 - 200	19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	25.00	91	0 - 200	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	25.00	92	0 - 200	14.8	14.80333	-0.0033	+/-1.0	
LCS (BL90815-BS1)			Lab File ID: M337564.D		Analyzed: 12/08/09 09:21			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.93	9.94	-0.0100	+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.81	14.80333	0.0067	+/-1.0	
LCS Dup (BL90815-BSD1)			Lab File ID: M337565.D		Analyzed: 12/08/09 09:53			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	95	70 - 130	19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	94	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.8	14.80333	-0.0033	+/-1.0	
Blank (BL90815-BLK1)			Lab File ID: M337568.D		Analyzed: 12/08/09 11:28			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.8	14.80333	-0.0033	+/-1.0	
GWMW231D (0912038-02RE1)			Lab File ID: M337572.D		Analyzed: 12/08/09 13:35			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	88	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.81	14.80333	0.0067	+/-1.0	
PWPDB0S (0912038-09)			Lab File ID: M337578.D		Analyzed: 12/08/09 14:07			
1,2-Dichloroethane-d4	0.02500	98	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	93	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.8	14.80333	-0.0033	+/-1.0	
PWPDB0S (0912038-09RE1)			Lab File ID: M337573.D		Analyzed: 12/08/09 14:07			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	90	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.8	14.80333	-0.0033	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0054	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
GWMW232D (0912038-04RE1)			Lab File ID: M337574.D		Analyzed: 12/08/09 14:39			
1,2-Dichloroethane-d4	0.02500	95	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.37	19.36	0.0100	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.8	14.80333	-0.0033	+/-1.0	
PWPDB06 (0912038-14RE1)			Lab File ID: M337575.D		Analyzed: 12/08/09 15:10			
1,2-Dichloroethane-d4	0.02500	94	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	93	70 - 130	19.35	19.36	-0.0100	+/-1.0	
Dibromofluoromethane	0.02500	89	70 - 130	9.94	9.94	0.0000	+/-1.0	
Toluene-d8	0.02500	94	70 - 130	14.8	14.80333	-0.0033	+/-1.0	
GWMW232S (0912038-03RE1)			Lab File ID: M337576.D		Analyzed: 12/08/09 15:42			
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	92	70 - 130	19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.93	9.94	-0.0100	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.79	14.80333	-0.0133	+/-1.0	
GWMW230S (0912038-08RE1)			Lab File ID: M337577.D		Analyzed: 12/08/09 16:14			
1,2-Dichloroethane-d4	0.02500	97	70 - 130	10.64	10.63833	0.0017	+/-1.0	
4-Bromofluorobenzene	0.02500	94	70 - 130	19.36	19.36	0.0000	+/-1.0	
Dibromofluoromethane	0.02500	91	70 - 130	9.93	9.94	-0.0100	+/-1.0	
Toluene-d8	0.02500	95	70 - 130	14.81	14.80333	0.0067	+/-1.0	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSK0051	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (BSK0051-CAL1)			Lab File ID: M337154.D			Analyzed: 11/09/09 11:51			
Fluorobenzene	3122008	11.89	3271323	11.88	95	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2143004	17.17	2329288	17.16	92	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	774893	21.54	824908	21.54	94	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL2)			Lab File ID: M337155.D			Analyzed: 11/09/09 12:22			
Fluorobenzene	3238472	11.89	3271323	11.88	99	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2208998	17.17	2329288	17.16	95	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	788482	21.54	824908	21.54	96	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL3)			Lab File ID: M337156.D			Analyzed: 11/09/09 12:54			
Fluorobenzene	3271323	11.88	3271323	11.88	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2329288	17.16	2329288	17.16	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	824908	21.54	824908	21.54	100	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL4)			Lab File ID: M337157.D			Analyzed: 11/09/09 13:26			
Fluorobenzene	3374339	11.88	3271323	11.88	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2290041	17.17	2329288	17.16	98	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	844496	21.54	824908	21.54	102	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL5)			Lab File ID: M337158.D			Analyzed: 11/09/09 13:58			
Fluorobenzene	3471005	11.89	3271323	11.88	106	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2296259	17.17	2329288	17.16	99	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	867018	21.54	824908	21.54	105	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL6)			Lab File ID: M337159.D			Analyzed: 11/09/09 14:30			
Fluorobenzene	3560701	11.88	3271323	11.88	109	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2363291	17.18	2329288	17.16	101	50 - 200	0.0200	+/-0.50	
1,4-Dichlorobenzene-D4	880077	21.54	824908	21.54	107	50 - 200	0.0000	+/-0.50	
Cal Standard (BSK0051-CAL7)			Lab File ID: M337160.D			Analyzed: 11/09/09 15:02			
Fluorobenzene	3764155	11.89	3271323	11.88	115	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2387262	17.17	2329288	17.16	102	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	918344	21.54	824908	21.54	111	50 - 200	0.0000	+/-0.50	
Secondary Cal Check (BSK0051-SCV1)			Lab File ID: M337163.D			Analyzed: 11/09/09 16:37			
Fluorobenzene	3257246	11.88	3271323	11.88	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2274315	17.17	2329288	17.16	98	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	816617	21.55	824908	21.54	99	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0027	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0027-CCV1)			Lab File ID: M337478.D			Analyzed: 12/03/09 08:53			
Fluorobenzene	2976106	11.95				50 - 200		+/-0.50	
Chlorobenzene-d5	2056242	17.24				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	744664	21.59				50 - 200		+/-0.50	
LCS (BL90309-BS1)			Lab File ID: M337479.D			Analyzed: 12/03/09 09:25			
Fluorobenzene	2930835	11.96	2976106	11.95	98	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1966538	17.24	2056242	17.24	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	732875	21.6	744664	21.59	98	50 - 200	0.0100	+/-0.50	
LCS Dup (BL90309-BSD1)			Lab File ID: M337480.D			Analyzed: 12/03/09 09:58			
Fluorobenzene	3001284	11.96	2976106	11.95	101	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1999823	17.24	2056242	17.24	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	744349	21.6	744664	21.59	100	50 - 200	0.0100	+/-0.50	
Blank (BL90309-BLK1)			Lab File ID: M337483.D			Analyzed: 12/03/09 11:34			
Fluorobenzene	2893084	11.95	2976106	11.95	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2022777	17.25	2056242	17.24	98	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	757072	21.59	744664	21.59	102	50 - 200	0.0000	+/-0.50	
GWMW232S (0912038-03)			Lab File ID: M337494.D			Analyzed: 12/03/09 17:26			
Fluorobenzene	3107886	11.94	2976106	11.95	104	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	2051645	17.22	2056242	17.24	100	50 - 200	-0.0200	+/-0.50	
1,4-Dichlorobenzene-D4	747028	21.58	744664	21.59	100	50 - 200	-0.0100	+/-0.50	
GWMW232D (0912038-04)			Lab File ID: M337495.D			Analyzed: 12/03/09 17:57			
Fluorobenzene	2996340	11.93	2976106	11.95	101	50 - 200	-0.0200	+/-0.50	
Chlorobenzene-d5	2023452	17.23	2056242	17.24	98	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	746555	21.59	744664	21.59	100	50 - 200	0.0000	+/-0.50	
GWMW231S (0912038-01)			Lab File ID: M337496.D			Analyzed: 12/03/09 18:30			
Fluorobenzene	2842173	11.93	2976106	11.95	95	50 - 200	-0.0200	+/-0.50	
Chlorobenzene-d5	2027269	17.23	2056242	17.24	99	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	792826	21.59	744664	21.59	106	50 - 200	0.0000	+/-0.50	
GWMW231D (0912038-02)			Lab File ID: M337497.D			Analyzed: 12/03/09 19:02			
Fluorobenzene	2852302	11.94	2976106	11.95	96	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	2038705	17.22	2056242	17.24	99	50 - 200	-0.0200	+/-0.50	
1,4-Dichlorobenzene-D4	804914	21.57	744664	21.59	108	50 - 200	-0.0200	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Sequence: BSL0039
Instrument: VOA MS3
Matrix: Aqueous
Calibration: 0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0039-CCV1)			Lab File ID: M337501.D			Analyzed: 12/04/09 08:45			
Fluorobenzene	3078478	11.9				50 - 200		+/-0.50	
Chlorobenzene-d5	2003916	17.18				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	733564	21.55				50 - 200		+/-0.50	
LCS (BL90410-BS1)			Lab File ID: M337502.D			Analyzed: 12/04/09 09:16			
Fluorobenzene	3083593	11.9	3078478	11.9	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2034314	17.18	2003916	17.18	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	735304	21.55	733564	21.55	100	50 - 200	0.0000	+/-0.50	
LCS Dup (BL90410-BSD1)			Lab File ID: M337503.D			Analyzed: 12/04/09 09:48			
Fluorobenzene	2965335	11.9	3078478	11.9	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1990688	17.18	2003916	17.18	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	726839	21.55	733564	21.55	99	50 - 200	0.0000	+/-0.50	
Blank (BL90410-BLK1)			Lab File ID: M337506.D			Analyzed: 12/04/09 11:23			
Fluorobenzene	2855453	11.9	3078478	11.9	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1992750	17.19	2003916	17.18	99	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	718771	21.55	733564	21.55	98	50 - 200	0.0000	+/-0.50	
TRIP (0912038-16)			Lab File ID: M337510.D			Analyzed: 12/04/09 13:30			
Fluorobenzene	2998847	11.9	3078478	11.9	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2018441	17.18	2003916	17.18	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	725047	21.55	733564	21.55	99	50 - 200	0.0000	+/-0.50	
GWMW233 (0912038-05)			Lab File ID: M337511.D			Analyzed: 12/04/09 14:02			
Fluorobenzene	2807156	11.91	3078478	11.9	91	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1952076	17.19	2003916	17.18	97	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	721794	21.56	733564	21.55	98	50 - 200	0.0100	+/-0.50	
GWMW230D (0912038-06)			Lab File ID: M337512.D			Analyzed: 12/04/09 14:34			
Fluorobenzene	2767423	11.91	3078478	11.9	90	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	1943314	17.19	2003916	17.18	97	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	705810	21.56	733564	21.55	96	50 - 200	0.0100	+/-0.50	
GWMW234D (0912038-07)			Lab File ID: M337513.D			Analyzed: 12/04/09 15:05			
Fluorobenzene	2931705	11.89	3078478	11.9	95	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1994106	17.19	2003916	17.18	100	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	714042	21.56	733564	21.55	97	50 - 200	0.0100	+/-0.50	
GWMW230S (0912038-08)			Lab File ID: M337514.D			Analyzed: 12/04/09 15:37			
Fluorobenzene	3015481	11.9	3078478	11.9	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2129629	17.18	2003916	17.18	106	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	803265	21.55	733564	21.55	110	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Sequence: BSL0039
Instrument: VOA MS3
Matrix: Aqueous
Calibration: 0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PWPDB01 (0912038-10)			Lab File ID: M337516.D			Analyzed: 12/04/09 16:40			
Fluorobenzene	2869952	11.89	3078478	11.9	93	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1981814	17.18	2003916	17.18	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	746783	21.56	733564	21.55	102	50 - 200	0.0100	+/-0.50	
PWPDB02 (0912038-11)			Lab File ID: M337517.D			Analyzed: 12/04/09 17:12			
Fluorobenzene	2781065	11.9	3078478	11.9	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1921000	17.18	2003916	17.18	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	716526	21.55	733564	21.55	98	50 - 200	0.0000	+/-0.50	
PWPDB03 (0912038-12)			Lab File ID: M337518.D			Analyzed: 12/04/09 17:44			
Fluorobenzene	2861406	11.9	3078478	11.9	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1936033	17.18	2003916	17.18	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	711012	21.55	733564	21.55	97	50 - 200	0.0000	+/-0.50	
PWPDB04 (0912038-13)			Lab File ID: M337519.D			Analyzed: 12/04/09 18:15			
Fluorobenzene	2743993	11.89	3078478	11.9	89	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1920059	17.19	2003916	17.18	96	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	718288	21.54	733564	21.55	98	50 - 200	-0.0100	+/-0.50	
PWPDB06 (0912038-14)			Lab File ID: M337520.D			Analyzed: 12/04/09 18:47			
Fluorobenzene	2935357	11.9	3078478	11.9	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1994452	17.18	2003916	17.18	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	743665	21.55	733564	21.55	101	50 - 200	0.0000	+/-0.50	
PWPDBTRIP (0912038-15)			Lab File ID: M337521.D			Analyzed: 12/04/09 19:18			
Fluorobenzene	2792424	11.89	3078478	11.9	91	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1948255	17.18	2003916	17.18	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	747526	21.56	733564	21.55	102	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Sequence: BSL0054
Instrument: VOA MS3
Matrix: Aqueous
Calibration: 0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (BSL0054-CCV1)			Lab File ID: M337563.D			Analyzed: 12/08/09 08:49			
Fluorobenzene	2896493	11.89				50 - 200		+/-0.50	
Chlorobenzene-d5	1941357	17.17				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	704355	21.54				50 - 200		+/-0.50	
LCS (BL90815-BS1)			Lab File ID: M337564.D			Analyzed: 12/08/09 09:21			
Fluorobenzene	2787033	11.88	2896493	11.89	96	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1878382	17.17	1941357	17.17	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	698188	21.54	704355	21.54	99	50 - 200	0.0000	+/-0.50	
LCS Dup (BL90815-BSD1)			Lab File ID: M337565.D			Analyzed: 12/08/09 09:53			
Fluorobenzene	2825179	11.89	2896493	11.89	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1843758	17.17	1941357	17.17	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	678813	21.54	704355	21.54	96	50 - 200	0.0000	+/-0.50	
Blank (BL90815-BLK1)			Lab File ID: M337568.D			Analyzed: 12/08/09 11:28			
Fluorobenzene	2718511	11.88	2896493	11.89	94	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1943742	17.18	1941357	17.17	100	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	712044	21.54	704355	21.54	101	50 - 200	0.0000	+/-0.50	
GWMW231D (0912038-02RE1)			Lab File ID: M337572.D			Analyzed: 12/08/09 13:35			
Fluorobenzene	2685671	11.89	2896493	11.89	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1907436	17.17	1941357	17.17	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	703366	21.54	704355	21.54	100	50 - 200	0.0000	+/-0.50	
PWPDB0S (0912038-09)			Lab File ID: M337578.D			Analyzed: 12/08/09 14:07			
Fluorobenzene	2746743	11.89	2896493	11.89	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1946338	17.17	1941357	17.17	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	698034	21.54	704355	21.54	99	50 - 200	0.0000	+/-0.50	
PWPDB0S (0912038-09RE1)			Lab File ID: M337573.D			Analyzed: 12/08/09 14:07			
Fluorobenzene	2687873	11.89	2896493	11.89	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1920767	17.18	1941357	17.17	99	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	675522	21.54	704355	21.54	96	50 - 200	0.0000	+/-0.50	
GWMW232D (0912038-04RE1)			Lab File ID: M337574.D			Analyzed: 12/08/09 14:39			
Fluorobenzene	2772580	11.89	2896493	11.89	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1924076	17.18	1941357	17.17	99	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	678968	21.54	704355	21.54	96	50 - 200	0.0000	+/-0.50	
PWPDB06 (0912038-14RE1)			Lab File ID: M337575.D			Analyzed: 12/08/09 15:10			
Fluorobenzene	2777640	11.89	2896493	11.89	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1947891	17.17	1941357	17.17	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	705388	21.54	704355	21.54	100	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSL0054	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	0911010

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
GWMW232S (0912038-03RE1)			Lab File ID: M337576.D			Analyzed: 12/08/09 15:42			
Fluorobenzene	2801127	11.88	2896493	11.89	97	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1970295	17.17	1941357	17.17	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	703934	21.54	704355	21.54	100	50 - 200	0.0000	+/-0.50	
GWMW230S (0912038-08RE1)			Lab File ID: M337577.D			Analyzed: 12/08/09 16:14			
Fluorobenzene	2703770	11.88	2896493	11.89	93	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	1911359	17.17	1941357	17.17	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	681031	21.54	704355	21.54	97	50 - 200	0.0000	+/-0.50	

INITIAL CALIBRATION STANDARDS
8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	BSK0051	Instrument:	VOA MS3
Calibration:	0911010		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
9K09042	8260 BFB Tune MS-3 AQ	BSK0051-TUN1	M337153.D	11/09/09 10:47
9K09043	8260 ICAL1 MS-3 AQ	BSK0051-CAL1	M337154.D	11/09/09 11:51
9K09044	8260 ICAL2 MS-3 AQ	BSK0051-CAL2	M337155.D	11/09/09 12:22
9K09045	8260 ICAL3 MS-3 AQ	BSK0051-CAL3	M337156.D	11/09/09 12:54
9K09046	8260 ICAL4 MS-3 AQ	BSK0051-CAL4	M337157.D	11/09/09 13:26
9K09047	8260 ICAL5 MS-3 AQ	BSK0051-CAL5	M337158.D	11/09/09 13:58
9K09048	8260 ICAL6 MS-3 AQ	BSK0051-CAL6	M337159.D	11/09/09 14:30
9K09049	8260 ICAL7 MS-3 AQ	BSK0051-CAL7	M337160.D	11/09/09 15:02
9K09050	8260 SCV1 MS-3 AQ	BSK0051-SCV1	M337163.D	11/09/09 16:37

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M337153.D	Injection Date:	11/09/09
Instrument ID:	VOA MS3	Injection Time:	10:47
Sequence:	BSK0051	Lab Sample ID:	BSK0051-TUN1
Calibration:	0911010		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
96	5 - 9% of 95	7.08	PASS
95	Base peak, 100% relative abundance	100	PASS
75	30 - 60% of 95	35.9	PASS
50	15 - 40% of 95	16	PASS
177	5 - 9% of 176	7.31	PASS
176	95 - 101% of 174	96.5	PASS
175	5 - 9% of 174	6.69	PASS
174	50 - 100% of 95	59.6	PASS
173	Less than 2% of 174	0	PASS

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.4	~~0.3392726~~	1	0.2740383	5	0.2654309	10	0.2757396	25	0.3008297	50	0.3127448
1,1,1-Trichloroethane	0.4	~~0.3416471~~	1	0.2754463	5	0.272214	10	0.2684807	25	0.2844001	50	0.296822
1,1,2,2-Tetrachloroethane	0.4	1.012559	1	0.930871	5	0.9139928	10	0.8720645	25	0.9398432	50	0.9218858
1,1,2-Trichloroethane	0.4	~~0.1720247~~	1	0.1676253	5	0.1628179	10	0.1551215	25	0.1687514	50	0.1699688
1,1-Dichloroethane	0.4	~~0.4957146~~	1	0.3893734	5	0.3760482	10	0.3754269	25	0.3931734	50	0.4132098
1,1-Dichloroethene	0.4	~~0.2733817~~	1	0.2393644	5	0.2223305	10	0.2216493	25	0.2319014	50	0.2417631
1,1-Dichloropropene	0.4	~~0.3151417~~	1	0.2576833	5	0.2585009	10	0.2561235	25	0.2741494	50	0.2869178
1,2,3-Trichlorobenzene	0.4	~~0.4311886~~	1	0.4934799	5	0.4868179	10	0.5198396	25	0.5786685	50	0.5896694
1,2,3-Trichloropropane	0.4	~~0.4731298~~	1	0.5977625	5	0.5468246	10	0.5267017	25	0.5776258	50	0.5701132
1,2,4-Trichlorobenzene	0.4	~~0.622102~~	1	0.6430077	5	0.6197479	10	0.6576704	25	0.7312651	50	0.7545141
1,2,4-Trimethylbenzene	0.4	~~2.269749~~	1	2.243361	5	2.267186	10	2.32743	25	2.50237	50	2.62097
1,2-Dibromo-3-Chloropropane	0.4		1	7.384443E-02	5	7.531143E-02	10	0.0807079	25	9.317223E-02	50	8.800253E-02
1,2-Dibromoethane	0.4	~~0.3333522~~	1	0.2797535	5	0.2822472	10	0.2911749	25	0.3244168	50	0.3300886
1,2-Dichlorobenzene	0.4	~~1.470929~~	1	1.370545	5	1.313977	10	1.313692	25	1.400835	50	1.429914
1,2-Dichloroethane	0.4	~~0.2301203~~	1	0.201646	5	0.1928944	10	0.1860031	25	0.1966174	50	0.199427
1,2-Dichloropropane	0.4	~~0.2494989~~	1	0.2321851	5	0.2257359	10	0.2294079	25	0.2414837	50	0.2490507
1,3,5-Trimethylbenzene	0.4	~~2.268539~~	1	1.982005	5	2.121521	10	2.191014	25	2.349234	50	2.441891
1,3-Dichlorobenzene	0.4	~~1.563845~~	1	1.403171	5	1.370735	10	1.345148	25	1.443403	50	1.485155
1,3-Dichloropropane	0.4	~~0.4408531~~	1	0.408726	5	0.3890373	10	0.4093344	25	0.4554347	50	0.4625537
1,4-Dichlorobenzene	0.4	~~1.90115~~	1	1.675815	5	1.521939	10	1.525268	25	1.541016	50	1.570289
1,4-Dioxane - Screen	8		20		100	4.653316E-04	200	6.574251E-04	500	7.495236E-04	1000	7.714071E-04
1-Chlorohexane	0.4	~~0.4057097~~	1	0.3060777	5	0.2733088	10	0.2913278	25	0.3254054	50	0.3425729
2,2-Dichloropropane	0.4	~~0.2326427~~	1	0.1984578	5	0.193434	10	0.1967837	25	0.2173967	50	0.2286881
2-Butanone	2		5	~~7.052709E-03~~	25	1.004364E-02	50	1.073069E-02	125	1.262539E-02	250	1.248041E-02
2-Chlorotoluene	0.4	~~2.666013~~	1	2.277953	5	2.151919	10	2.215478	25	2.315163	50	2.398193
2-Hexanone	2	~~0.1227541~~	5	0.112671	25	0.1314058	50	0.132512	125	0.1667894	250	0.1588175
4-Chlorotoluene	0.4	~~2.53043~~	1	2.262036	5	2.281042	10	2.273912	25	2.427154	50	2.503207
4-Isopropyltoluene	0.4	~~2.073189~~	1	1.864405	5	1.942223	10	2.008671	25	2.14409	50	2.303448
4-Methyl-2-Pentanone	2	~~4.383797E-02~~	5	4.422456E-02	25	4.922168E-02	50	4.865071E-02	125	5.701922E-02	250	5.515543E-02
Acetone	2	~~1.735662E-02~~	5	~~1.590565E-02~~	25	1.051868E-02	50	1.012376E-02	125	1.066204E-02	250	1.022799E-02
Benzene	0.4	~~1.061136~~	1	0.8986028	5	0.8927718	10	0.8863936	25	0.9320246	50	0.9723414

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	0.4	~~0.8317277~~	1	0.8325808	5	0.8363721	10	0.8867271	25	0.9601242	50	0.985074
Bromochloromethane	0.4	~~0.1544679~~	1	0.1425595	5	0.1338296	10	0.1330031	25	0.1411309	50	0.1400162
Bromodichloromethane	0.4	0.2849128	1	0.2713625	5	0.2612964	10	0.2609259	25	0.2828976	50	0.2962421
Bromoform	0.4	~~0.1722757~~	1	0.1721482	5	0.1745576	10	0.1820109	25	0.2030982	50	0.2037354
Bromomethane	0.4	~~0.1941259~~	1	0.1376961	5	0.1237084	10	0.132214	25	0.149175	50	0.166339
Carbon Disulfide	0.4	~~0.9688276~~	1	0.829774	5	0.7845083	10	0.7786169	25	0.8051507	50	0.8326276
Carbon Tetrachloride	0.4	~~0.2847526~~	1	0.2317142	5	0.2286628	10	0.227206	25	0.2418994	50	0.2576508
Chlorobenzene	0.4	~~1.146084~~	1	0.9809764	5	0.9180016	10	0.9449121	25	1.009789	50	1.028456
Chloroethane	0.4		1	0.1421041	5	0.1160356	10	0.1157197	25	0.1152724	50	0.1149974
Chloroform	0.4	~~0.542099~~	1	0.4145165	5	0.3850354	10	0.3801093	25	0.3942345	50	0.4094532
Chloromethane	0.4	~~0.394838~~	1	0.2952627	5	0.2640033	10	0.2483427	25	0.2463019	50	0.2492085
cis-1,2-Dichloroethene	0.4	~~0.352017~~	1	0.2922211	5	0.2918727	10	0.2930752	25	0.3033974	50	0.3139863
cis-1,3-Dichloropropene	0.4	0.2792674	1	0.2669546	5	0.2767565	10	0.2762363	25	0.3071433	50	0.327384
Dibromochloromethane	0.4	0.3671832	1	0.2959147	5	0.2834858	10	0.3038537	25	0.3460725	50	0.3486401
Dibromomethane	0.4	~~0.1941058~~	1	0.1814899	5	0.1564917	10	0.1537568	25	0.1642729	50	0.1665484
Dichlorodifluoromethane	0.4	~~0.297625~~	1	0.2265497	5	0.2181977	10	0.2087905	25	0.2095771	50	0.2096017
Diethyl Ether	0.4	~~0.1446785~~	1	0.1369705	5	0.1316944	10	0.1277628	25	0.1427198	50	0.147433
Di-isopropyl ether	0.4	~~0.945265~~	1	0.7962088	5	0.7593625	10	0.7822125	25	0.8356565	50	0.8626853
Ethyl tertiary-butyl ether	0.4	~~0.5173553~~	1	0.4647331	5	0.4633569	10	0.4651755	25	0.5189402	50	0.529832
Ethylbenzene	0.4	~~1.392263~~	1	1.261115	5	1.22991	10	1.303793	25	1.448359	50	1.493365
Hexachlorobutadiene	0.4	0.2880236	1	0.3059043	5	0.2699149	10	0.2880979	25	0.2965175	50	0.3171643
Hexachloroethane	0.4	~~0.339805~~	1	0.4239475	5	0.3982383	10	0.4155852	25	0.4477842	50	0.4766827
Isopropylbenzene	0.4	~~2.800225~~	1	2.550629	5	2.691676	10	2.799173	25	3.017323	50	3.19477
Methyl tert-Butyl Ether	0.4	~~0.3808046~~	1	0.3322091	5	0.3208396	10	0.3193566	25	0.3523086	50	0.358138
Methylene Chloride	0.4	~~0.4005635~~	1	0.3137668	5	0.2944665	10	0.2840104	25	0.2869195	50	0.2894269
Naphthalene	0.4	~~0.9336773~~	1	1.080557	5	1.09511	10	1.134031	25	1.349804	50	1.399968
n-Butylbenzene	0.4	~~1.631838~~	1	1.522704	5	1.657615	10	1.764641	25	1.962076	50	2.084962
n-Propylbenzene	0.4	~~2.978879~~	1	2.756911	5	2.963209	10	3.10167	25	3.375406	50	3.560876
sec-Butylbenzene	0.4	~~2.448886~~	1	2.332425	5	2.394455	10	2.541776	25	2.720594	50	2.869035
Styrene	0.4	~~0.8131401~~	1	0.7635815	5	0.8008606	10	0.8726929	25	0.9996608	50	1.037654
tert-Butylbenzene	0.4	~~1.609496~~	1	1.489413	5	1.479268	10	1.56933	25	1.726849	50	1.829396

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	0.4	~~0.4817212~~	1	0.3851894	5	0.37494	10	0.3684581	25	0.3960193	50	0.395445
Tetrachloroethene	0.4	~~0.2570865~~	1	0.2457902	5	0.2119424	10	0.221591	25	0.2341099	50	0.2351139
Tetrahydrofuran	0.4	~~1.727654E-02~~	1	~~5.802891E-02~~	5	3.897047E-02	10	3.667237E-02	25	4.249663E-02	50	3.671623E-02
Toluene	0.4	~~0.7897561~~	1	0.6034945	5	0.5887022	10	0.578211	25	0.6012394	50	0.6189156
trans-1,2-Dichloroethene	0.4	~~0.2919595~~	1	0.2705288	5	0.2393313	10	0.2449443	25	0.2547599	50	0.2693199
trans-1,3-Dichloropropene	0.4	0.2023938	1	0.1833735	5	0.1981599	10	0.1989523	25	0.232201	50	0.2501415
Trichloroethene	0.4	~~0.3322181~~	1	0.2701274	5	0.2481672	10	0.2448672	25	0.2588469	50	0.2672291
Trichlorofluoromethane	0.4	~~0.4048476~~	1	0.2854741	5	0.2721468	10	0.2707478	25	0.2805617	50	0.2901524
Vinyl Acetate	0.4	~~0.4209831~~	1	0.3728456	5	0.3453098	10	0.3322451	25	0.3813204	50	0.4004412
Vinyl Chloride	0.4	~~0.290398~~	1	0.2335052	5	0.2202824	10	0.2066108	25	0.2098735	50	0.2086592
Xylene O	0.4	~~0.5456709~~	1	0.4952924	5	0.5085095	10	0.5240943	25	0.5683379	50	0.5850811
Xylene P,M	0.8	~~0.5226746~~	2	0.47839	10	0.4932398	20	0.5257488	50	0.570126	100	0.5806568
1,2-Dichloroethane-d4	0.4	~~0.2121431~~	1	0.1661586	5	0.1667934	10	0.1627534	25	0.1722853	50	0.1727883
4-Bromofluorobenzene	0.4	~~0.4912497~~	1	0.4311457	5	0.3952023	10	0.4202818	25	0.4539967	50	0.4650718
Dibromofluoromethane	0.4	~~0.3797035~~	1	0.3126938	5	0.291457	10	0.295792	25	0.3076072	50	0.3193165
Toluene-d8	0.4	~~1.49816~~	1	1.234757	5	1.153294	10	1.232076	25	1.324495	50	1.367859

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	100	0.3299943										
1,1,1-Trichloroethane	100	0.3097543										
1,1,2,2-Tetrachloroethane	100	0.9228712										
1,1,2-Trichloroethane	100	0.1703783										
1,1-Dichloroethane	100	0.4192066										
1,1-Dichloroethene	100	0.2453317										
1,1-Dichloropropene	100	0.2967924										
1,2,3-Trichlorobenzene	100	0.6148987										
1,2,3-Trichloropropane	100	0.5613264										
1,2,4-Trichlorobenzene	100	0.7847503										
1,2,4-Trimethylbenzene	100	2.670591										
1,2-Dibromo-3-Chloropropane	100	9.233604E-02										
1,2-Dibromoethane	100	0.3485258										
1,2-Dichlorobenzene	100	1.464467										
1,2-Dichloroethane	100	0.2037667										
1,2-Dichloropropane	100	0.2573										
1,3,5-Trimethylbenzene	100	2.522071										
1,3-Dichlorobenzene	100	1.536609										
1,3-Dichloropropane	100	0.485781										
1,4-Dichlorobenzene	100	1.62195										
1,4-Dioxane - Screen	2000	7.830609E-04										
1-Chlorohexane	100	0.3674909										
2,2-Dichloropropane	100	0.2390185										
2-Butanone	500	1.338682E-02										
2-Chlorotoluene	100	2.463207										
2-Hexanone	500	0.172347										
4-Chlorotoluene	100	2.584713										
4-Isopropyltoluene	100	2.416576										
4-Methyl-2-Pentanone	500	5.619383E-02										
Acetone	500	9.924578E-03										
Benzene	100	1.00172										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	100	1.020246										
Bromochloromethane	100	0.1390065										
Bromodichloromethane	100	0.3035327										
Bromoform	100	0.2255241										
Bromomethane	100	0.1820274										
Carbon Disulfide	100	0.8401441										
Carbon Tetrachloride	100	0.2716406										
Chlorobenzene	100	1.080816										
Chloroethane	100	0.1128682										
Chloroform	100	0.4240161										
Chloromethane	100	0.2546514										
cis-1,2-Dichloroethene	100	0.3208949										
cis-1,3-Dichloropropene	100	0.3423572										
Dibromochloromethane	100	0.3788576										
Dibromomethane	100	0.1658536										
Dichlorodifluoromethane	100	0.2113856										
Diethyl Ether	100	0.1531342										
Di-isopropyl ether	100	0.8908938										
Ethyl tertiary-butyl ether	100	0.5475237										
Ethylbenzene	100	1.557832										
Hexachlorobutadiene	100	0.3354353										
Hexachloroethane	100	0.5007993										
Isopropylbenzene	100	3.318087										
Methyl tert-Butyl Ether	100	0.3763865										
Methylene Chloride	100	0.2840789										
Naphthalene	100	1.509916										
n-Butylbenzene	100	2.195882										
n-Propylbenzene	100	3.699872										
sec-Butylbenzene	100	2.985717										
Styrene	100	1.121326										
tert-Butylbenzene	100	1.903115										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	100	0.411003										
Tetrachloroethene	100	0.2495957										
Tetrahydrofuran	100	3.965352E-02										
Toluene	100	0.6168126										
trans-1,2-Dichloroethene	100	0.2783592										
trans-1,3-Dichloropropene	100	0.2626817										
Trichloroethene	100	0.2739992										
Trichlorofluoromethane	100	0.3219452										
Vinyl Acetate	100	0.428974										
Vinyl Chloride	100	0.199533										
Xylene O	100	0.6193239										
Xylene P,M	200	0.6129679										
1,2-Dichloroethane-d4	100	0.1749358										
4-Bromofluorobenzene	100	0.4885798										
Dibromofluoromethane	100	0.3261586										
Toluene-d8	100	1.420703										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	0911010	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	11/09/09 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2931296	8.680353	17.09667	4.747962E-02			15	
1,1,1-Trichloroethane	0.2845196	5.62166	10.90333	4.696305E-02			15	
1,1,2,2-Tetrachloroethane	0.9305839	4.525354	18.58143	2.220922E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.1657772	3.551339	14.61	1.201016E-02			15	
1,1-Dichloroethane	0.3944064	4.665113	8.523334	6.075473E-02			SPCC (0.1)	
1,1-Dichloroethene	0.2337234	4.321594	6.843333	7.492795E-02			CCC (30)	
1,1-Dichloropropene	0.2716946	6.333456	11.20333	4.538384E-02			15	
1,2,3-Trichlorobenzene	0.547229	9.894073	25.12	3.062307E-02			15	
1,2,3-Trichloropropane	0.5633924	4.386737	18.85167	1.722381E-02			15	
1,2,4-Trichlorobenzene	0.6984926	9.62484	24.47167	2.441296E-02			15	
1,2,4-Trimethylbenzene	2.438651	7.583504	21.25833	1.928005E-02			15	
1,2-Dibromo-3-Chloropropane	8.389576E-02	10.10058	22.63333	3.891093E-02			15	
1,2-Dibromoethane	0.3093678	9.293004	15.81667	5.131649E-02			15	
1,2-Dichlorobenzene	1.382238	4.445088	22.03	1.352857E-02			15	
1,2-Dichloroethane	0.1967258	3.30013	10.75833	6.961422E-02			15	
1,2-Dichloropropane	0.2391939	5.141541	12.48333	3.572834E-02			CCC (30)	
1,3,5-Trimethylbenzene	2.267956	9.048433	20.685	2.388171E-02			15	
1,3-Dichlorobenzene	1.430704	5.041823	21.48333	2.573779E-02			15	
1,3-Dichloropropane	0.4351445	8.730919	14.99667	5.354729E-02			15	
1,4-Dichlorobenzene	1.576046	3.89349	21.57667	2.949674E-02			15	
1,4-Dioxane - Screen	6.853497E-04	19.33793	12.858	0.1286021	0.99998		0.99	
1-Chlorohexane	0.3176972	10.86583	17.135	2.490055E-02			15	
2,2-Dichloropropane	0.2122965	8.92918	9.863333	0.0562045			15	
2-Butanone	1.185339E-02	11.83821	9.248	0.1774871			15	
2-Chlorotoluene	2.303652	4.986807	20.32167	9.520208E-03			15	
2-Hexanone	0.1457571	16.22396	15.28667	8.012398E-02	0.99927		0.99	
4-Chlorotoluene	2.388677	5.73471	20.46	4.644971E-02			15	
4-Isopropyltoluene	2.113235	10.17658	21.66	1.944104E-02			15	
4-Methyl-2-Pentanone	5.174424E-02	9.919967	13.87	0.0643923			15	
Acetone	1.029141E-02	2.897644	6.23	0.1129895			15	
Benzene	0.9306424	5.088201	11.54	5.558068E-02			15	
Bromobenzene	0.9201874	8.644367	19.77167	0.0334538			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 11/09/09 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Bromochloromethane	0.1382576	2.850001	9.67	1.613194E-02			15	
Bromodichloromethane	0.2801671	5.897753	12.62714	4.294941E-02			15	
Bromoform	0.1935124	10.76344	18.05833	1.529436E-02			SPCC (0.1)	
Bromomethane	0.1485266	14.87126	4.855	0.1723356			15	
Carbon Disulfide	0.8118036	3.235894	7.393333	7.091848E-02			15	
Carbon Tetrachloride	0.243129	7.399848	11.47	2.519655E-02			15	
Chlorobenzene	0.9938252	5.923585	17.22667	3.517413E-02			SPCC (0.3)	
Chloroethane	0.1194996	9.313693	5.096667	0.1006095	0.99996		0.99	
Chloroform	0.4012275	4.346493	9.743333	4.998733E-02			CCC (30)	
Chloromethane	0.2596284	7.158794	3.926667	0.1316055	0.99991		SPCC (0.1)	
cis-1,2-Dichloroethene	0.3025746	4.123903	9.42	2.007992E-02			15	
cis-1,3-Dichloropropene	0.2965856	9.868849	13.66286	5.447995E-02			15	
Dibromochloromethane	0.3320011	11.24074	15.42143	4.407523E-02			15	
Dibromomethane	0.1647356	5.91011	12.42333	4.721233E-02			15	
Dichlorodifluoromethane	0.214017	3.290694	3.646667	0.1402336			15	
Diethyl Ether	0.1399525	6.876209	6.42	0.138681			15	
Di-isopropyl ether	0.8211699	6.150843	9.27	1.389425E-02			15	
Ethyl tertiary-butyl ether	0.4982602	7.6625	9.88	7.915292E-03			15	
Ethylbenzene	1.382396	9.79014	17.57	1.494183E-02			CCC (30)	
Hexachlorobutadiene	0.3001511	7.180868	24.91286	3.522779E-02			15	
Hexachloroethane	0.4438395	8.791062	22.70667	2.966284E-02			15	
Isopropylbenzene	2.92861	10.20003	19.30333	3.796303E-02			15	
Methyl tert-Butyl Ether	0.3432064	6.6401	8.346667	5.953642E-02			15	
Methylene Chloride	0.2921115	3.869507	7.096667	0.0732963			15	
Naphthalene	1.261564	14.41503	24.83	2.173907E-02			15	
n-Butylbenzene	1.864647	13.93408	22.18	1.526915E-02			15	
n-Propylbenzene	3.242991	11.21885	20.17667	3.799732E-02			15	
sec-Butylbenzene	2.640667	9.918733	21.405	2.716705E-02			15	
Styrene	0.9326293	15.21387	18.47167	3.921715E-02	0.99931		0.99	
tert-Butylbenzene	1.666228	10.80354	21.09333	2.885018E-02			15	
Tertiary-amyl methyl ether	0.3885091	4.000276	11.825	4.365905E-02			15	
Tetrachloroethene	0.2330238	6.124225	16.11	2.648718E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	0912038
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	0911010	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	11/09/09 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	3.890184E-02	6.196044	10.29	0.1542977			15	
Toluene	0.6012292	2.627237	14.91667	3.171421E-02			CCC (30)	
trans-1,2-Dichloroethene	0.2595406	6.005787	8.141667	4.962258E-02			15	
trans-1,3-Dichloropropene	0.218272	13.78203	14.37	4.388809E-02			15	
Trichloroethene	0.2605395	4.603894	12.55167	6.078222E-02			15	
Trichlorofluoromethane	0.286838	6.539895	5.996667	8.558329E-02			15	
Vinyl Acetate	0.376856	9.414509	8.796667	0.1368271			15	
Vinyl Chloride	0.2130774	5.648402	4.225	0.1288214			CCC (30)	
Xylene O	0.5501065	8.815347	18.59333	2.878283E-02			15	
Xylene P,M	0.5435216	9.734149	17.89833	3.670462E-02			15	
1,2-Dichloroethane-d4	0.1692858	2.793936	10.63833	4.135286E-02			15	
4-Bromofluorobenzene	0.4423797	7.581646	19.36	4.691607E-02			15	
Dibromofluoromethane	0.3088375	4.34051	9.94	1.841074E-02			15	
Toluene-d8	1.288864	7.713862	14.80333	3.454713E-02			15	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Laboratory ID: BSK0051-SCV1
Sequence: BSK0051
Standard ID: 9K09050

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
1,1,1,2-Tetrachloroethane	10.00	10.0	0.0	
1,1,1-Trichloroethane	10.00	9.70	-3.0	
1,1,2,2-Tetrachloroethane	10.00	9.89	-1.1	
1,1,2-Trichloroethane	10.00	9.90	-1.0	
1,1-Dichloroethane	10.00	10.0	0.0	
1,1-Dichloroethene	10.00	9.76	-2.4	
1,1-Dichloropropene	10.00	9.63	-3.7	
1,2,3-Trichlorobenzene	10.00	9.96	-0.4	
1,2,3-Trichloropropane	10.00	9.89	-1.1	
1,2,4-Trichlorobenzene	10.00	9.36	-6.4	
1,2,4-Trimethylbenzene	10.00	10.5	5.4	
1,2-Dibromo-3-Chloropropane	10.00	10.0	0.4	
1,2-Dibromoethane	10.00	9.68	-3.2	
1,2-Dichlorobenzene	10.00	10.0	0.4	
1,2-Dichloroethane	10.00	9.99	-0.1	
1,2-Dichloropropane	10.00	10.0	0.5	
1,3,5-Trimethylbenzene	10.00	10.2	1.8	
1,3-Dichlorobenzene	10.00	9.76	-2.4	
1,3-Dichloropropane	10.00	9.85	-1.5	
1,4-Dichlorobenzene	10.00	9.98	-0.2	
1,4-Dioxane - Screen	200.0	154	-23.1	
1-Chlorohexane	10.00	9.41	-5.9	
2,2-Dichloropropane	10.00	8.39	-16.1	
2-Butanone	50.00	48.4	-3.2	
2-Chlorotoluene	10.00	9.80	-2.0	
2-Hexanone	50.00	48.9	-2.2	
4-Chlorotoluene	10.00	9.70	-3.0	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Laboratory ID: BSK0051-SCV1
Sequence: BSK0051
Standard ID: 9K09050

4-Isopropyltoluene	10.00	9.19	-8.1	
4-Methyl-2-Pentanone	50.00	48.8	-2.4	
Acetone	50.00	49.3	-1.5	
Benzene	10.00	10.2	2.2	
Bromobenzene	10.00	10.2	1.5	
Bromochloromethane	10.00	9.80	-2.0	
Bromodichloromethane	10.00	10.0	0.1	
Bromoform	10.00	9.19	-8.1	
Bromomethane	10.00	9.04	-9.6	
Carbon Disulfide	10.00	10.5	5.3	
Carbon Tetrachloride	10.00	9.69	-3.1	
Chlorobenzene	10.00	9.74	-2.6	
Chloroethane	10.00	10.5	5.3	
Chloroform	10.00	9.81	-1.9	
Chloromethane	10.00	10.4	4.4	
cis-1,2-Dichloroethene	10.00	9.69	-3.1	
cis-1,3-Dichloropropene	10.00	9.90	-1.0	
Dibromochloromethane	10.00	9.49	-5.1	
Dibromomethane	10.00	9.77	-2.3	
Dichlorodifluoromethane	10.00	9.94	-0.6	
Diethyl Ether	10.00	10.1	1.2	
Di-isopropyl ether	10.00	9.91	-0.9	
Ethyl tertiary-butyl ether	10.00	9.53	-4.7	
Ethylbenzene	10.00	10.1	1.1	
Hexachlorobutadiene	10.00	11.4	13.5	
Hexachloroethane	10.00	9.36	-6.4	
Isopropylbenzene	10.00	8.53	-14.7	
Methyl tert-Butyl Ether	10.00	9.77	-2.3	
Methylene Chloride	10.00	10.5	5.3	

SECOND-SOURCE CALIBRATION VERIFICATION

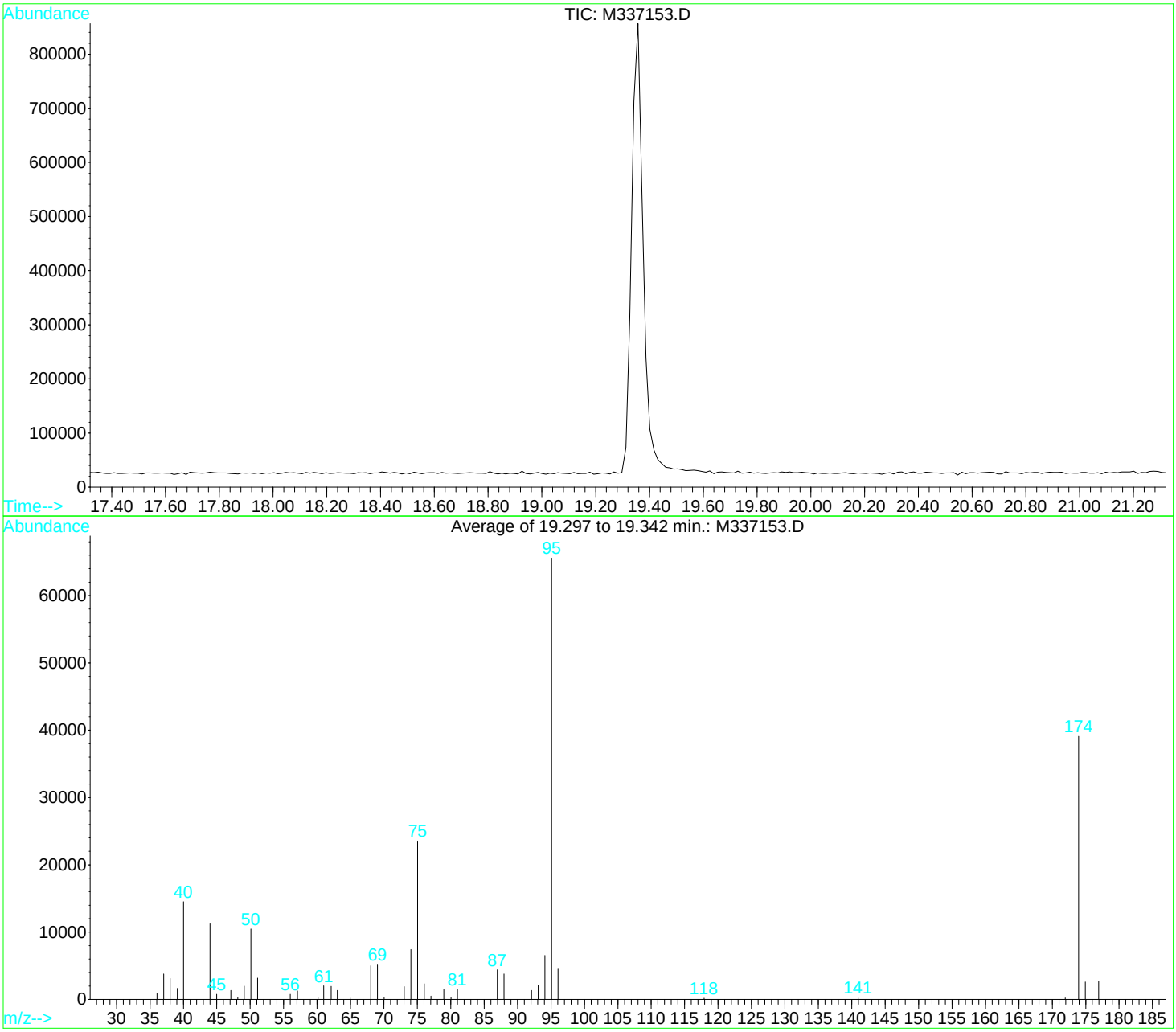
8260B

Laboratory: ESS Laboratory
SDG: 0912038
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 0911010
Laboratory ID: BSK0051-SCV1
Sequence: BSK0051
Standard ID: 9K09050

Naphthalene	10.00	9.61	-3.9	
n-Butylbenzene	10.00	9.51	-4.9	
n-Propylbenzene	10.00	9.67	-3.3	
sec-Butylbenzene	10.00	9.67	-3.3	
Styrene	10.00	9.90	-1.0	
tert-Butylbenzene	10.00	9.76	-2.4	
Tertiary-amyl methyl ether	10.00	9.83	-1.7	
Tetrachloroethene	10.00	9.74	-2.6	
Tetrahydrofuran	10.00	10.1	0.8	
Toluene	10.00	11.4	14.3	
trans-1,2-Dichloroethene	10.00	10.4	4.5	
trans-1,3-Dichloropropene	10.00	8.63	-13.7	
Trichloroethene	10.00	9.79	-2.1	
Trichlorofluoromethane	10.00	8.35	-16.5	
Vinyl Acetate	10.00	9.97	-0.3	
Vinyl Chloride	10.00	9.75	-2.5	
Xylene O	10.00	10.3	2.6	
Xylene P,M	20.00	20.7	3.3	

* Values outside of QC limits

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337153.D Vial: 1
Acq On : 9 Nov 2009 10:47 am Operator: MD
Sample : BSK0051-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013



Spectrum Information: Average of 19.297 to 19.342 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.0	10469	PASS
75	95	30	60	35.9	23556	PASS
95	95	100	100	100.0	65584	PASS
96	95	5	9	7.1	4642	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	59.6	39099	PASS
175	174	5	9	6.7	2614	PASS
176	174	95	101	96.5	37715	PASS
177	176	5	9	7.3	2756	PASS

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337154.D Vial: 2
Acq On : 9 Nov 2009 11:51 am Operator: MD
Sample : BSK0051-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:21 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	3122008	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.17	117	2143004	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	774893	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	18967	0.51	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	2.04%#		
41) 1,2-Dichloroethane-d4(SURR	10.64	65	10597	0.51	ug/l	-0.02
Spiked Amount 25.000			Recovery =	2.04%		
59) Toluene-d8 (SURR)	14.80	98	51369	0.46	ug/l	-0.02
Spiked Amount 25.000			Recovery =	1.84%		
75) Bromofluorobenzene (SURR)	19.37	95	16844	0.44	ug/l	0.00
Spiked Amount 25.000			Recovery =	1.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	14867	0.55	ug/l	96
3) Chloromethane	3.93	50	19723	0.56	ug/l	100
4) Vinyl Chloride	4.22	62	14506	0.54	ug/l	94
5) Bromomethane	4.85	94	9697	0.58	ug/l	71
7) Trichlorofluoromethane	5.99	101	20223	0.47	ug/l	90
8) Diethyl ether	6.43	59	7227	0.36	ug/l	89
9) Acrolein	6.01	56	1909	Below Cal		71
10) Acetone	6.23	58	4335	2.96	ug/l #	59
11) Iodomethane	6.89	142	17063	0.43	ug/l	90
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	10950	0.39	ug/l	85
13) Methyl Acetate	7.26	43	8831	0.51	ug/l	59
14) Allyl Chloride	7.23	41	21254	0.36	ug/l	99
15) Carbon Disulfide	7.39	76	48395	0.47	ug/l	96
16) 1,1-Dichloroethene	6.84	96	13656	0.44	ug/l	97
17) Methylene Chloride	7.10	84	20009	0.54	ug/l	85
18) Methyl tert-Butyl Ether	8.35	73	19022	0.37	ug/l	80
19) Acrylonitrile	6.98	53	813	0.11	ug/l #	17
20) trans-1,2-Dichloroethene	8.15	96	14584	0.43	ug/l	82
21) 1,1-Dichloroethane	8.52	63	24762	0.48	ug/l	95
22) Vinyl Acetate	8.82	43	21029	0.36	ug/l	80
23) Chloroprene	9.10	53	12291	0.32	ug/l	84
25) Di-isopropyl ether	9.27	45	47218	0.38	ug/l	91
26) Methacrylonitrile	9.40	41	7069	0.47	ug/l #	29
27) cis-1,2 Dichloroethene	9.42	96	17584	0.46	ug/l	92
28) Methyl Acrylate	9.91	55	780	Below Cal		61
29) Ethyl tertiary-butyl ether	9.89	59	25843	0.35	ug/l	91
30) 2,2-Dichloropropane	9.86	77	11621	0.38	ug/l	88
31) Bromochloromethane	9.67	128	7716	0.43	ug/l	95
32) Tetrahydrofuran	10.34	42	863	0.15	ug/l #	39
33) Chloroform	9.74	83	27079	0.53	ug/l	95
35) 1-Chlorobutane	10.90	56	19762	0.39	ug/l	92
36) 1,1,1-Trichloroethane	10.90	97	17066	0.45	ug/l	90
37) 1,1-Dichloropropene	11.20	75	15742	0.44	ug/l	93
38) Cyclohexane	11.32	56	15014	0.41	ug/l	89
39) Carbon Tetrachloride	11.47	117	14224	0.47	ug/l	98
40) Benzene	11.54	78	53006	0.44	ug/l	100
42) 1,2-Dichloroethane	10.77	62	11495	0.47	ug/l	80
43) Tertiary-amyl methyl ether	11.83	73	24063	0.39	ug/l	92
44) Trichloroethene	12.55	95	16595	0.49	ug/l	96
45) 1,2-Dichloropropane	12.48	63	12463	0.40	ug/l	74
46) Dibromomethane	12.42	93	9696	0.48	ug/l	94
47) 2-Nitropropane	12.58	43	1876	3.22	ug/l #	5
48) Bromodichloromethane	12.63	83	14232	0.40	ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337154.D Vial: 2
Acq On : 9 Nov 2009 11:51 am Operator: MD
Sample : BSK0051-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:21 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

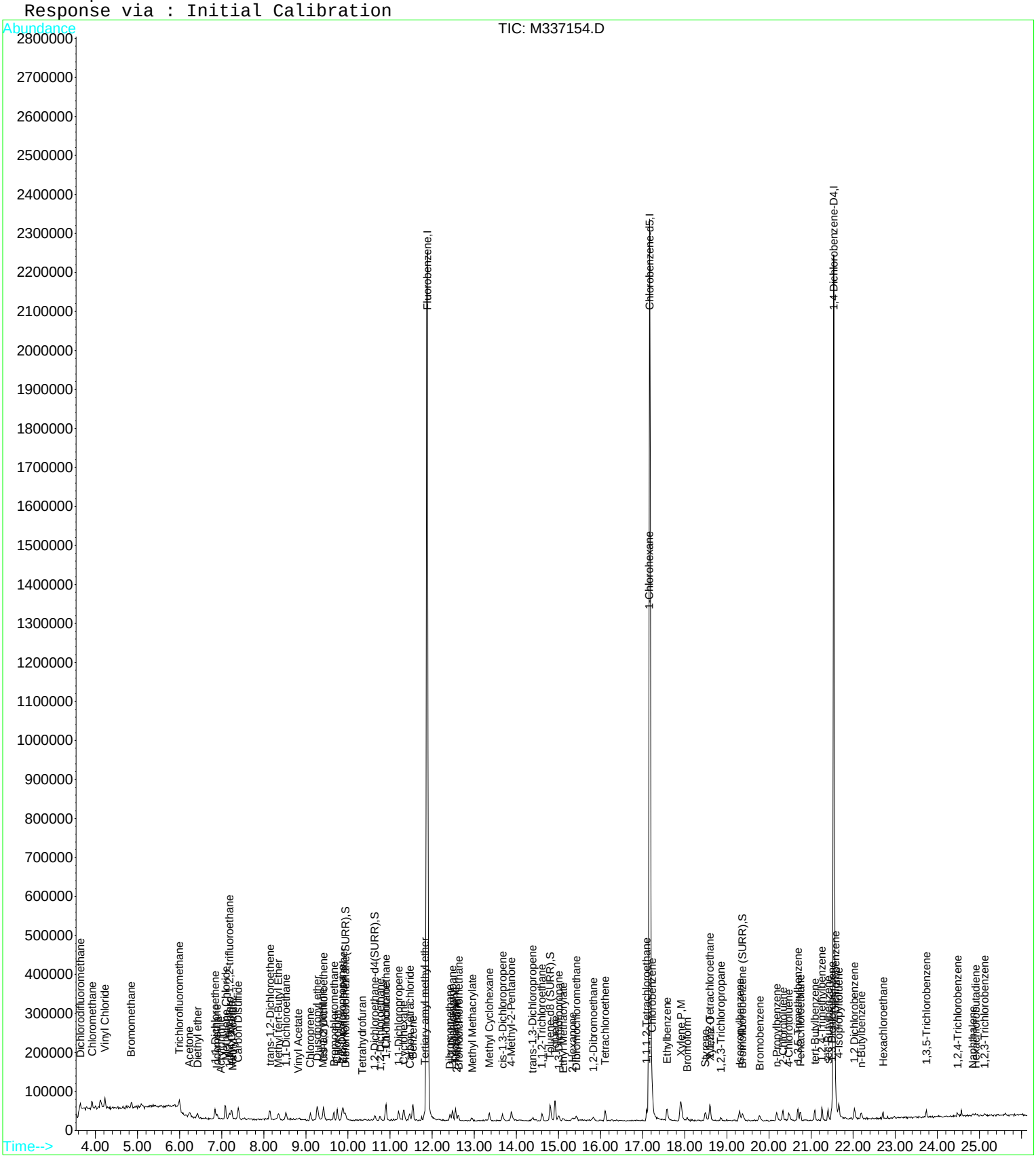
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
50)	Methyl Methacrylate	12.96	41	4742	0.23 ug/l		80
52)	Methyl Cyclohexane	13.36	83	11435	0.41 ug/l		92
53)	4-Methyl-2-Pentanone	13.88	58	10949	1.44 ug/l		92
54)	cis-1,3-Dichloropropene	13.67	75	13950	0.34 ug/l		98
55)	trans-1,3-Dichloropropene	14.38	75	10110	0.34 ug/l	#	37
56)	1,1,2-Trichloroethane	14.61	83	8593	0.42 ug/l		95
57)	Toluene	14.92	92	39450	0.52 ug/l		96
60)	Ethyl Methacrylate	15.11	69	5302	0.21 ug/l		73
61)	2-Hexanone	15.34	43	21045	1.45 ug/l		86
62)	1,3-Dichloropropane	15.01	76	15116	0.41 ug/l		85
63)	Tetrachloroethene	16.11	164	8815	0.43 ug/l		94
64)	Dibromochloromethane	15.43	129	12590	0.47 ug/l		91
65)	1,2-Dibromoethane	15.83	107	11430	0.43 ug/l		85
66)	1-Chlorohexane	17.15	91	13911	0.46 ug/l	#	19
67)	Chlorobenzene	17.22	112	39297	0.47 ug/l		94
68)	1,1,1,2-Tetrachloroethane	17.09	131	11633	0.46 ug/l		95
69)	Ethylbenzene	17.58	91	47738	0.39 ug/l		94
70)	Xylene P,M	17.91	106	35843	0.75 ug/l		88
71)	Xylene O	18.61	106	18710	0.39 ug/l		81
72)	Styrene	18.49	104	27881	0.33 ug/l		83
73)	Bromoform	18.06	173	5907	0.41 ug/l		86
78)	1,2,3-Trichloropropane	18.86	75	5866	0.33 ug/l		71
79)	Isopropylbenzene	19.31	105	34718	0.36 ug/l		99
80)	Bromobenzene	19.78	156	10312	0.34 ug/l		98
81)	1,1,2,2-Tetrachloroethane	18.59	83	12554	0.25 ug/l		94
82)	n-Propylbenzene	20.18	91	36933	0.35 ug/l		97
83)	2-Chlorotoluene	20.33	91	33054	0.45 ug/l		95
84)	4-Chlorotoluene	20.47	91	31373	0.40 ug/l		93
85)	1,3,5-Trimethylbenzene	20.69	105	28126	0.37 ug/l		97
86)	Pentachloroethane	20.75	119	12020	0.76 ug/l		90
87)	tert-Butylbenzene	21.09	119	19955	0.36 ug/l		94
88)	1,2,4-Trimethylbenzene	21.26	105	28141	0.35 ug/l		97
89)	sec-Butylbenzene	21.40	105	30362	0.36 ug/l		100
90)	1,3 Dichlorobenzene	21.49	146	19389	0.42 ug/l		99
91)	4-Isopropyltoluene	21.66	119	25704	0.37 ug/l		90
92)	1,4 Dichlorobenzene	21.58	146	23571	0.47 ug/l		93
93)	n-Butylbenzene	22.19	91	20232	0.33 ug/l		99
94)	1,2 Dichlorobenzene	22.03	146	18237	0.41 ug/l		84
96)	Hexachloroethane	22.71	117	4213	0.37 ug/l	#	76
97)	1,3,5-Trichlorobenzene	23.74	180	9784	0.39 ug/l		98
98)	1,2,4-Trichlorobenzene	24.48	180	7713	0.35 ug/l		96
99)	Hexachlorobutadiene	24.91	225	3571	0.37 ug/l		85
100)	Naphthalene	24.84	128	11576	0.26 ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	5346	0.31 ug/l	#	69

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337154.D Vial: 2
Acq On : 9 Nov 2009 11:51 am Operator: MD
Sample : BSK0051-CAL1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:21 2009 Quant Results File: AQ101609.RES

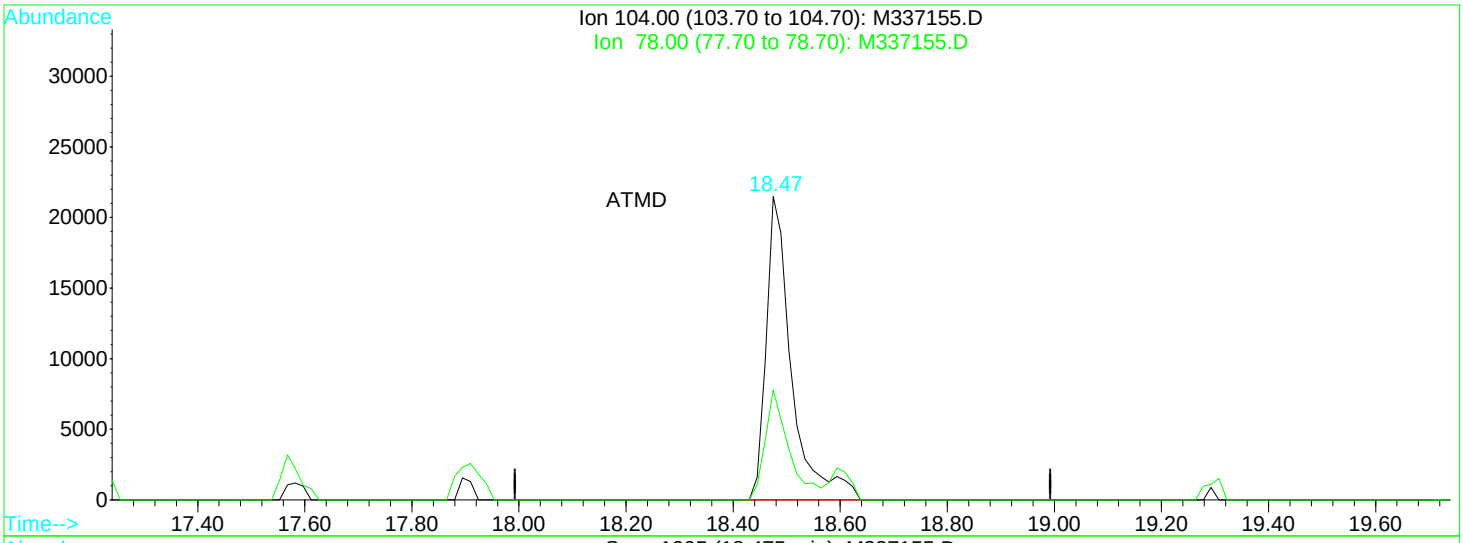
Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration

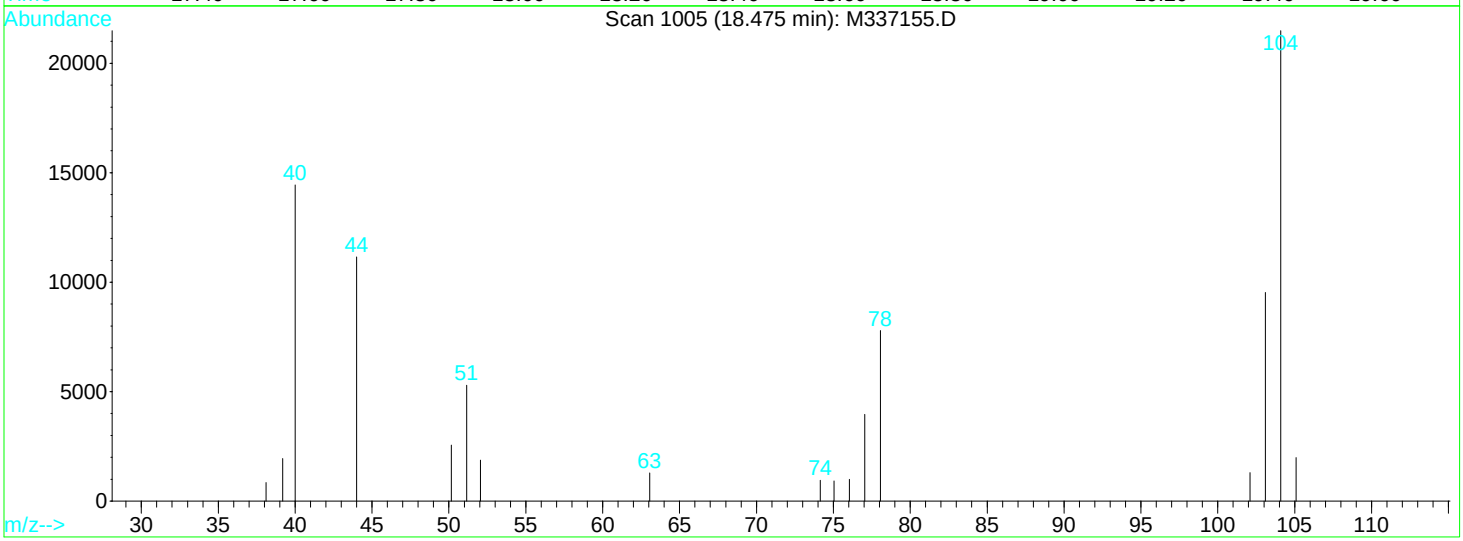


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 12:53 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(72) Styrene

18.47min 0.82ug/l

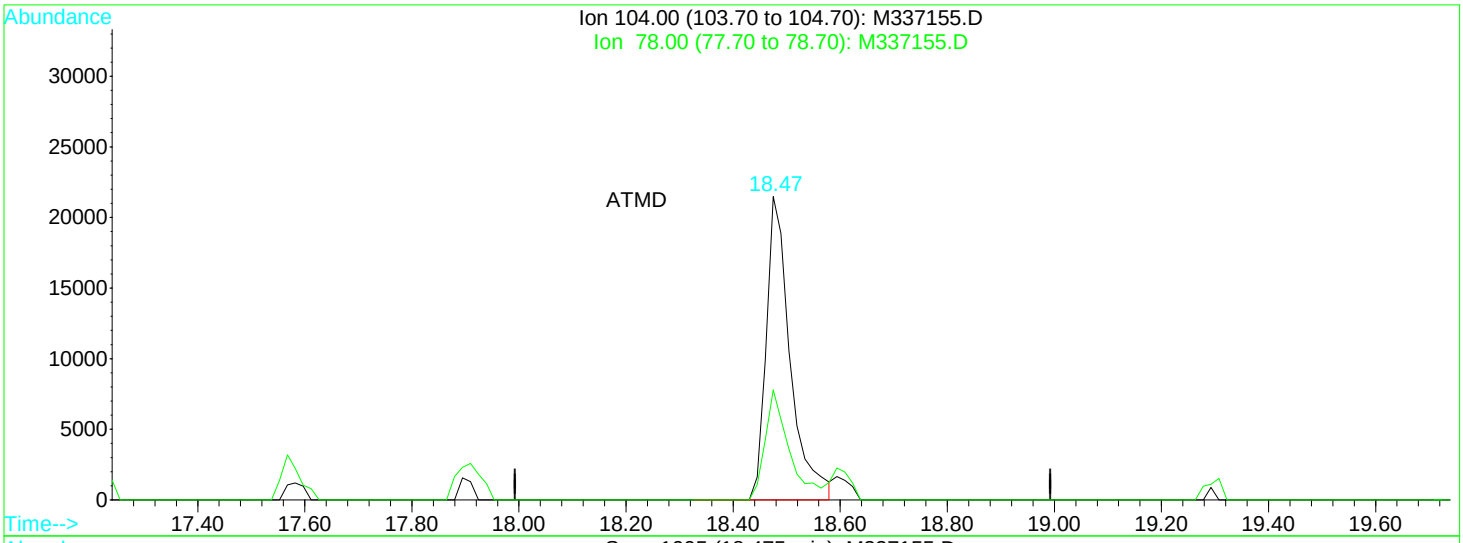
response 71029

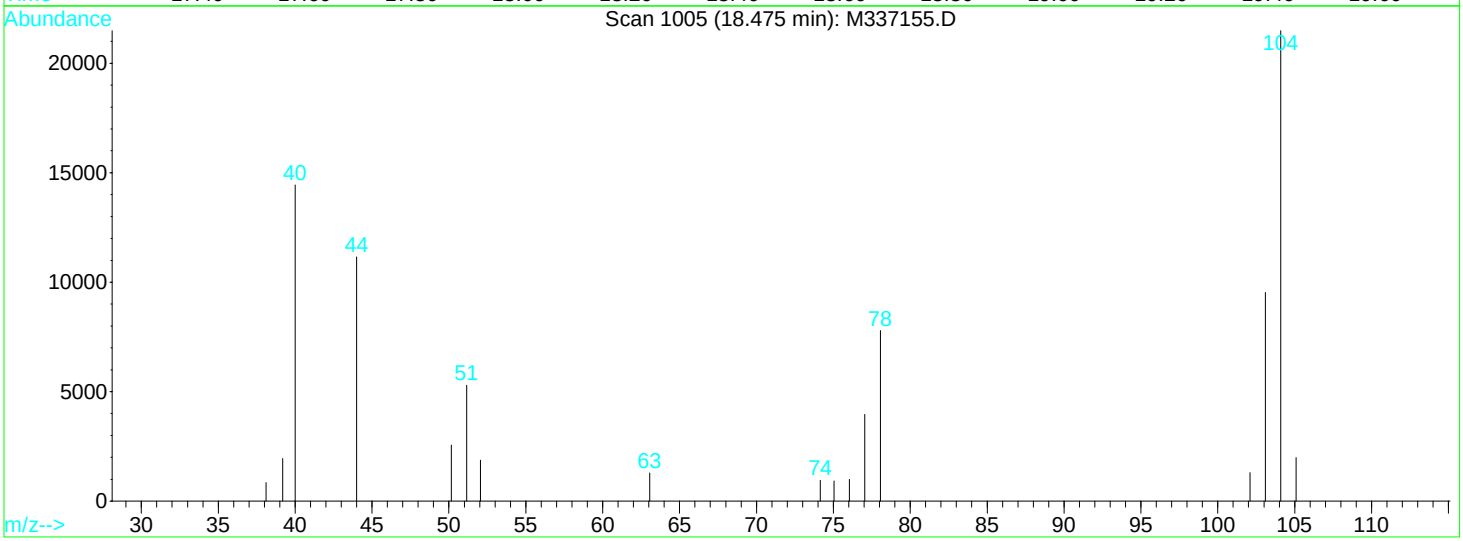
Ion	Exp%	Act%
104.00	100	100
78.00	34.40	36.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(72) Styrene

18.47min 0.78ug/l m

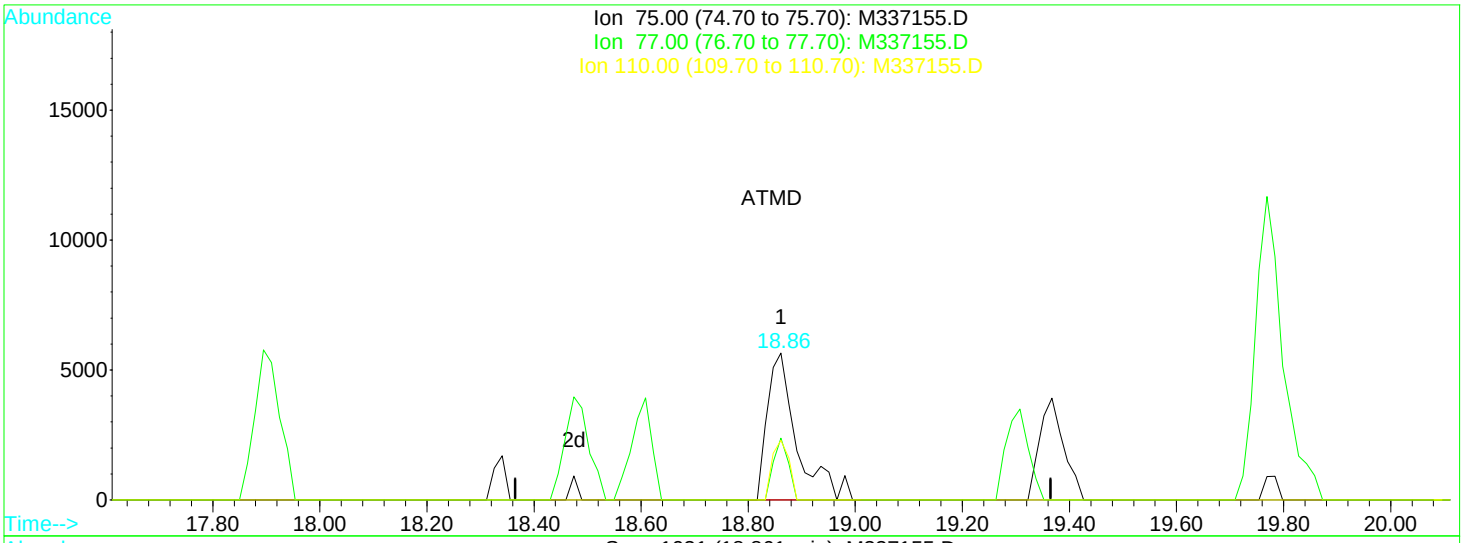
response 67471

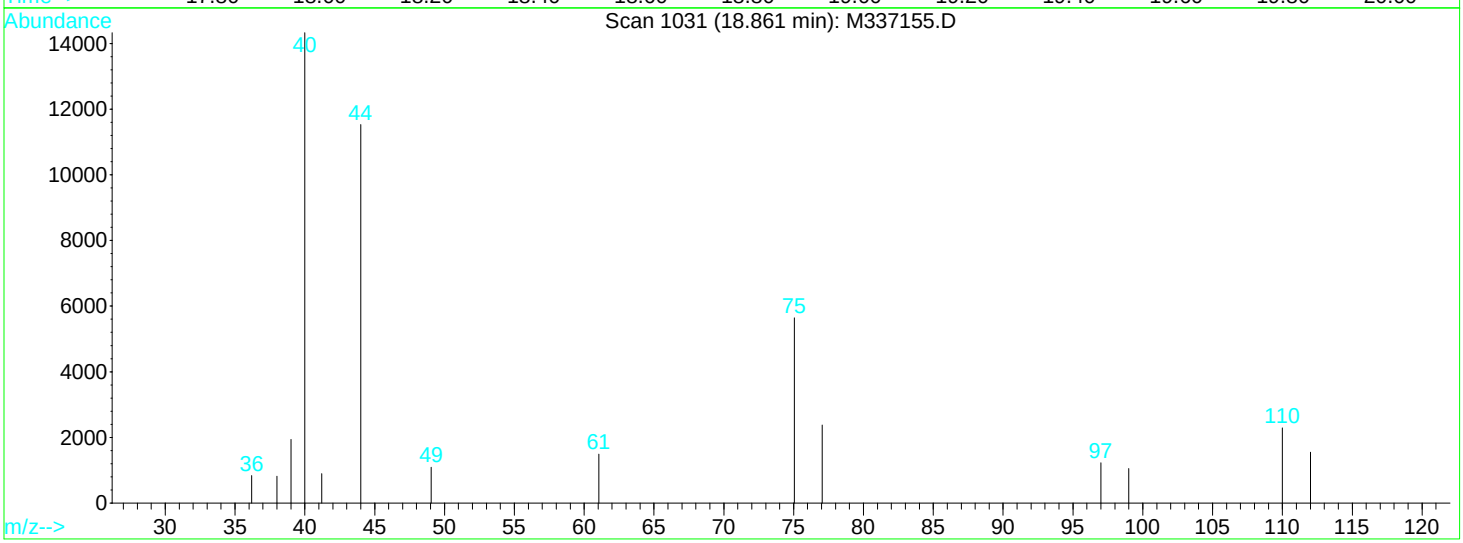
Ion	Exp%	Act%
104.00	100	100
78.00	34.40	36.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(78) 1,2,3-Trichloropropane

18.86min 1.19ug/l

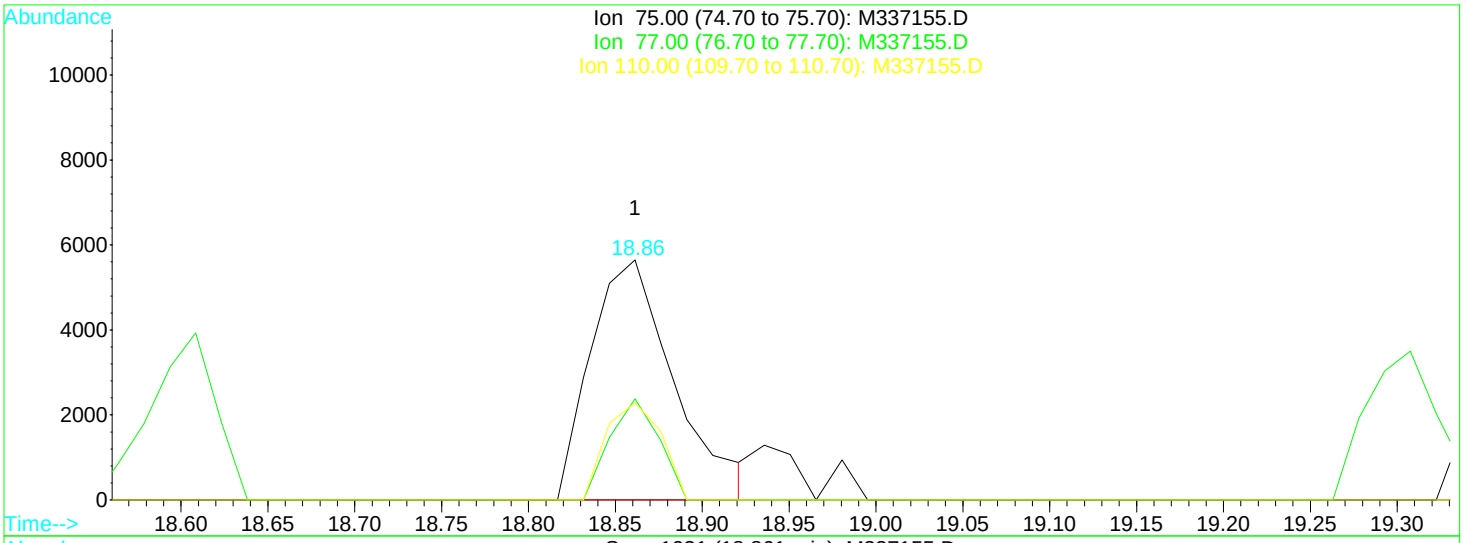
response 21797

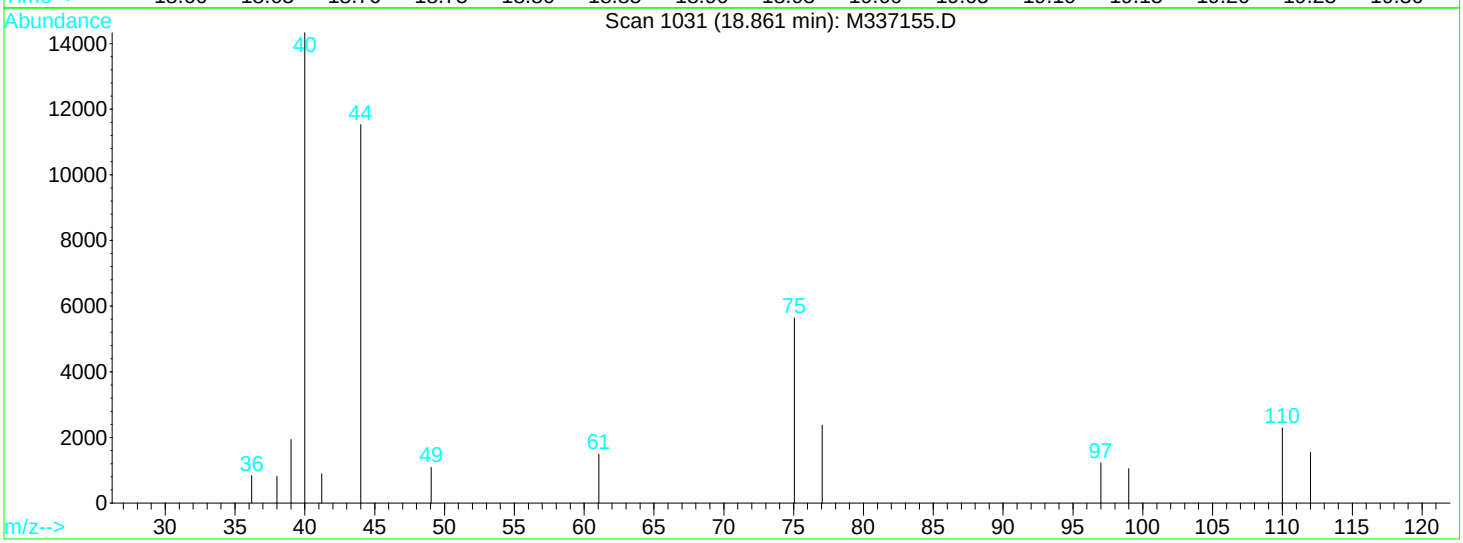
Ion	Exp%	Act%
75.00	100	100
77.00	33.40	42.19
110.00	37.20	40.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337155.D

(78) 1,2,3-Trichloropropane

18.86min 1.03ug/l m

response 18852

Ion	Exp%	Act%
75.00	100	100
77.00	33.40	42.19
110.00	37.20	40.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.89	96	3238472	25.00	ug/l		-0.02
58) Chlorobenzene-d5	17.17	117	2208998	25.00	ug/l		-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	788482	25.00	ug/l		-0.02
System Monitoring Compounds							
34) Dibromofluoromethane(SURR)	9.94	111	40506	1.05	ug/l		-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	4.20%#			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	21524	1.01	ug/l		-0.02
Spiked Amount 25.000			Recovery =	4.04%			
59) Toluene-d8 (SURR)	14.80	98	109103	0.95	ug/l		-0.02
Spiked Amount 25.000			Recovery =	3.80%			
75) Bromofluorobenzene (SURR)	19.37	95	38096	0.96	ug/l		0.00
Spiked Amount 25.000			Recovery =	3.84%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	29347	1.05	ug/l		99
3) Chloromethane	3.93	50	38248	1.04	ug/l		89
4) Vinyl Chloride	4.23	62	30248	1.09	ug/l		94
5) Bromomethane	4.85	94	17837	1.04	ug/l		87
6) Chloroethane	5.10	64	18408	0.69	ug/l		94
7) Trichlorofluoromethane	6.00	101	36980	0.83	ug/l		97
8) Diethyl ether	6.43	59	17743	0.86	ug/l		91
9) Acrolein	6.01	56	4112	Below Cal		#	53
10) Acetone	6.23	58	10302	6.78	ug/l	#	66
11) Iodomethane	6.89	142	36360	0.89	ug/l		98
12) 1,1,2-Trichloro-1,2,2-trif	7.19	101	30246	1.05	ug/l		97
13) Methyl Acetate	7.23	43	19598	1.09	ug/l		59
14) Allyl Chloride	7.23	41	44705	0.72	ug/l		92
15) Carbon Disulfide	7.39	76	107488	1.01	ug/l		98
16) 1,1-Dichloroethene	6.84	96	31007	0.97	ug/l		94
17) Methylene Chloride	7.10	84	40645	1.06	ug/l		90
18) Methyl tert-Butyl Ether	8.35	73	43034	0.81	ug/l		87
19) Acrylonitrile	6.99	53	6887	0.86	ug/l	#	72
20) trans-1,2-Dichloroethene	8.14	96	35044	1.00	ug/l		96
21) 1,1-Dichloroethane	8.52	63	50439	0.94	ug/l		96
22) Vinyl Acetate	8.81	43	48298	0.81	ug/l		80
23) Chloroprene	9.10	53	32089	0.81	ug/l		89
24) 2-Butanone	9.31	72	4568	2.87	ug/l	#	1
25) Di-isopropyl ether	9.27	45	103140	0.79	ug/l		97
26) Methacrylonitrile	9.40	41	15896	1.02	ug/l		84
27) cis-1,2 Dichloroethene	9.42	96	37854	0.95	ug/l		97
28) Methyl Acrylate	9.95	55	12670	0.60	ug/l		61
29) Ethyl tertiary-butyl ether	9.88	59	60201	0.78	ug/l		97
30) 2,2-Dichloropropane	9.86	77	25708	0.81	ug/l		93
31) Bromochloromethane	9.67	128	18467	1.00	ug/l		86
32) Tetrahydrofuran	10.34	42	7517	1.27	ug/l	#	39
33) Chloroform	9.74	83	53696	1.01	ug/l		96
35) 1-Chlorobutane	10.90	56	43988	0.84	ug/l		99
36) 1,1,1-Trichloroethane	10.90	97	35681	0.91	ug/l		97
37) 1,1-Dichloropropene	11.20	75	33380	0.91	ug/l		98
38) Cyclohexane	11.34	56	32165	0.84	ug/l		95
39) Carbon Tetrachloride	11.47	117	30016	0.96	ug/l		95
40) Benzene	11.54	78	116404	0.94	ug/l		100
42) 1,2-Dichloroethane	10.77	62	26121	1.03	ug/l		97
43) Tertiary-amyl methyl ether	11.83	73	49897	0.78	ug/l		88
44) Trichloroethene	12.55	95	34992	1.00	ug/l		94
45) 1,2-Dichloropropane	12.48	63	30077	0.92	ug/l		95
46) Dibromomethane	12.42	93	23510	1.13	ug/l		84

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

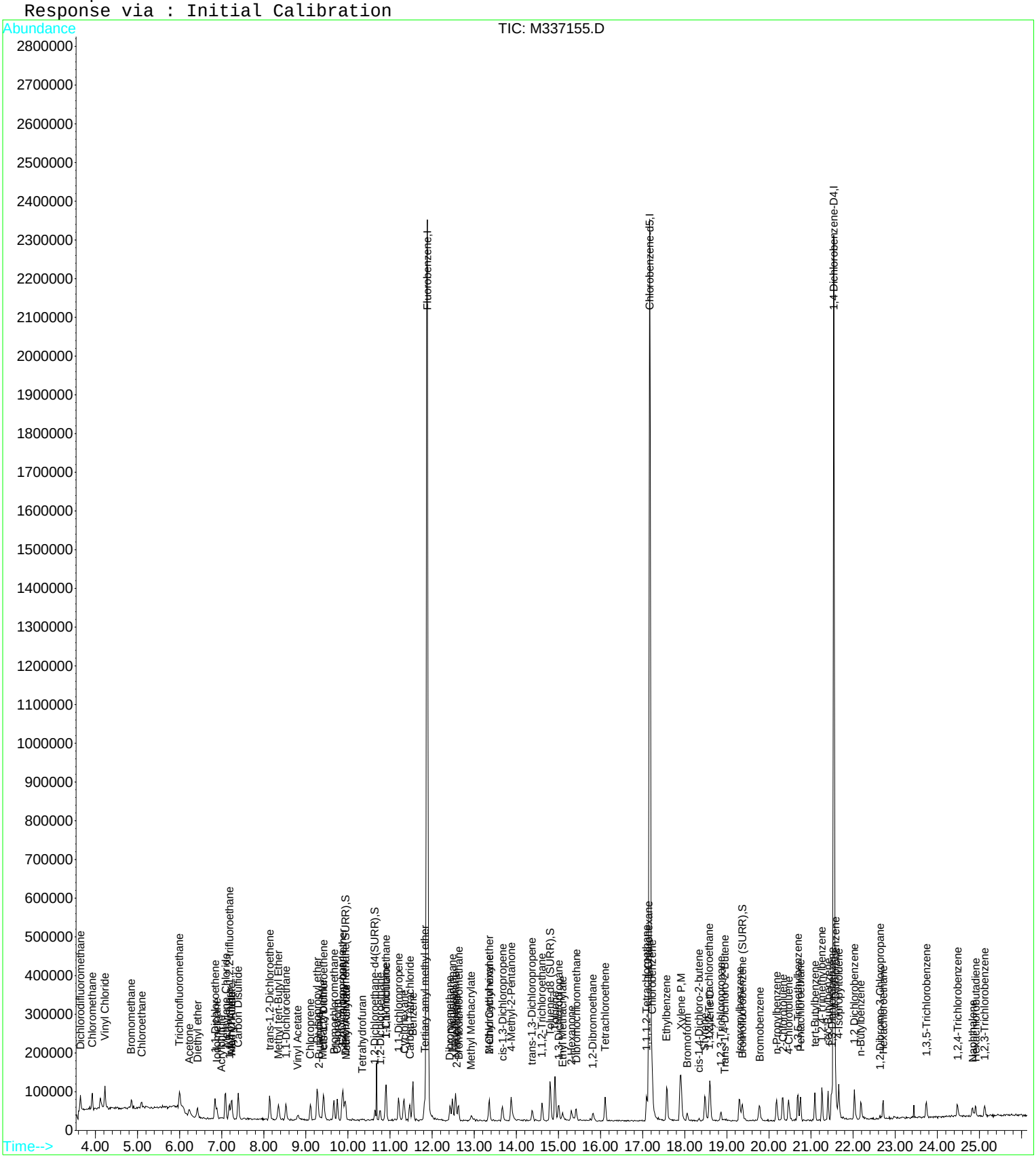
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	2-Nitropropane	12.58	43	6458	4.54 ug/l	71
48)	Bromodichloromethane	12.63	83	35152	0.96 ug/l	96
50)	Methyl Methacrylate	12.93	41	15348	0.70 ug/l	93
51)	2-Chloroethyl vinyl ether	13.36	63	4634	11.14 ug/l #	44
52)	Methyl Cyclohexane	13.36	83	24956	0.87 ug/l	95
53)	4-Methyl-2-Pentanone	13.88	58	28644	3.63 ug/l	89
54)	cis-1,3-Dichloropropene	13.67	75	34581	0.80 ug/l	97
55)	trans-1,3-Dichloropropene	14.37	75	23754	0.76 ug/l	83
56)	1,1,2-Trichloroethane	14.61	83	21714	1.03 ug/l	83
57)	Toluene	14.92	92	78176	0.99 ug/l	95
60)	Ethyl Methacrylate	15.10	69	18450	0.70 ug/l	96
61)	2-Hexanone	15.31	43	49778	3.32 ug/l	92
62)	1,3-Dichloropropane	15.01	76	36115	0.94 ug/l	99
63)	Tetrachloroethene	16.11	164	21718	1.03 ug/l	97
64)	Dibromochloromethane	15.43	129	26147	0.95 ug/l	94
65)	1,2-Dibromoethane	15.81	107	24719	0.90 ug/l	93
66)	1-Chlorohexane	17.14	91	27045	0.87 ug/l	80
67)	Chlorobenzene	17.23	112	86679	1.00 ug/l	95
68)	1,1,1,2-Tetrachloroethane	17.09	131	24214	0.94 ug/l	96
69)	Ethylbenzene	17.57	91	111432	0.88 ug/l	99
70)	Xylene P,M	17.91	106	84541	1.72 ug/l	96
71)	Xylene O	18.59	106	43764	0.90 ug/l	92
72)	Styrene	18.47	104	67471m	0.78 ug/l	
73)	Bromoform	18.06	173	15211	1.02 ug/l	88
74)	cis-1,4-Dichloro-2-butene	18.34	75	2601	3.22 ug/l	86
77)	Trans-1,4-Dichloro-2-Buten	18.95	53	740	2.01 ug/l #	66
78)	1,2,3-Trichloropropane	18.86	75	18852m	1.03 ug/l	
79)	Isopropylbenzene	19.31	105	80445	0.81 ug/l	97
80)	Bromobenzene	19.78	156	26259	0.86 ug/l	89
81)	1,1,2,2-Tetrachloroethane	18.58	83	29359	0.88 ug/l	92
82)	n-Propylbenzene	20.19	91	86951	0.80 ug/l	98
83)	2-Chlorotoluene	20.33	91	71845	0.96 ug/l	99
84)	4-Chlorotoluene	20.47	91	71343	0.90 ug/l	95
85)	1,3,5-Trimethylbenzene	20.69	105	62511	0.81 ug/l	99
86)	Pentachloroethane	20.75	119	19303	1.20 ug/l	97
87)	tert-Butylbenzene	21.09	119	46975	0.83 ug/l	97
88)	1,2,4-Trimethylbenzene	21.26	105	70754	0.88 ug/l	91
89)	sec-Butylbenzene	21.40	105	73563	0.85 ug/l	97
90)	1,3 Dichlorobenzene	21.49	146	44255	0.95 ug/l	99
91)	4-Isopropyltoluene	21.66	119	58802	0.83 ug/l	94
92)	1,4 Dichlorobenzene	21.58	146	52854	1.05 ug/l	96
93)	n-Butylbenzene	22.18	91	48025	0.77 ug/l	97
94)	1,2 Dichlorobenzene	22.03	146	43226	0.95 ug/l	94
95)	1,2-Dibromo-3-Chloropropan	22.64	75	2329	0.83 ug/l	90
96)	Hexachloroethane	22.71	117	13371	1.16 ug/l	84
97)	1,3,5-Trichlorobenzene	23.74	180	22803	0.89 ug/l	97
98)	1,2,4-Trichlorobenzene	24.48	180	20280	0.91 ug/l	94
99)	Hexachlorobutadiene	24.92	225	9648	0.99 ug/l	93
100)	Naphthalene	24.84	128	34080	0.76 ug/l	100
101)	1,2,3-Trichlorobenzene	25.12	180	15564	0.90 ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337155.D Vial: 3
Acq On : 9 Nov 2009 12:22 pm Operator: MD
Sample : BSK0051-CAL2 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:46 2009 Quant Results File: AQ101609.RES

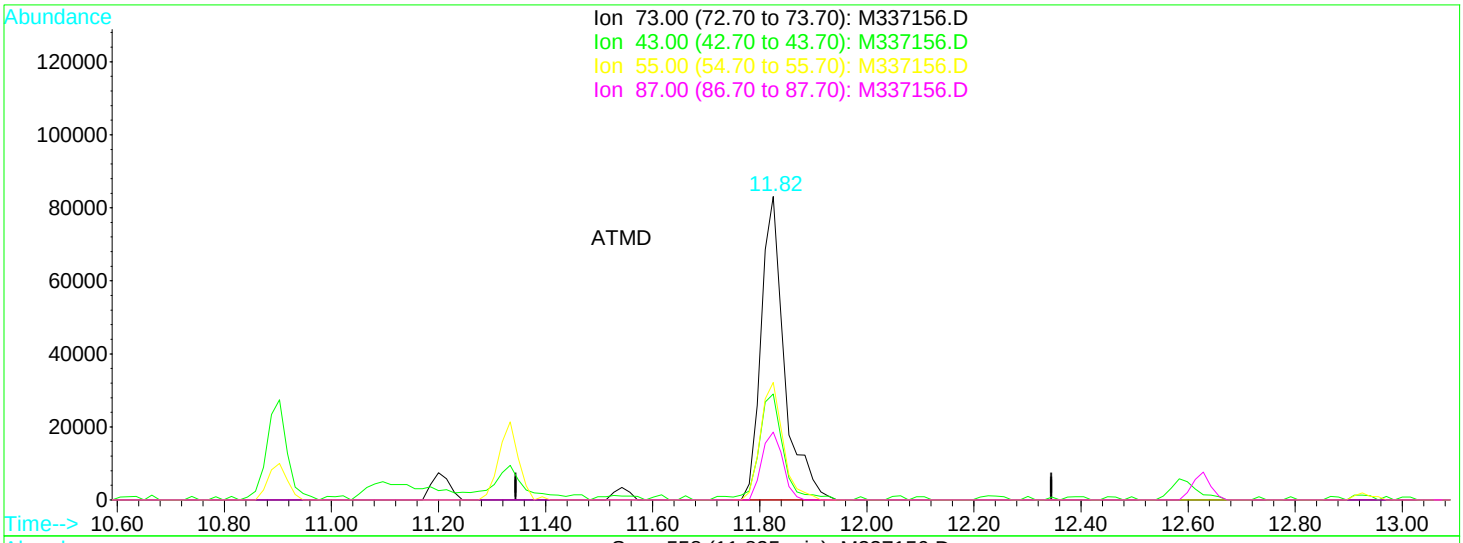
Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration

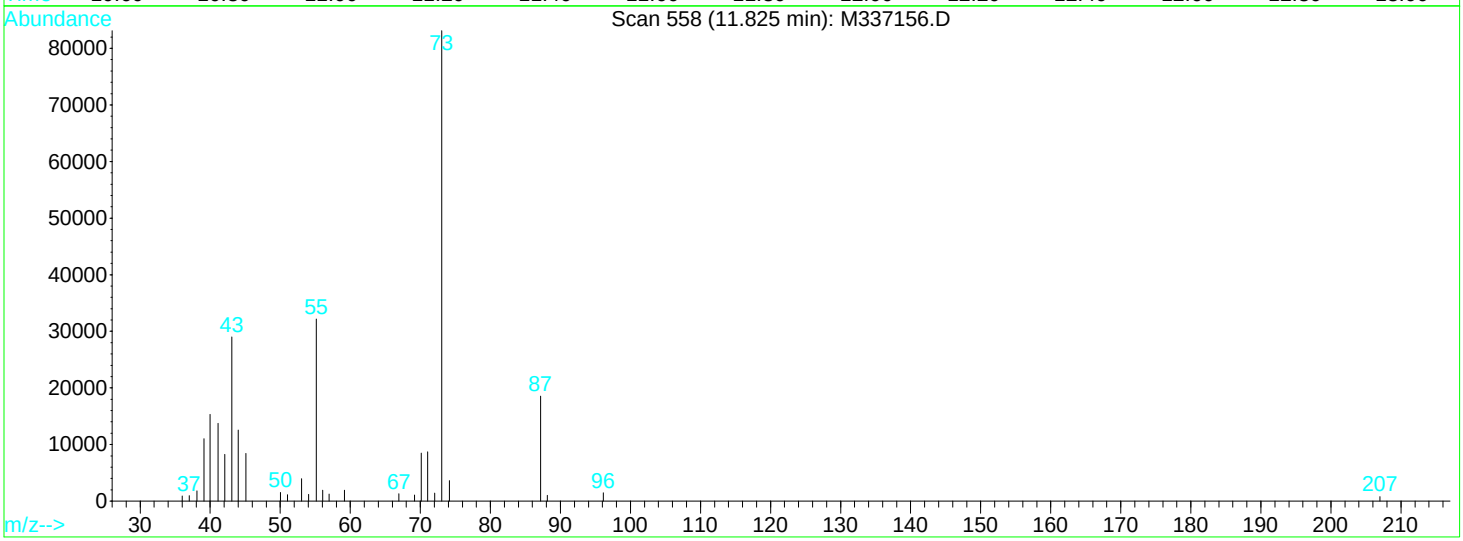


Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:24 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337156.D

(43) Tertiary-amyl methyl ether

11.82min 3.91ug/l

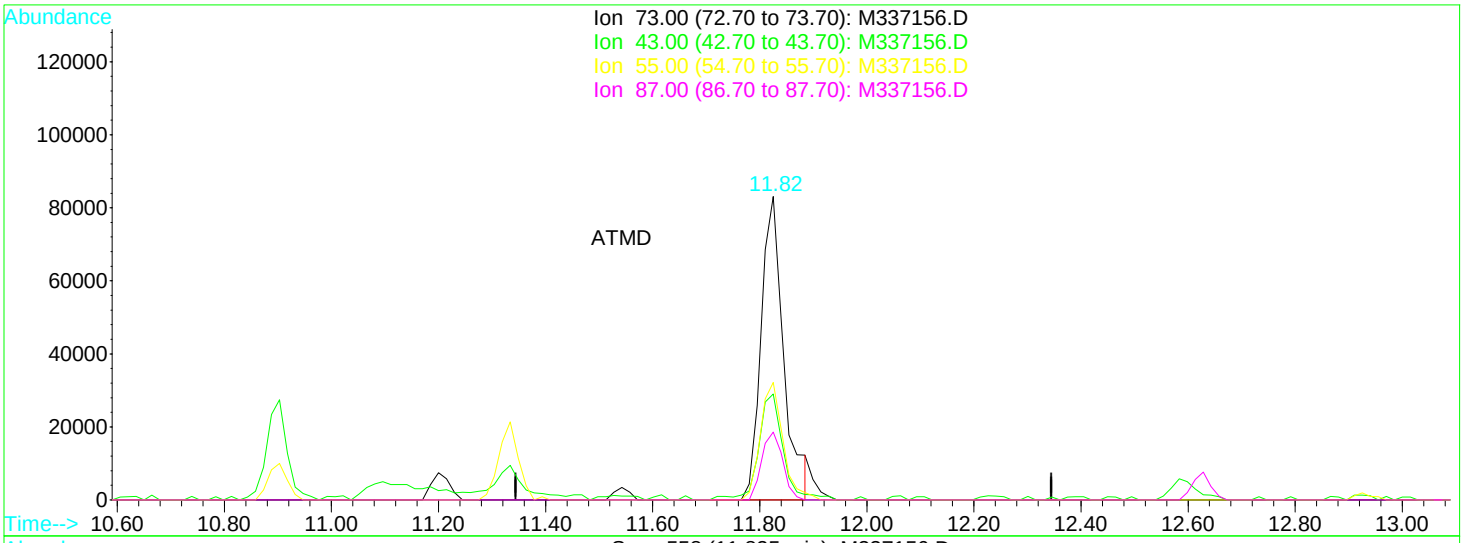
response 253104

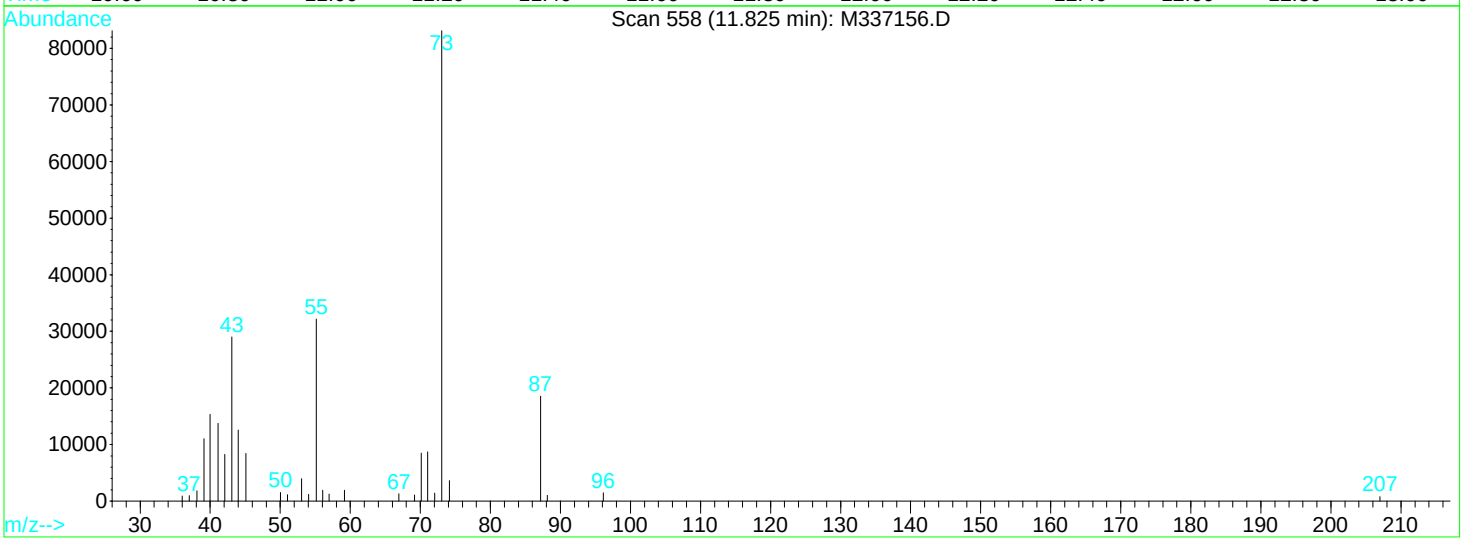
Ion	Exp%	Act%
73.00	100	100
43.00	38.10	34.92
55.00	26.00	38.72
87.00	23.60	22.34

Quantitation Report (Qedit)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Multiple Level Calibration





TIC: M337156.D

(43) Tertiary-amyl methyl ether

11.82min 3.79ug/l m

response 245310

Ion	Exp%	Act%
73.00	100	100
43.00	38.10	34.92
55.00	26.00	38.72
87.00	23.60	22.34

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	3271323	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.16	117	2329288	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	824908	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	190690	4.91	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 19.64%#			
41) 1,2-Dichloroethane-d4(SURR	10.63	65	109127	5.06	ug/l	-0.02
Spiked Amount 25.000			Recovery = 20.24%			
59) Toluene-d8 (SURR)	14.80	98	537271	4.45	ug/l	-0.02
Spiked Amount 25.000			Recovery = 17.80%			
75) Bromofluorobenzene (SURR)	19.37	95	184108	4.42	ug/l	0.00
Spiked Amount 25.000			Recovery = 17.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	142759	5.07	ug/l	95
3) Chloromethane	3.93	50	172728	4.67	ug/l	98
4) Vinyl Chloride	4.22	62	144123	5.14	ug/l	99
5) Bromomethane	4.85	94	80938	4.65	ug/l	96
6) Chloroethane	5.10	64	75918	4.58	ug/l	96
7) Trichlorofluoromethane	5.99	101	178056	3.98	ug/l	98
8) Diethyl ether	6.43	59	86163	4.15	ug/l	88
9) Acrolein	6.01	56	12027	1.04	ug/l	92
10) Acetone	6.23	58	34410	22.40	ug/l	93
11) Iodomethane	6.89	142	189688	4.60	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	140947	4.85	ug/l	100
13) Methyl Acetate	7.23	43	73859	4.05	ug/l	95
14) Allyl Chloride	7.23	41	232745	3.73	ug/l	98
15) Carbon Disulfide	7.39	76	513276	4.77	ug/l	100
16) 1,1-Dichloroethene	6.84	96	145463	4.49	ug/l	99
17) Methylene Chloride	7.09	84	192659	5.00	ug/l	91
18) Methyl tert-Butyl Ether	8.34	73	209914	3.91	ug/l	89
19) Acrylonitrile	6.99	53	30003	3.73	ug/l	91
20) trans-1,2-Dichloroethene	8.14	96	156586	4.44	ug/l	94
21) 1,1-Dichloroethane	8.52	63	246035	4.54	ug/l	99
22) Vinyl Acetate	8.81	43	225924	3.74	ug/l	94
23) Chloroprene	9.10	53	158011	3.96	ug/l	92
24) 2-Butanone	9.27	72	32856	20.44	ug/l #	37
25) Di-isopropyl ether	9.27	45	496824	3.78	ug/l	86
26) Methacrylonitrile	9.40	41	70777	4.48	ug/l	95
27) cis-1,2 Dichloroethene	9.42	96	190962	4.76	ug/l	95
28) Methyl Acrylate	9.89	55	84125	4.21	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	303158	3.89	ug/l	100
30) 2,2-Dichloropropane	9.86	77	126557	3.97	ug/l	91
31) Bromochloromethane	9.67	128	87560	4.71	ug/l	94
32) Tetrahydrofuran	10.31	42	25497	4.26	ug/l	94
33) Chloroform	9.74	83	251915	4.70	ug/l	98
35) 1-Chlorobutane	10.90	56	219106	4.13	ug/l	100
36) 1,1,1-Trichloroethane	10.90	97	178100	4.51	ug/l	98
37) 1,1-Dichloropropene	11.20	75	169128	4.55	ug/l	99
38) Cyclohexane	11.33	56	155392	4.02	ug/l	95
39) Carbon Tetrachloride	11.47	117	149606	4.75	ug/l	98
40) Benzene	11.54	78	584109	4.65	ug/l	100
42) 1,2-Dichloroethane	10.75	62	126204	4.91	ug/l	98
43) Tertiary-amyl methyl ether	11.82	73	245310m	3.79	ug/l	
44) Trichloroethene	12.55	95	162367	4.59	ug/l	97
45) 1,2-Dichloropropane	12.48	63	147691	4.48	ug/l	98
46) Dibromomethane	12.42	93	102387	4.88	ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

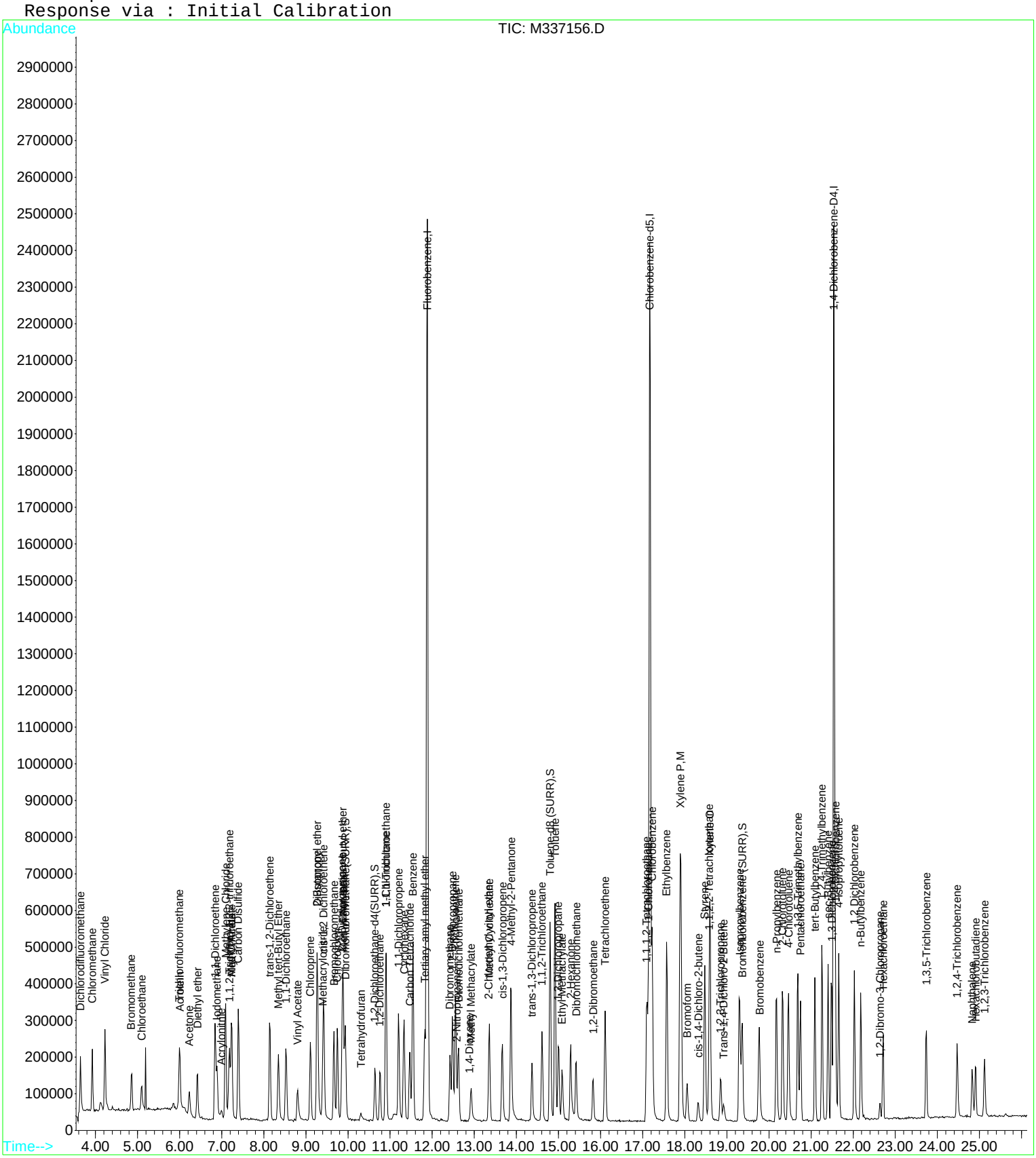
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.58	43	19279	8.24	ug/l		94
48)	Bromodichloromethane	12.63	83	170957	4.62	ug/l		99
49)	1,4-Dioxane	12.88	88	6089	143.72	ug/l		86
50)	Methyl Methacrylate	12.93	41	83648	3.79	ug/l		79
51)	2-Chloroethyl vinyl ether	13.34	63	27104	19.08	ug/l		80
52)	Methyl Cyclohexane	13.36	83	124874	4.31	ug/l		95
53)	4-Methyl-2-Pentanone	13.88	58	161020	20.22	ug/l	#	81
54)	cis-1,3-Dichloropropene	13.67	75	181072	4.16	ug/l		96
55)	trans-1,3-Dichloropropene	14.37	75	129649	4.11	ug/l		99
56)	1,1,2-Trichloroethane	14.61	83	106526	4.99	ug/l		97
57)	Toluene	14.92	92	385167	4.84	ug/l		97
60)	Ethyl Methacrylate	15.08	69	104164	3.73	ug/l		99
61)	2-Hexanone	15.29	43	306082	19.35	ug/l		95
62)	1,3-Dichloropropane	14.99	76	181236	4.47	ug/l		95
63)	Tetrachloroethene	16.11	164	98735	4.46	ug/l		96
64)	Dibromochloromethane	15.42	129	132064	4.53	ug/l		96
65)	1,2-Dibromoethane	15.83	107	131487	4.53	ug/l		98
66)	1-Chlorohexane	17.13	91	127323	3.89	ug/l		94
67)	Chlorobenzene	17.22	112	427658	4.68	ug/l		99
68)	1,1,1,2-Tetrachloroethane	17.09	131	123653	4.54	ug/l		96
69)	Ethylbenzene	17.57	91	572963	4.30	ug/l		100
70)	Xylene P,M	17.89	106	459559	8.88	ug/l		98
71)	Xylene O	18.59	106	236893	4.60	ug/l		95
72)	Styrene	18.47	104	373087	4.08	ug/l		97
73)	Bromoform	18.06	173	81319	5.19	ug/l		97
74)	cis-1,4-Dichloro-2-butene	18.32	75	20396	5.31	ug/l		92
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	19114	5.35	ug/l		95
78)	1,2,3-Trichloropropane	18.85	75	90216	4.72	ug/l		98
79)	Isopropylbenzene	19.31	105	444077	4.28	ug/l		99
80)	Bromobenzene	19.78	156	137986	4.33	ug/l		90
81)	1,1,2,2-Tetrachloroethane	18.58	83	150792	5.19	ug/l		98
82)	n-Propylbenzene	20.18	91	488875	4.32	ug/l		95
83)	2-Chlorotoluene	20.32	91	355027	4.53	ug/l		97
84)	4-Chlorotoluene	20.47	91	376330	4.55	ug/l		95
85)	1,3,5-Trimethylbenzene	20.69	105	350012	4.32	ug/l		99
86)	Pentachloroethane	20.75	119	91532	5.42	ug/l		97
87)	tert-Butylbenzene	21.09	119	244052	4.11	ug/l		98
88)	1,2,4-Trimethylbenzene	21.25	105	374044	4.42	ug/l		96
89)	sec-Butylbenzene	21.40	105	395041	4.34	ug/l		94
90)	1,3 Dichlorobenzene	21.49	146	226146	4.64	ug/l		96
91)	4-Isopropyltoluene	21.66	119	320431	4.33	ug/l		95
92)	1,4 Dichlorobenzene	21.58	146	251092	4.75	ug/l		96
93)	n-Butylbenzene	22.18	91	273476	4.20	ug/l		94
94)	1,2 Dichlorobenzene	22.03	146	216782	4.57	ug/l		94
95)	1,2-Dibromo-3-Chloropropan	22.64	75	12425	4.22	ug/l	#	69
96)	Hexachloroethane	22.71	117	65702	5.43	ug/l		86
97)	1,3,5-Trichlorobenzene	23.74	180	115248	4.32	ug/l		97
98)	1,2,4-Trichlorobenzene	24.47	180	102247	4.37	ug/l		96
99)	Hexachlorobutadiene	24.91	225	44531	4.36	ug/l		93
100)	Naphthalene	24.82	128	180673	3.85	ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	80316	4.43	ug/l		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337156.D Vial: 4
Acq On : 9 Nov 2009 12:54 pm Operator: MD
Sample : BSK0051-CAL3 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:47 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337157.D Vial: 5
Acq On : 9 Nov 2009 1:26 pm Operator: MD
Sample : BSK0051-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:56 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	3374339	25.00	ug/l	-0.03
58) Chlorobenzene-d5	17.17	117	2290041	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	844496	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	399241	9.96	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	39.84%#		
41) 1,2-Dichloroethane-d4(SURR	10.64	65	219674	9.87	ug/l	-0.01
Spiked Amount 25.000			Recovery =	39.48%		
59) Toluene-d8 (SURR)	14.81	98	1128602	9.51	ug/l	-0.01
Spiked Amount 25.000			Recovery =	38.04%		
75) Bromofluorobenzene (SURR)	19.36	95	384985	9.40	ug/l	-0.01
Spiked Amount 25.000			Recovery =	37.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	281812	9.71	ug/l	100
3) Chloromethane	3.92	50	335197	8.79	ug/l	98
4) Vinyl Chloride	4.23	62	278870	9.64	ug/l	100
5) Bromomethane	4.85	94	178454	9.95	ug/l	96
6) Chloroethane	5.09	64	156191	9.70	ug/l	97
7) Trichlorofluoromethane	6.00	101	365438	7.92	ug/l	100
8) Diethyl ether	6.42	59	172446	8.05	ug/l	92
9) Acrolein	6.02	56	22500	4.54	ug/l	93
10) Acetone	6.24	58	68322	43.12	ug/l	86
11) Iodomethane	6.89	142	434919	10.23	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	284149	9.47	ug/l	90
13) Methyl Acetate	7.22	43	148694	7.91	ug/l	99
14) Allyl Chloride	7.23	41	499198	7.76	ug/l	99
15) Carbon Disulfide	7.40	76	1050927	9.48	ug/l	100
16) 1,1-Dichloroethene	6.85	96	299168	8.95	ug/l	92
17) Methylene Chloride	7.09	84	383339	9.64	ug/l	95
18) Methyl tert-Butyl Ether	8.35	73	431047	7.78	ug/l	95
19) Acrylonitrile	7.00	53	65805	7.93	ug/l	94
20) trans-1,2-Dichloroethene	8.14	96	330610	9.09	ug/l	98
21) 1,1-Dichloroethane	8.53	63	506727	9.06	ug/l	98
22) Vinyl Acetate	8.80	43	448443	7.19	ug/l	95
23) Chloroprene	9.11	53	332434	8.07	ug/l	87
24) 2-Butanone	9.26	72	72418	43.68	ug/l #	84
25) Di-isopropyl ether	9.27	45	1055780	7.79	ug/l	93
26) Methacrylonitrile	9.39	41	120668	7.41	ug/l	95
27) cis-1,2 Dichloroethene	9.42	96	395574	9.56	ug/l	99
28) Methyl Acrylate	9.88	55	175330	8.55	ug/l	96
29) Ethyl tertiary-butyl ether	9.88	59	627864	7.80	ug/l	98
30) 2,2-Dichloropropane	9.87	77	265606	8.08	ug/l	84
31) Bromochloromethane	9.67	128	179519	9.36	ug/l	89
32) Tetrahydrofuran	10.30	42	49498	8.01	ug/l	90
33) Chloroform	9.75	83	513047	9.29	ug/l	97
35) 1-Chlorobutane	10.89	56	455262	8.31	ug/l	99
36) 1,1,1-Trichloroethane	10.91	97	362378	8.90	ug/l	98
37) 1,1-Dichloropropene	11.21	75	345699	9.02	ug/l	94
38) Cyclohexane	11.33	56	323479	8.12	ug/l	98
39) Carbon Tetrachloride	11.47	117	306668	9.44	ug/l	96
40) Benzene	11.53	78	1196397	9.23	ug/l	100
42) 1,2-Dichloroethane	10.76	62	251055	9.46	ug/l	98
43) Tertiary-amyl methyl ether	11.82	73	497321	7.45	ug/l	92
44) Trichloroethene	12.54	95	330506	9.05	ug/l	92
45) 1,2-Dichloropropane	12.49	63	309640	9.11	ug/l	100
46) Dibromomethane	12.43	93	207531	9.59	ug/l	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337157.D Vial: 5
Acq On : 9 Nov 2009 1:26 pm Operator: MD
Sample : BSK0051-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:56 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

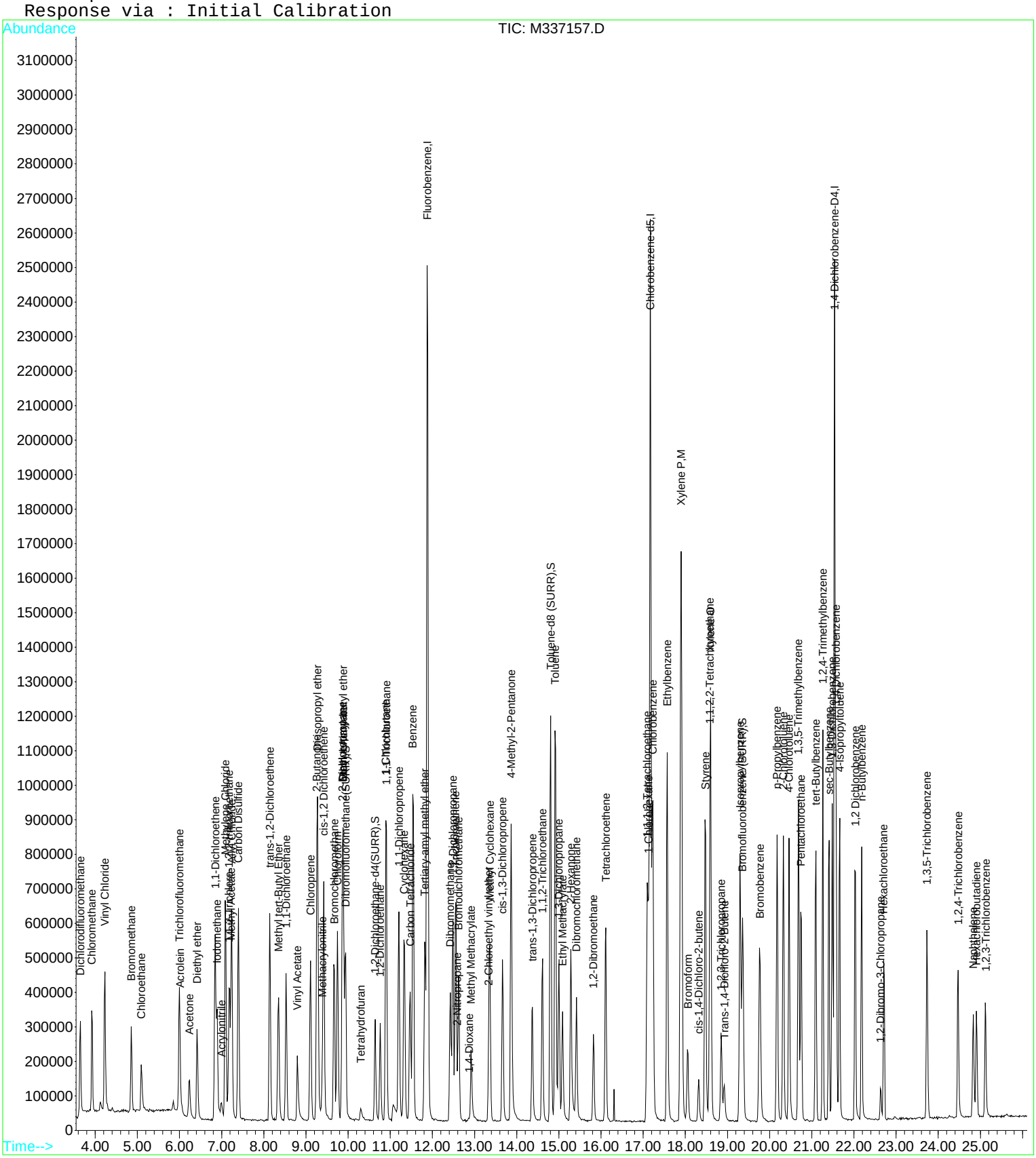
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.59	43	39315	13.69	ug/l	74
48)	Bromodichloromethane	12.62	83	352181	9.23	ug/l	97
49)	1,4-Dioxane	12.87	88	17747	255.44	ug/l	90
50)	Methyl Methacrylate	12.92	41	168577	7.40	ug/l	87
51)	2-Chloroethyl vinyl ether	13.33	63	64598	31.65	ug/l	93
52)	Methyl Cyclohexane	13.36	83	258375	8.65	ug/l	92
53)	4-Methyl-2-Pentanone	13.87	58	328328	39.96	ug/l	87
54)	cis-1,3-Dichloropropene	13.66	75	372846	8.30	ug/l	99
55)	trans-1,3-Dichloropropene	14.37	75	268533	8.25	ug/l	96
56)	1,1,2-Trichloroethane	14.61	83	209373	9.50	ug/l	98
57)	Toluene	14.91	92	780432	9.51	ug/l	99
60)	Ethyl Methacrylate	15.09	69	217557	7.92	ug/l	95
61)	2-Hexanone	15.28	43	606916	39.02	ug/l	96
62)	1,3-Dichloropropane	15.00	76	374957	9.42	ug/l	98
63)	Tetrachloroethene	16.11	164	202981	9.32	ug/l	96
64)	Dibromochloromethane	15.42	129	278335	9.72	ug/l	96
65)	1,2-Dibromoethane	15.82	107	266721	9.36	ug/l	100
66)	1-Chlorohexane	17.13	91	266861	8.30	ug/l	90
67)	Chlorobenzene	17.23	112	865555	9.63	ug/l	98
68)	1,1,1,2-Tetrachloroethane	17.10	131	252582	9.44	ug/l	100
69)	Ethylbenzene	17.57	91	1194296	9.11	ug/l	97
70)	Xylene P,M	17.90	106	963189	18.94	ug/l	99
71)	Xylene O	18.60	106	480079	9.48	ug/l	98
72)	Styrene	18.48	104	799401	8.90	ug/l	97
73)	Bromoform	18.06	173	166725	10.83	ug/l	98
74)	cis-1,4-Dichloro-2-butene	18.32	75	48095	8.69	ug/l	92
77)	Trans-1,4-Dichloro-2-Buten	18.93	53	39722	8.93	ug/l	91
78)	1,2,3-Trichloropropane	18.85	75	177919	9.10	ug/l	100
79)	Isopropylbenzene	19.30	105	945556	8.91	ug/l	98
80)	Bromobenzene	19.77	156	299535	9.17	ug/l	95
81)	1,1,2,2-Tetrachloroethane	18.58	83	294582	10.10	ug/l	98
82)	n-Propylbenzene	20.18	91	1047739	9.04	ug/l	100
83)	2-Chlorotoluene	20.32	91	748385	9.32	ug/l	99
84)	4-Chlorotoluene	20.46	91	768124	9.08	ug/l	99
85)	1,3,5-Trimethylbenzene	20.68	105	740121	8.93	ug/l	100
86)	Pentachloroethane	20.74	119	184922	10.69	ug/l	90
87)	tert-Butylbenzene	21.10	119	530117	8.72	ug/l	98
88)	1,2,4-Trimethylbenzene	21.26	105	786202	9.08	ug/l	98
89)	sec-Butylbenzene	21.41	105	858608	9.22	ug/l	98
90)	1,3 Dichlorobenzene	21.48	146	454389	9.11	ug/l	97
91)	4-Isopropyltoluene	21.66	119	678526	8.95	ug/l	99
92)	1,4 Dichlorobenzene	21.57	146	515233	9.52	ug/l	98
93)	n-Butylbenzene	22.18	91	596093	8.95	ug/l	98
94)	1,2 Dichlorobenzene	22.03	146	443763	9.14	ug/l	97
95)	1,2-Dibromo-3-Chloropropan	22.63	75	27263	9.05	ug/l	99
96)	Hexachloroethane	22.70	117	140384	11.33	ug/l	99
97)	1,3,5-Trichlorobenzene	23.73	180	249790	9.15	ug/l	99
98)	1,2,4-Trichlorobenzene	24.47	180	222160	9.27	ug/l	96
99)	Hexachlorobutadiene	24.90	225	97319	9.31	ug/l	97
100)	Naphthalene	24.83	128	383074	7.97	ug/l	100
101)	1,2,3-Trichlorobenzene	25.13	180	175601	9.46	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337157.D Vial: 5
Acq On : 9 Nov 2009 1:26 pm Operator: MD
Sample : BSK0051-CAL4 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 13:56 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337158.D Vial: 6
Acq On : 9 Nov 2009 1:58 pm Operator: MD
Sample : BSK0051-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 14:28 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	3471005	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.17	117	2296259	25.00	ug/l	-0.02
76) 1,4 Dichlorobenzene-D4	21.54	152	867018	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	1067706	25.89	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.56%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	598003	26.12	ug/l	-0.02
Spiked Amount 25.000			Recovery = 104.48%			
59) Toluene-d8 (SURR)	14.80	98	3041383	25.56	ug/l	-0.02
Spiked Amount 25.000			Recovery = 102.24%			
75) Bromofluorobenzene (SURR)	19.35	95	1042494	25.38	ug/l	-0.02
Spiked Amount 25.000			Recovery = 101.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	727443	24.37	ug/l	100
3) Chloromethane	3.93	50	854915	21.79	ug/l	100
4) Vinyl Chloride	4.23	62	728472	24.47	ug/l	100
5) Bromomethane	4.87	94	517787	28.06	ug/l	100
6) Chloroethane	5.10	64	400111	25.00	ug/l	96
7) Trichlorofluoromethane	6.00	101	973831	20.51	ug/l	99
8) Diethyl ether	6.41	59	495381	22.47	ug/l	94
9) Acrolein	6.01	56	57445	16.11	ug/l	95
10) Acetone	6.23	58	185040	113.54	ug/l	93
11) Iodomethane	6.89	142	1188269	27.18	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.19	101	760689	24.65	ug/l	99
13) Methyl Acetate	7.22	43	404653	20.94	ug/l	98
14) Allyl Chloride	7.23	41	1384464	20.93	ug/l	99
15) Carbon Disulfide	7.39	76	2794682	24.50	ug/l	100
16) 1,1-Dichloroethene	6.84	96	804931	23.40	ug/l	95
17) Methylene Chloride	7.10	84	995899	24.33	ug/l	91
18) Methyl tert-Butyl Ether	8.35	73	1222865	21.45	ug/l	94
19) Acrylonitrile	6.99	53	186348	21.82	ug/l	96
20) trans-1,2-Dichloroethene	8.14	96	884273	23.65	ug/l	92
21) 1,1-Dichloroethane	8.52	63	1364707	23.72	ug/l	98
22) Vinyl Acetate	8.79	43	1323565	20.63	ug/l	97
23) Chloroprene	9.10	53	944369	22.29	ug/l	93
24) 2-Butanone	9.24	72	219114	128.49	ug/l #	21
25) Di-isopropyl ether	9.27	45	2900568	20.82	ug/l	98
26) Methacrylonitrile	9.39	41	357196	21.32	ug/l	92
27) cis-1,2 Dichloroethene	9.42	96	1053094	24.73	ug/l	96
28) Methyl Acrylate	9.88	55	507853	24.17	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	1801244	21.76	ug/l	99
30) 2,2-Dichloropropane	9.86	77	754585	22.30	ug/l	95
31) Bromochloromethane	9.67	128	489866	24.83	ug/l	93
32) Tetrahydrofuran	10.29	42	147506	23.20	ug/l	94
33) Chloroform	9.74	83	1368390	24.08	ug/l	98
35) 1-Chlorobutane	10.90	56	1261098	22.38	ug/l	93
36) 1,1,1-Trichloroethane	10.90	97	987154	23.57	ug/l	98
37) 1,1-Dichloropropene	11.20	75	951574	24.13	ug/l	98
38) Cyclohexane	11.34	56	909994	22.21	ug/l	94
39) Carbon Tetrachloride	11.47	117	839634	25.12	ug/l	100
40) Benzene	11.54	78	3235062	24.26	ug/l	100
42) 1,2-Dichloroethane	10.76	62	682460	25.00	ug/l	98
43) Tertiary-amyl methyl ether	11.83	73	1374585	20.01	ug/l	92
44) Trichloroethene	12.56	95	898459	23.92	ug/l	97
45) 1,2-Dichloropropane	12.48	63	838191	23.98	ug/l	99
46) Dibromomethane	12.42	93	570192	25.61	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337158.D Vial: 6
Acq On : 9 Nov 2009 1:58 pm Operator: MD
Sample : BSK0051-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 14:28 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

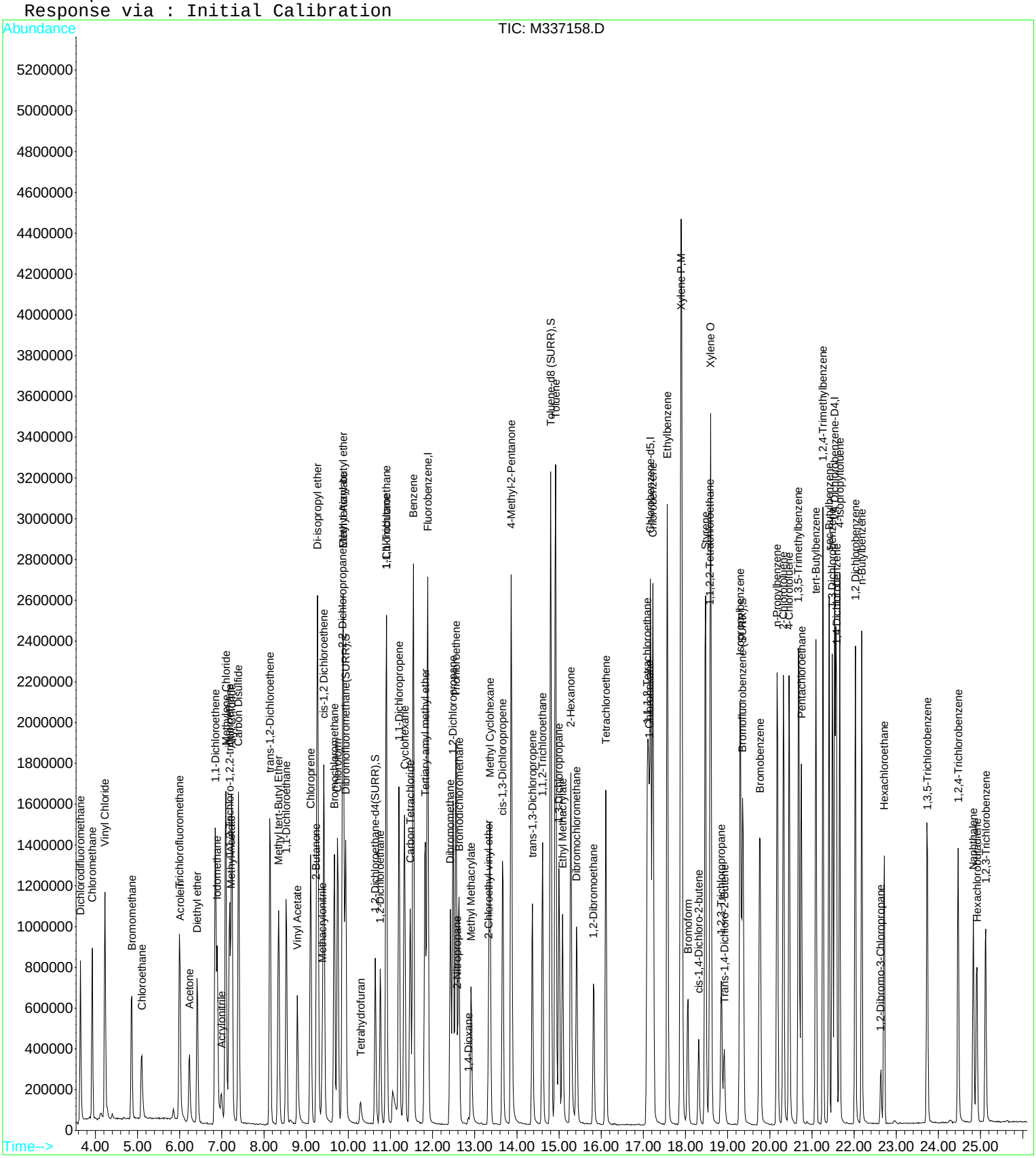
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.59	43	103400	30.88	ug/l	94
48)	Bromodichloromethane	12.63	83	981939	25.02	ug/l	98
49)	1,4-Dioxane	12.85	88	52032	575.37	ug/l	83
50)	Methyl Methacrylate	12.91	41	517347	22.09	ug/l	91
51)	2-Chloroethyl vinyl ether	13.33	63	243565	90.75	ug/l	100
52)	Methyl Cyclohexane	13.36	83	728786	23.71	ug/l	95
53)	4-Methyl-2-Pentanone	13.86	58	989570	117.09	ug/l	91
54)	cis-1,3-Dichloropropene	13.66	75	1066096	23.08	ug/l	97
55)	trans-1,3-Dichloropropene	14.37	75	805971	24.06	ug/l	96
56)	1,1,2-Trichloroethane	14.61	83	585737	25.84	ug/l	99
57)	Toluene	14.92	92	2086905	24.73	ug/l	98
60)	Ethyl Methacrylate	15.08	69	671247	24.39	ug/l	91
61)	2-Hexanone	15.28	43	1914958	122.78	ug/l	97
62)	1,3-Dichloropropane	14.99	76	1045796	26.19	ug/l	99
63)	Tetrachloroethene	16.11	164	537577	24.63	ug/l	98
64)	Dibromochloromethane	15.41	129	794672	27.68	ug/l	98
65)	1,2-Dibromoethane	15.81	107	744945	26.06	ug/l	100
66)	1-Chlorohexane	17.14	91	747215	23.18	ug/l	99
67)	Chlorobenzene	17.23	112	2318738	25.72	ug/l	98
68)	1,1,1,2-Tetrachloroethane	17.09	131	690783	25.74	ug/l	99
69)	Ethylbenzene	17.57	91	3325808	25.31	ug/l	100
70)	Xylene P,M	17.90	106	2618314	51.34	ug/l	97
71)	Xylene O	18.59	106	1305051	25.70	ug/l	97
72)	Styrene	18.48	104	2295480	25.47	ug/l	97
73)	Bromoform	18.06	173	466366	30.22	ug/l	97
74)	cis-1,4-Dichloro-2-butene	18.31	75	163859	22.59	ug/l	96
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	118689	22.42	ug/l	95
78)	1,2,3-Trichloropropane	18.85	75	500812	24.94	ug/l	98
79)	Isopropylbenzene	19.29	105	2616073	24.00	ug/l	97
80)	Bromobenzene	19.77	156	832445	24.83	ug/l	96
81)	1,1,2,2-Tetrachloroethane	18.58	83	814861	27.60	ug/l	100
82)	n-Propylbenzene	20.17	91	2926538	24.60	ug/l	99
83)	2-Chlorotoluene	20.32	91	2007288	24.35	ug/l	99
84)	4-Chlorotoluene	20.45	91	2104386	24.22	ug/l	99
85)	1,3,5-Trimethylbenzene	20.68	105	2036828	23.93	ug/l	97
86)	Pentachloroethane	20.75	119	511306	28.80	ug/l	99
87)	tert-Butylbenzene	21.09	119	1497209	23.99	ug/l	98
88)	1,2,4-Trimethylbenzene	21.26	105	2169600	24.42	ug/l	99
89)	sec-Butylbenzene	21.41	105	2358804	24.68	ug/l	96
90)	1,3 Dichlorobenzene	21.48	146	1251456	24.45	ug/l	98
91)	4-Isopropyltoluene	21.66	119	1858965	23.88	ug/l	98
92)	1,4 Dichlorobenzene	21.58	146	1336089	24.05	ug/l	96
93)	n-Butylbenzene	22.18	91	1701155	24.88	ug/l	97
94)	1,2 Dichlorobenzene	22.03	146	1214549	24.36	ug/l	97
95)	1,2-Dibromo-3-Chloropropan	22.62	75	80782	26.12	ug/l	92
96)	Hexachloroethane	22.71	117	388237	30.51	ug/l	87
97)	1,3,5-Trichlorobenzene	23.74	180	697292	24.88	ug/l	96
98)	1,2,4-Trichlorobenzene	24.47	180	634020	25.77	ug/l	97
99)	Hexachlorobutadiene	24.92	225	257086	23.95	ug/l	99
100)	Naphthalene	24.83	128	1170304	23.71	ug/l	100
101)	1,2,3-Trichlorobenzene	25.12	180	501716	26.32	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337158.D Vial: 6
Acq On : 9 Nov 2009 1:58 pm Operator: MD
Sample : BSK0051-CAL5 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 14:28 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337159.D Vial: 7
Acq On : 9 Nov 2009 2:30 pm Operator: MD
Sample : BSK0051-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:00 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.88	96	3560701	25.00	ug/l	-0.02
58) Chlorobenzene-d5	17.18	117	2363291	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.54	152	880077	25.00	ug/l	-0.02
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	2273981	53.75	ug/l	-0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 215.00%#			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	1230495	52.40	ug/l	-0.02
Spiked Amount 25.000			Recovery = 209.60%			
59) Toluene-d8 (SURR)	14.80	98	6465298	52.79	ug/l	-0.02
Spiked Amount 25.000			Recovery = 211.16%			
75) Bromofluorobenzene (SURR)	19.35	95	2198200	52.00	ug/l	-0.02
Spiked Amount 25.000			Recovery = 208.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	1492658	48.74	ug/l	100
3) Chloromethane	3.93	50	1774714	44.09	ug/l	99
4) Vinyl Chloride	4.22	62	1485946	48.67	ug/l	99
5) Bromomethane	4.86	94	1184567	62.58	ug/l	99
6) Chloroethane	5.10	64	818943	50.45	ug/l	96
7) Trichlorofluoromethane	5.99	101	2066292	42.42	ug/l	100
8) Diethyl ether	6.41	59	1049930	46.42	ug/l	95
9) Acrolein	6.01	56	127252	38.57	ug/l	95
10) Acetone	6.23	58	364188	217.84	ug/l	89
11) Iodomethane	6.89	142	2567208	57.24	ug/l	100
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	1601413	50.58	ug/l	99
13) Methyl Acetate	7.21	43	818313	41.27	ug/l	99
14) Allyl Chloride	7.24	41	3021166	44.53	ug/l	92
15) Carbon Disulfide	7.39	76	5929476	50.67	ug/l	100
16) 1,1-Dichloroethene	6.84	96	1721692	48.79	ug/l	97
17) Methylene Chloride	7.10	84	2061125	49.10	ug/l	91
18) Methyl tert-Butyl Ether	8.34	73	2550445	43.62	ug/l	96
19) Acrylonitrile	6.99	53	370344	42.27	ug/l	98
20) trans-1,2-Dichloroethene	8.15	96	1917935	50.00	ug/l	96
21) 1,1-Dichloroethane	8.52	63	2942633	49.85	ug/l	99
22) Vinyl Acetate	8.79	43	2851703	43.33	ug/l	96
23) Chloroprene	9.10	53	2043969	47.03	ug/l	92
24) 2-Butanone	9.24	72	444390	254.02	ug/l #	13
25) Di-isopropyl ether	9.27	45	6143529	42.98	ug/l	95
26) Methacrylonitrile	9.39	41	732860	42.64	ug/l	93
27) cis-1,2 Dichloroethene	9.42	96	2236023	51.20	ug/l	93
28) Methyl Acrylate	9.88	55	1049129	48.73	ug/l	100
29) Ethyl tertiary-butyl ether	9.88	59	3773147	44.42	ug/l	98
30) 2,2-Dichloropropane	9.86	77	1628580	46.93	ug/l	97
31) Bromochloromethane	9.67	128	997112	49.27	ug/l	95
32) Tetrahydrofuran	10.28	42	261471	40.09	ug/l	94
33) Chloroform	9.74	83	2915881	50.02	ug/l	99
35) 1-Chlorobutane	10.90	56	2710450	46.89	ug/l	94
36) 1,1,1-Trichloroethane	10.90	97	2113789	49.21	ug/l	98
37) 1,1-Dichloropropene	11.20	75	2043257	50.50	ug/l	99
38) Cyclohexane	11.33	56	1947963	46.34	ug/l	94
39) Carbon Tetrachloride	11.47	117	1834835	53.50	ug/l	100
40) Benzene	11.54	78	6924434	50.63	ug/l	100
42) 1,2-Dichloroethane	10.75	62	1420200	50.71	ug/l	98
43) Tertiary-amyl methyl ether	11.83	73	2816123	39.96	ug/l	92
44) Trichloroethene	12.55	95	1903046	49.40	ug/l	97
45) 1,2-Dichloropropane	12.48	63	1773590	49.45	ug/l	100
46) Dibromomethane	12.42	93	1186058	51.93	ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337159.D Vial: 7
Acq On : 9 Nov 2009 2:30 pm Operator: MD
Sample : BSK0051-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:00 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

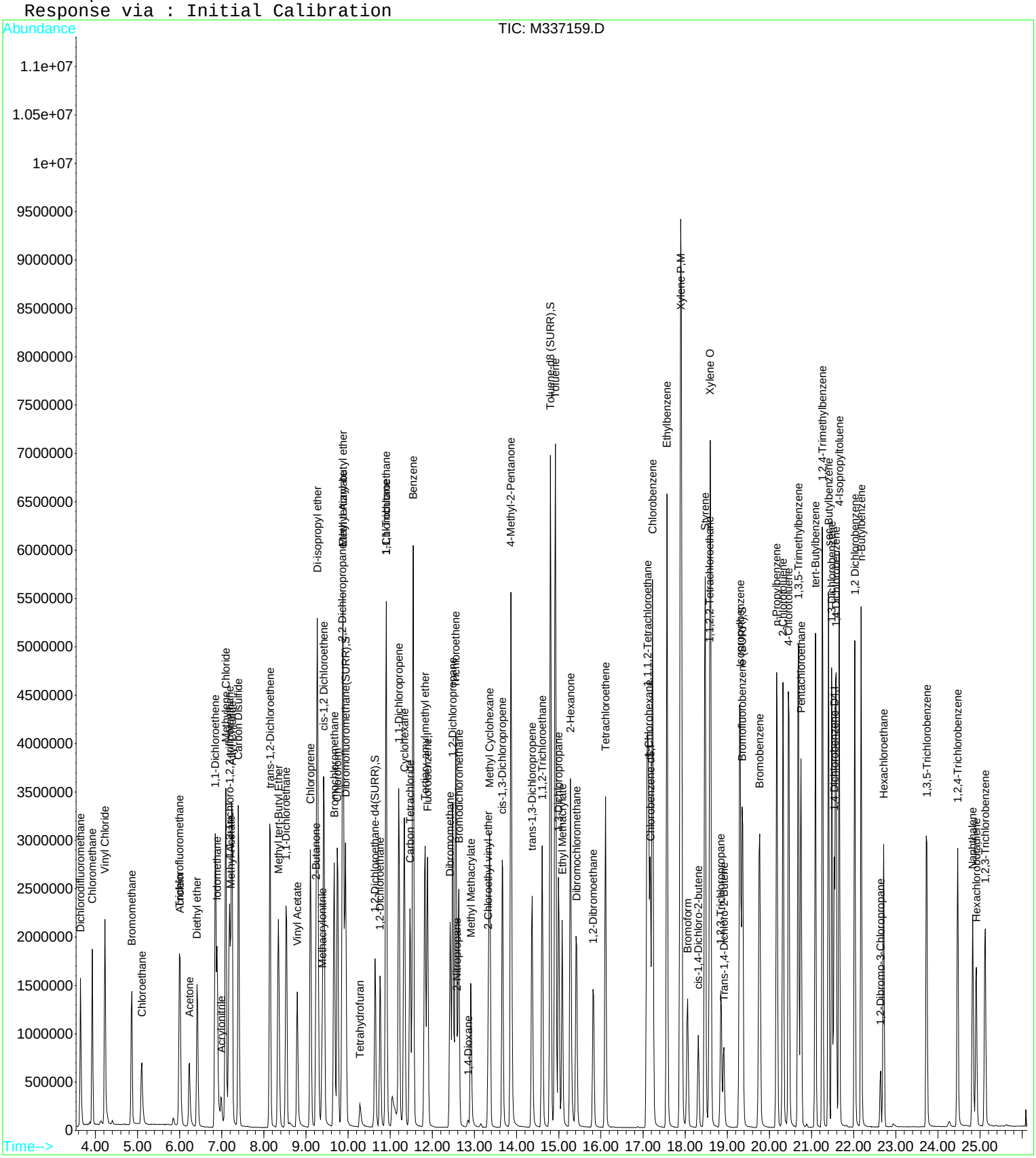
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.58	43	205240	57.26	ug/l		96
48)	Bromodichloromethane	12.63	83	2109659	52.39	ug/l		99
49)	1,4-Dioxane	12.85	88	109870	1096.98	ug/l		83
50)	Methyl Methacrylate	12.91	41	1035919	43.12	ug/l		91
51)	2-Chloroethyl vinyl ether	13.33	63	603794	205.86	ug/l		99
52)	Methyl Cyclohexane	13.36	83	1519200	48.19	ug/l		95
53)	4-Methyl-2-Pentanone	13.86	58	1963920	226.53	ug/l		89
54)	cis-1,3-Dichloropropene	13.65	75	2331433	49.19	ug/l		97
55)	trans-1,3-Dichloropropene	14.37	75	1781358	51.85	ug/l		96
56)	1,1,2-Trichloroethane	14.61	83	1210416	52.05	ug/l		97
57)	Toluene	14.92	92	4407547	50.91	ug/l		98
60)	Ethyl Methacrylate	15.08	69	1390049	49.07	ug/l		91
61)	2-Hexanone	15.28	43	3753320	233.82	ug/l		96
62)	1,3-Dichloropropane	14.99	76	2186298	53.20	ug/l		100
63)	Tetrachloroethene	16.11	164	1111285	49.47	ug/l		98
64)	Dibromochloromethane	15.42	129	1647876	55.77	ug/l		99
65)	1,2-Dibromoethane	15.81	107	1560191	53.03	ug/l		99
66)	1-Chlorohexane	17.14	91	1619199	48.81	ug/l		99
67)	Chlorobenzene	17.22	112	4861081	52.40	ug/l		99
68)	1,1,1,2-Tetrachloroethane	17.11	131	1478214	53.52	ug/l		100
69)	Ethylbenzene	17.57	91	7058511	52.18	ug/l		99
70)	Xylene P,M	17.89	106	5489044	104.58	ug/l		100
71)	Xylene O	18.59	106	2765434	52.91	ug/l		98
72)	Styrene	18.47	104	4904559	52.88	ug/l		97
73)	Bromoform	18.06	173	962972	60.62	ug/l		99
74)	cis-1,4-Dichloro-2-butene	18.31	75	364245	45.45	ug/l		98
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	265420	47.13	ug/l		97
78)	1,2,3-Trichloropropane	18.85	75	1003487	49.24	ug/l		99
79)	Isopropylbenzene	19.31	105	5623287	50.82	ug/l		99
80)	Bromobenzene	19.77	156	1733882	50.95	ug/l		97
81)	1,1,2,2-Tetrachloroethane	18.58	83	1622661	54.37	ug/l		99
82)	n-Propylbenzene	20.17	91	6267691	51.90	ug/l		99
83)	2-Chlorotoluene	20.32	91	4221189	50.45	ug/l		98
84)	4-Chlorotoluene	20.45	91	4406029	49.96	ug/l		99
85)	1,3,5-Trimethylbenzene	20.69	105	4298105	49.74	ug/l		98
86)	Pentachloroethane	20.75	119	1007946	55.93	ug/l		97
87)	tert-Butylbenzene	21.09	119	3220019	50.82	ug/l		96
88)	1,2,4-Trimethylbenzene	21.26	105	4613311	51.15	ug/l		98
89)	sec-Butylbenzene	21.40	105	5049943	52.05	ug/l		95
90)	1,3 Dichlorobenzene	21.48	146	2614102	50.32	ug/l		97
91)	4-Isopropyltoluene	21.66	119	4054423	51.31	ug/l		97
92)	1,4 Dichlorobenzene	21.58	146	2763950	49.01	ug/l		96
93)	n-Butylbenzene	22.18	91	3669855	52.89	ug/l		97
94)	1,2 Dichlorobenzene	22.03	146	2516868	49.73	ug/l		97
95)	1,2-Dibromo-3-Chloropropan	22.64	75	154898	49.35	ug/l	#	49
96)	Hexachloroethane	22.71	117	839035	64.95	ug/l		89
97)	1,3,5-Trichlorobenzene	23.74	180	1487588	52.30	ug/l		96
98)	1,2,4-Trichlorobenzene	24.47	180	1328061	53.17	ug/l		97
99)	Hexachlorobutadiene	24.91	225	558258	51.23	ug/l		99
100)	Naphthalene	24.83	128	2464160	49.19	ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	1037909	53.63	ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337159.D Vial: 7
Acq On : 9 Nov 2009 2:30 pm Operator: MD
Sample : BSK0051-CAL6 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:00 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337160.D Vial: 8
Acq On : 9 Nov 2009 3:02 pm Operator: MD
Sample : BSK0051-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:32 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	3764155	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.17	117	2387262	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	918344	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	4910846	109.81	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 439.24%#			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	2633942	106.10	ug/l	-0.01
Spiked Amount 25.000			Recovery = 424.40%			
59) Toluene-d8 (SURR)	14.81	98	13566355	109.66	ug/l	-0.01
Spiked Amount 25.000			Recovery = 438.64%			
75) Bromofluorobenzene (SURR)	19.36	95	4665472	109.25	ug/l	-0.01
Spiked Amount 25.000			Recovery = 437.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	3182752	98.31	ug/l	100
3) Chloromethane	3.92	50	3834189	90.10	ug/l	99
4) Vinyl Chloride	4.22	62	3004293	93.08	ug/l	100
5) Bromomethane	4.85	94	2740717	136.98	ug/l	99
6) Chloroethane	5.09	64	1699413	99.59	ug/l	97
7) Trichlorofluoromethane	6.00	101	4847406	94.13	ug/l	99
8) Diethyl ether	6.42	59	2305684	96.43	ug/l	91
9) Acrolein	6.01	56	303804	91.22	ug/l	96
10) Acetone	6.22	58	747153	422.75	ug/l	97
11) Iodomethane	6.89	142	4825032	101.77	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.19	101	3469578	103.67	ug/l	96
13) Methyl Acetate	7.22	43	1779205	84.89	ug/l	95
14) Allyl Chloride	7.23	41	6489691	90.47	ug/l	100
15) Carbon Disulfide	7.40	76	12649725	102.26	ug/l	100
16) 1,1-Dichloroethene	6.85	96	3693866	99.02	ug/l	93
17) Methylene Chloride	7.10	84	4277268	96.38	ug/l	90
18) Methyl tert-Butyl Ether	8.35	73	5667109	91.68	ug/l	97
19) Acrylonitrile	6.98	53	794234	85.75	ug/l	98
20) trans-1,2-Dichloroethene	8.14	96	4191149	103.35	ug/l	97
21) 1,1-Dichloroethane	8.53	63	6311834	101.15	ug/l	99
22) Vinyl Acetate	8.78	43	6458899	92.84	ug/l	99
23) Chloroprene	9.11	53	4525323	98.50	ug/l	90
24) 2-Butanone	9.23	72	1007801	544.94	ug/l #	1
25) Di-isopropyl ether	9.27	45	13413845	88.77	ug/l	89
26) Methacrylonitrile	9.38	41	1601212	88.12	ug/l	95
27) cis-1,2 Dichloroethene	9.42	96	4831592	104.64	ug/l	97
28) Methyl Acrylate	9.87	55	2246174	98.73	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	8243857	91.82	ug/l	98
30) 2,2-Dichloropropane	9.87	77	3598810	98.09	ug/l	93
31) Bromochloromethane	9.67	128	2092968	97.83	ug/l	89
32) Tetrahydrofuran	10.27	42	597048	86.59	ug/l	95
33) Chloroform	9.75	83	6384249	103.60	ug/l	98
35) 1-Chlorobutane	10.89	56	5923048	96.93	ug/l	97
36) 1,1,1-Trichloroethane	10.91	97	4663853	102.70	ug/l	100
37) 1,1-Dichloropropene	11.21	75	4468690	104.47	ug/l	98
38) Cyclohexane	11.34	56	4266647	96.01	ug/l	92
39) Carbon Tetrachloride	11.47	117	4089989	112.81	ug/l	100
40) Benzene	11.55	78	15082523	104.32	ug/l	100
42) 1,2-Dichloroethane	10.76	62	3068038	103.63	ug/l	98
43) Tertiary-amyl methyl ether	11.82	73	6188316	83.06	ug/l	95
44) Trichloroethene	12.56	95	4125502	101.30	ug/l	96
45) 1,2-Dichloropropane	12.49	63	3874069	102.18	ug/l	99
46) Dibromomethane	12.43	93	2497195	103.43	ug/l	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337160.D Vial: 8
Acq On : 9 Nov 2009 3:02 pm Operator: MD
Sample : BSK0051-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:32 2009 Quant Results File: AQ101609.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration
DataAcq Meth : AQ101609

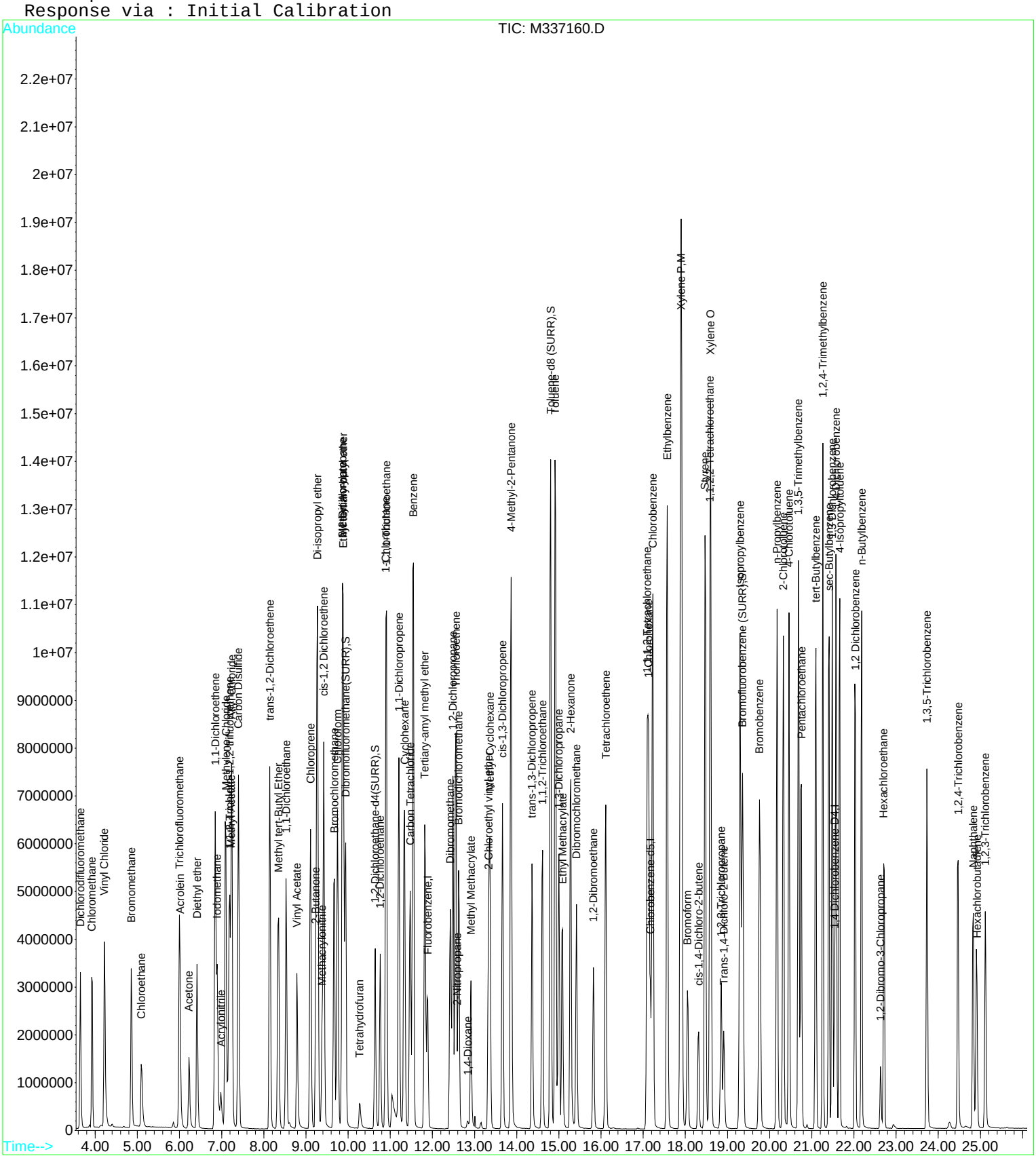
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.59	43	454678	117.09	ug/l		100
48)	Bromodichloromethane	12.62	83	4570176	107.36	ug/l		98
49)	1,4-Dioxane	12.84	88	235805	2142.09	ug/l		79
50)	Methyl Methacrylate	12.92	41	2239380	88.17	ug/l		84
51)	2-Chloroethyl vinyl ether	13.33	63	1604749	503.20	ug/l		97
52)	Methyl Cyclohexane	13.36	83	3294761	98.86	ug/l		93
53)	4-Methyl-2-Pentanone	13.87	58	4230446	461.60	ug/l		88
54)	cis-1,3-Dichloropropene	13.66	75	5154742	102.89	ug/l		98
55)	trans-1,3-Dichloropropene	14.36	75	3955098	108.90	ug/l		99
56)	1,1,2-Trichloroethane	14.61	83	2565322	104.35	ug/l		98
57)	Toluene	14.91	92	9287113	101.46	ug/l		97
60)	Ethyl Methacrylate	15.09	69	3010510	105.20	ug/l		88
61)	2-Hexanone	15.28	43	8228751	507.48	ug/l		96
62)	1,3-Dichloropropane	15.00	76	4638746	111.75	ug/l		100
63)	Tetrachloroethene	16.11	164	2383401	105.03	ug/l		95
64)	Dibromochloromethane	15.42	129	3617729	121.21	ug/l		98
65)	1,2-Dibromoethane	15.82	107	3328090	111.98	ug/l		100
66)	1-Chlorohexane	17.13	91	3509188	104.71	ug/l		96
67)	Chlorobenzene	17.23	112	10320761	110.13	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.10	131	3151131	112.95	ug/l		99
69)	Ethylbenzene	17.57	91	14875805	108.87	ug/l		97
70)	Xylene P,M	17.90	106	11706520	220.80	ug/l	#	79
71)	Xylene O	18.60	106	5913954	112.01	ug/l		97
72)	Styrene	18.46	104	10707598	114.30	ug/l		99
73)	Bromoform	18.05	173	2153540	134.21	ug/l		99
74)	cis-1,4-Dichloro-2-butene	18.32	75	887402	105.53	ug/l		94
77)	Trans-1,4-Dichloro-2-Buten	18.91	53	597656	99.54	ug/l		95
78)	1,2,3-Trichloropropane	18.85	75	2061963	96.96	ug/l		97
79)	Isopropylbenzene	19.30	105	12188577	105.57	ug/l		97
80)	Bromobenzene	19.76	156	3747749	105.54	ug/l		94
81)	1,1,2,2-Tetrachloroethane	18.58	83	3390053	109.08	ug/l		99
82)	n-Propylbenzene	20.17	91	13591020	107.86	ug/l		99
83)	2-Chlorotoluene	20.32	91	9048286	103.64	ug/l		97
84)	4-Chlorotoluene	20.46	91	9494622	103.18	ug/l		97
85)	1,3,5-Trimethylbenzene	20.68	105	9264514	102.74	ug/l		98
86)	Pentachloroethane	20.75	119	2251574	119.73	ug/l		97
87)	tert-Butylbenzene	21.10	119	6990856	105.74	ug/l		97
88)	1,2,4-Trimethylbenzene	21.26	105	9810085	104.23	ug/l		100
89)	sec-Butylbenzene	21.41	105	10967657	108.33	ug/l		98
90)	1,3 Dichlorobenzene	21.48	146	5644543	104.12	ug/l		99
91)	4-Isopropyltoluene	21.66	119	8876992	107.66	ug/l		99
92)	1,4 Dichlorobenzene	21.57	146	5958034	101.25	ug/l		99
93)	n-Butylbenzene	22.18	91	8066300	111.40	ug/l		99
94)	1,2 Dichlorobenzene	22.03	146	5379538	101.86	ug/l		100
95)	1,2-Dibromo-3-Chloropropan	22.63	75	339185	103.56	ug/l		85
96)	Hexachloroethane	22.70	117	1839624	136.48	ug/l		98
97)	1,3,5-Trichlorobenzene	23.73	180	3244545	109.31	ug/l		99
98)	1,2,4-Trichlorobenzene	24.47	180	2882683	110.60	ug/l		98
99)	Hexachlorobutadiene	24.92	225	1232180	108.36	ug/l		99
100)	Naphthalene	24.83	128	5546491	106.11	ug/l		100
101)	1,2,3-Trichlorobenzene	25.11	180	2258754	111.86	ug/l		99

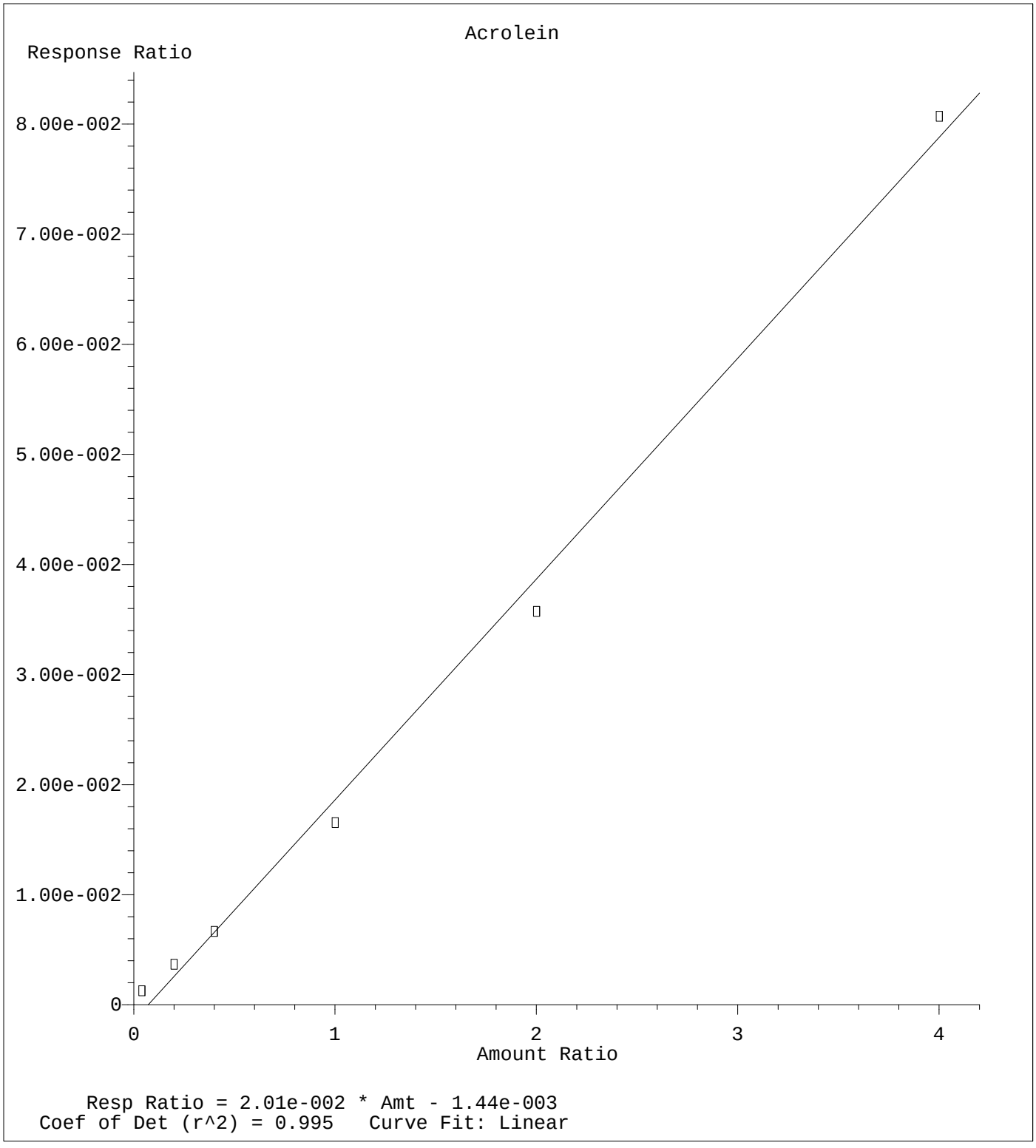
(#) = qualifier out of range (m) = manual integration

Quantitation Report

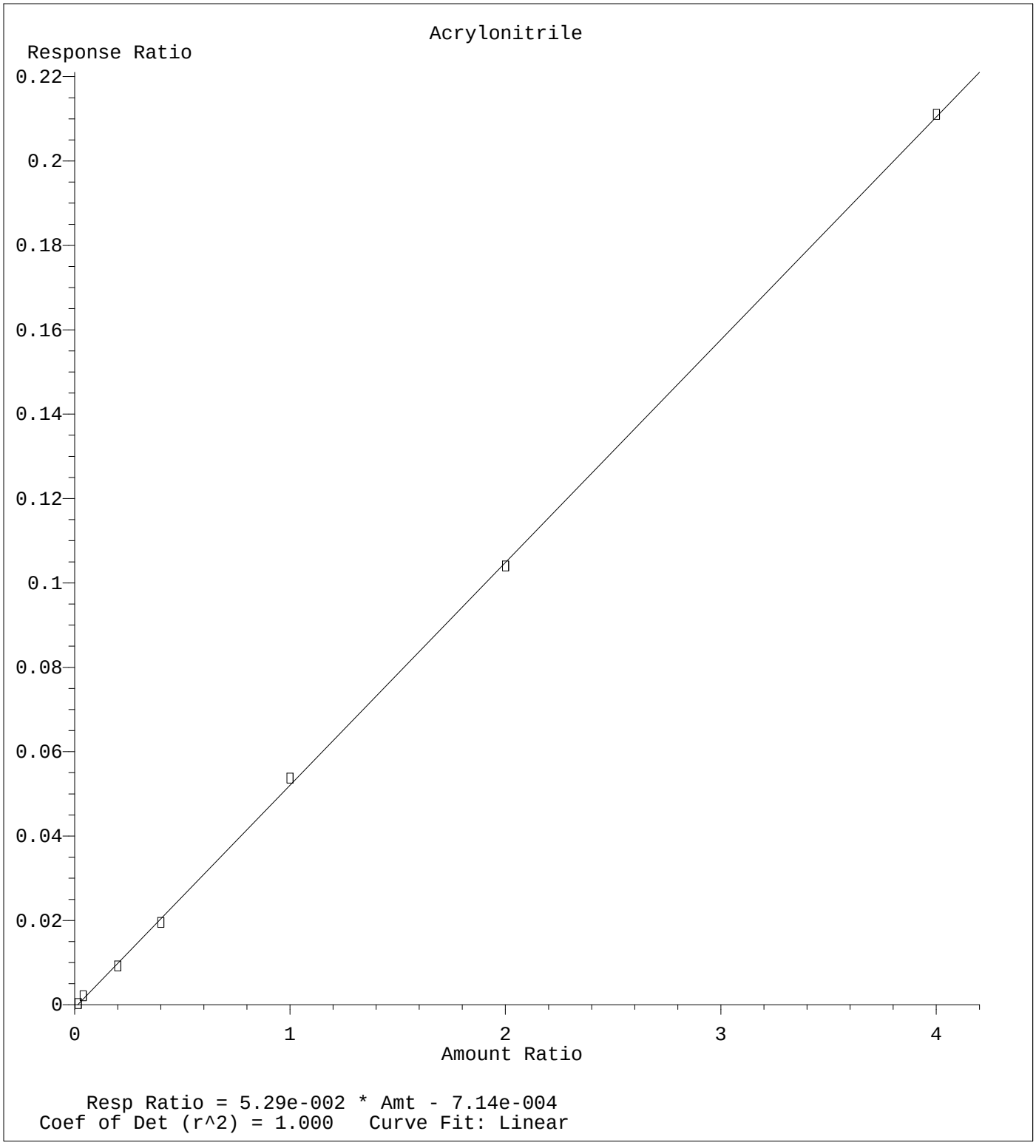
Data File : Q:\VOA\MS3_MG\MG1109\MG110909\M337160.D Vial: 8
Acq On : 9 Nov 2009 3:02 pm Operator: MD
Sample : BSK0051-CAL7 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 9 15:32 2009 Quant Results File: AQ101609.RES

Method : C:\HPCHEM\1\METHODS\AQ101609.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Oct 19 08:54:56 2009
Response via : Initial Calibration

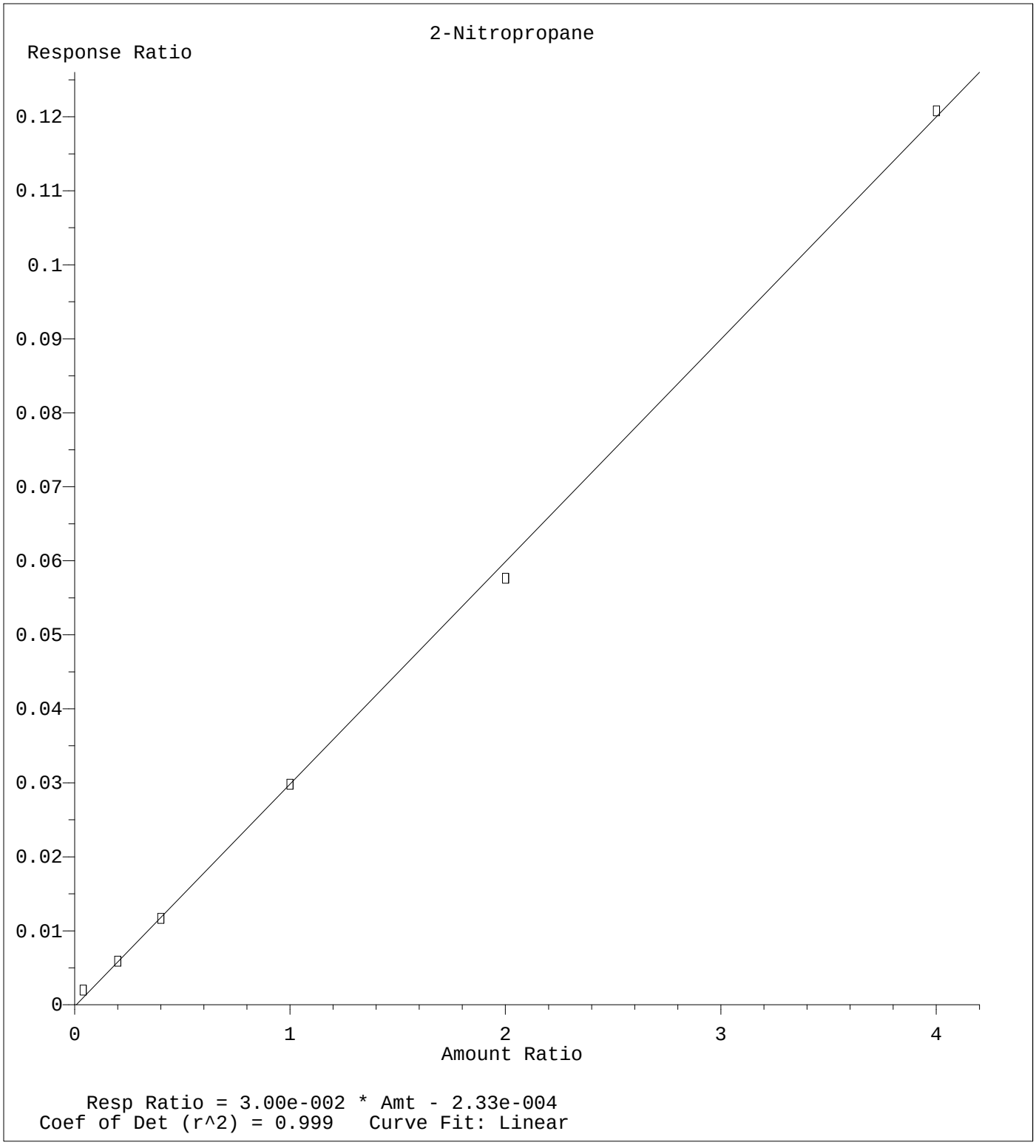




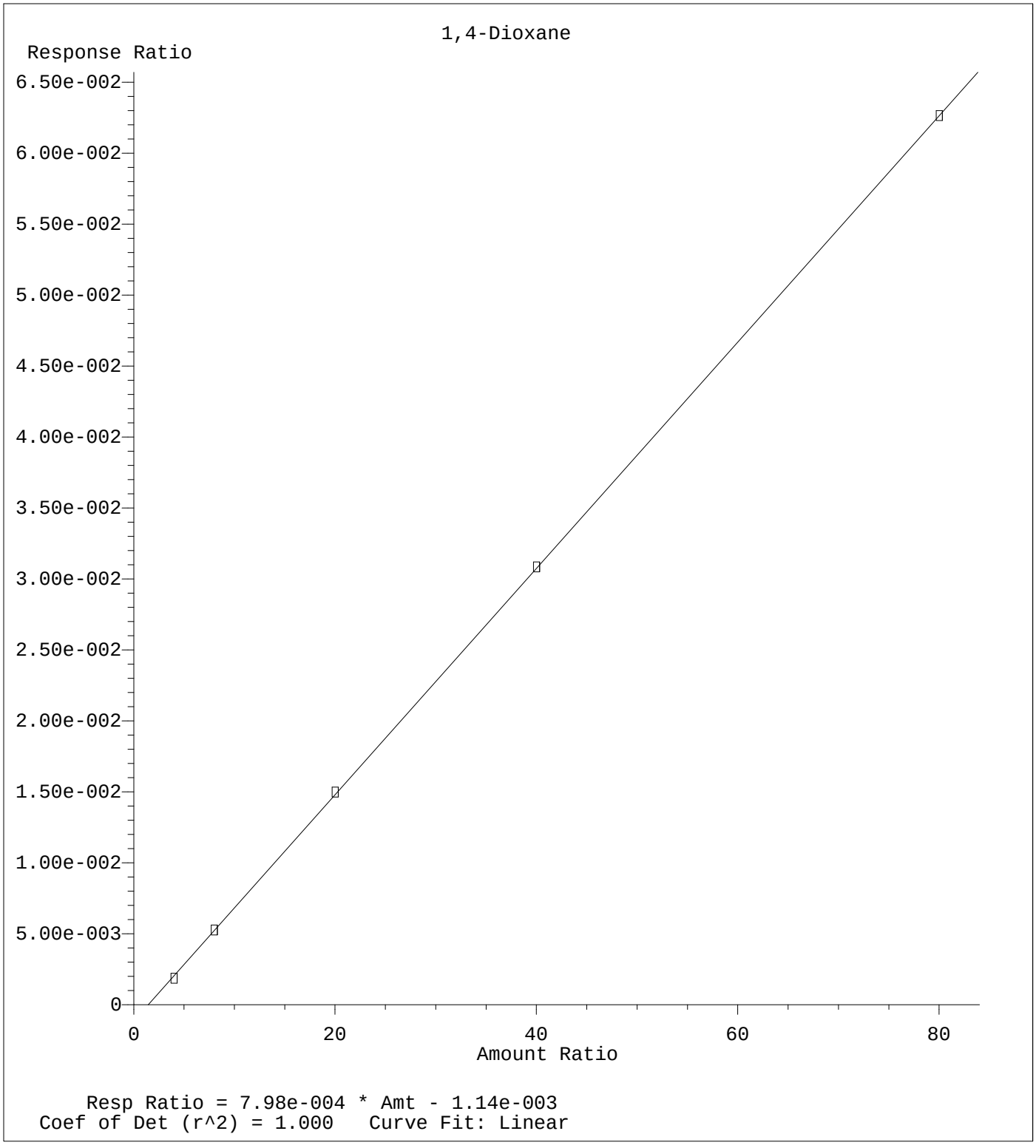
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:33:18 2009



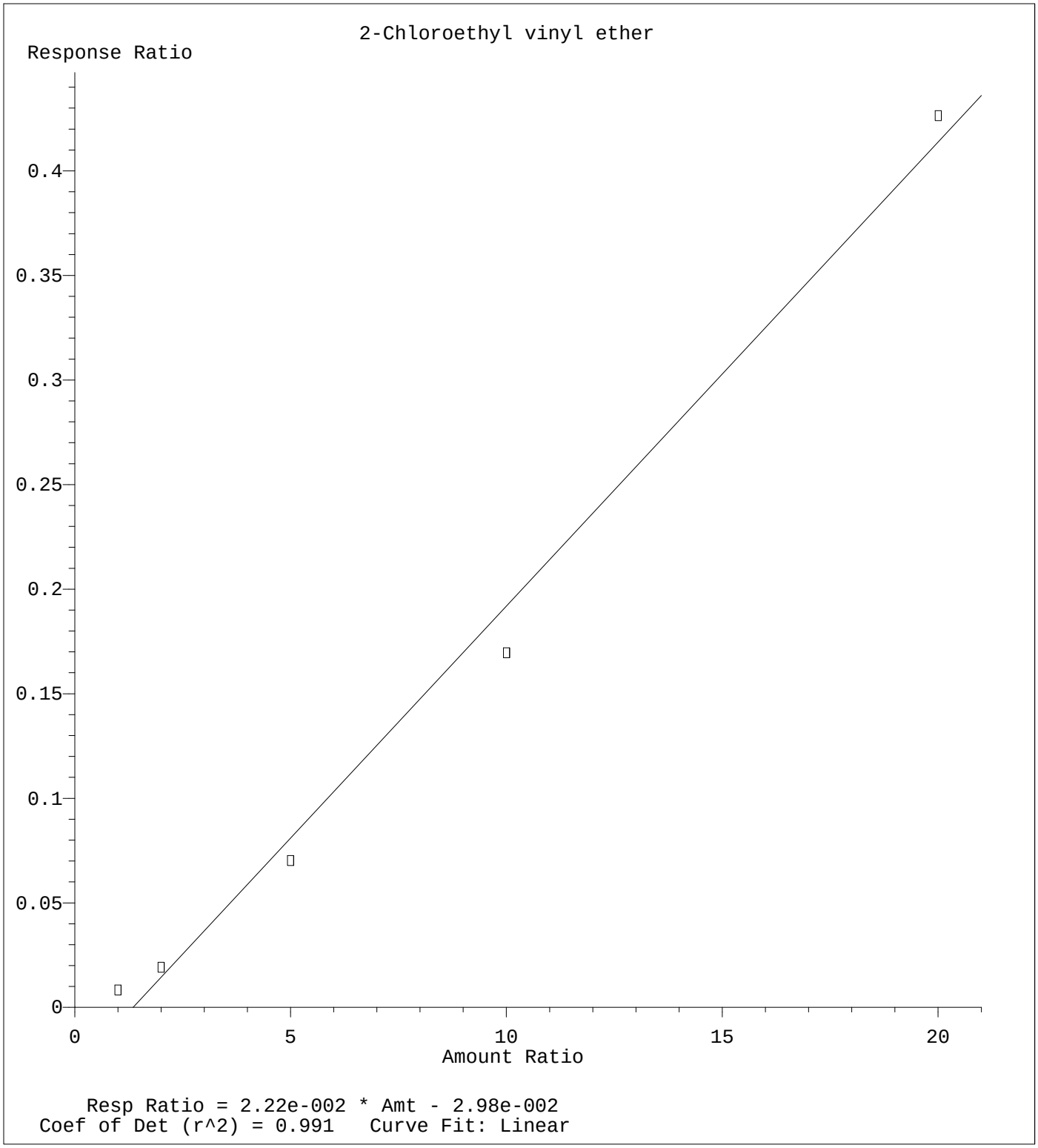
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:33:31 2009



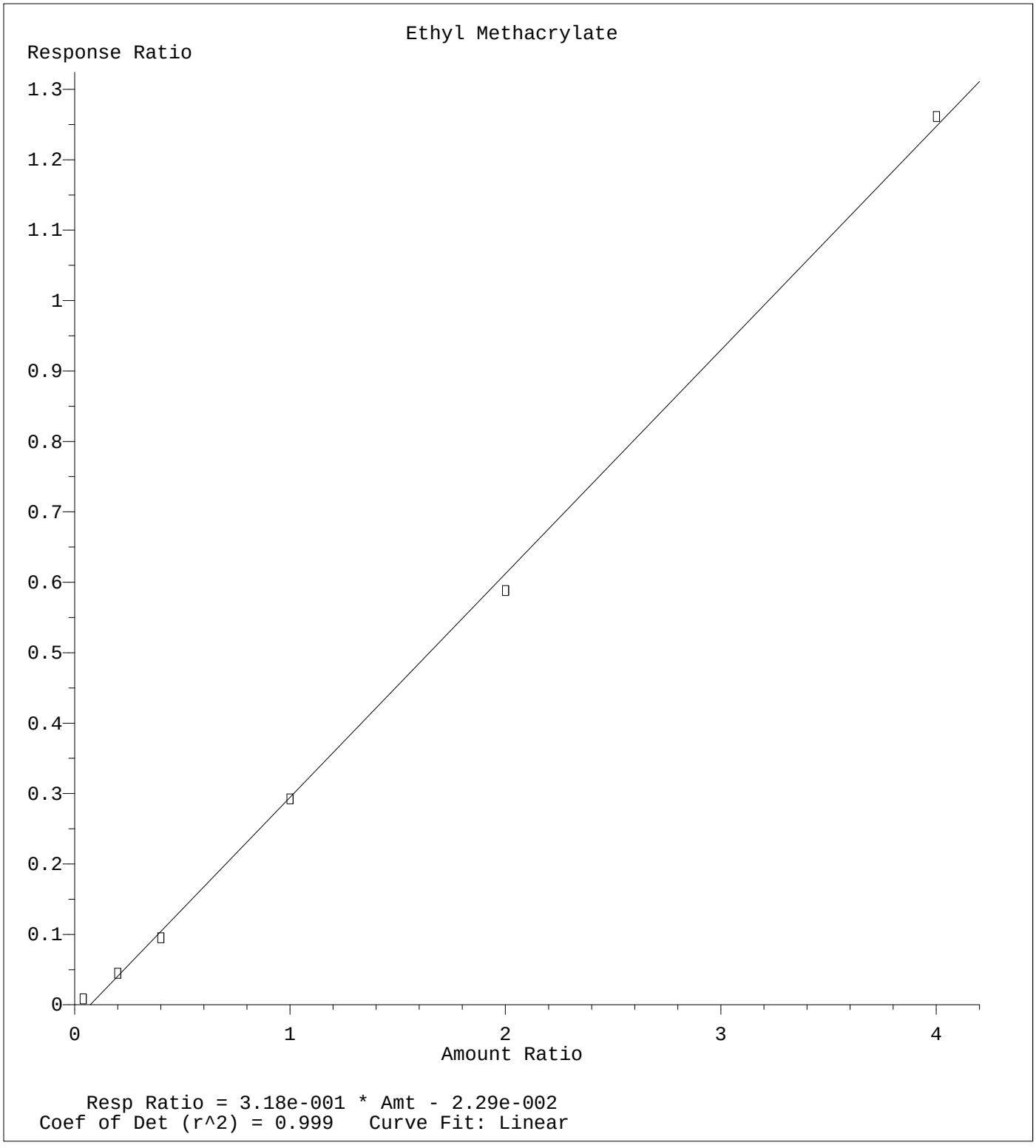
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:04 2009



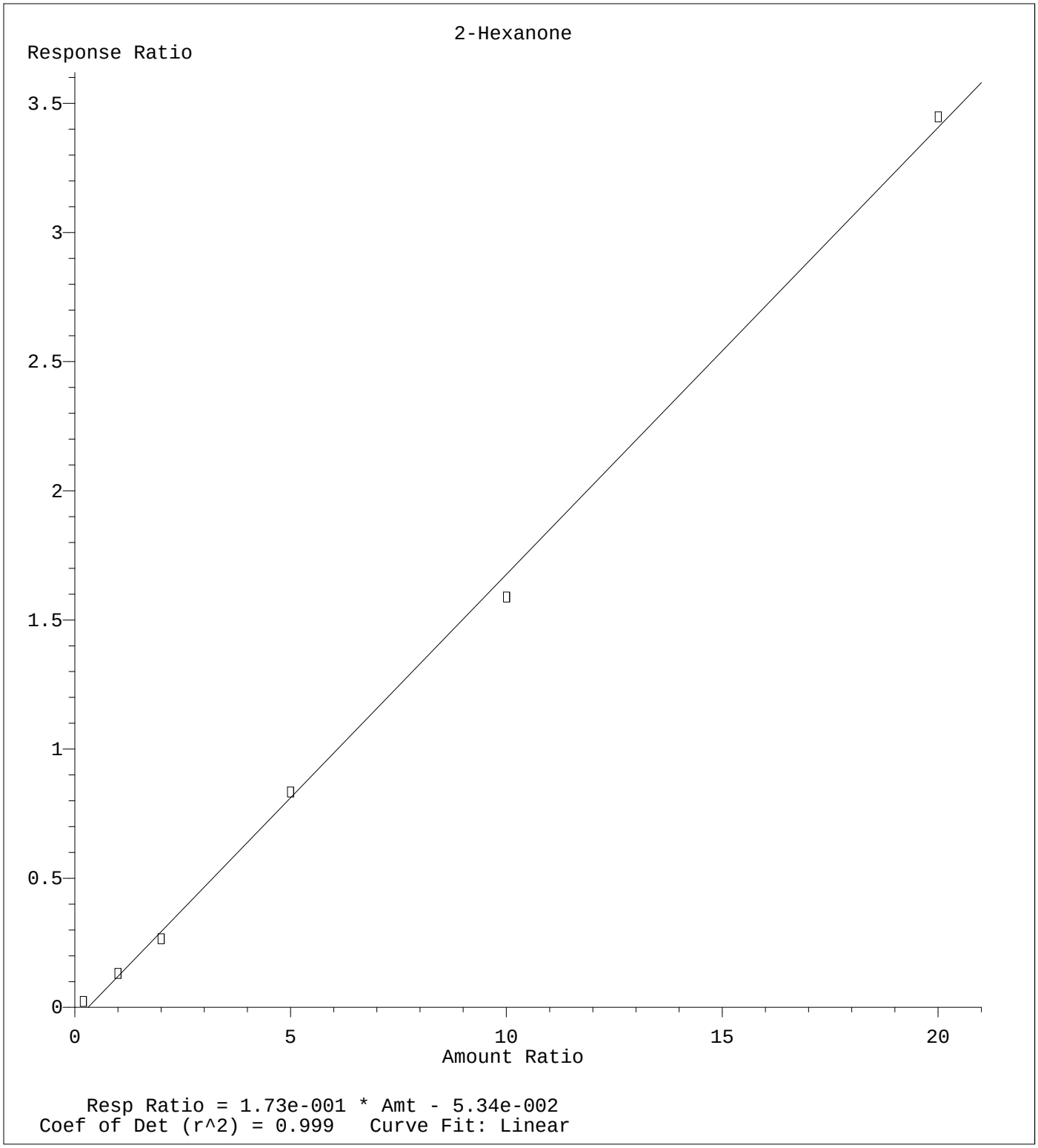
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:14 2009



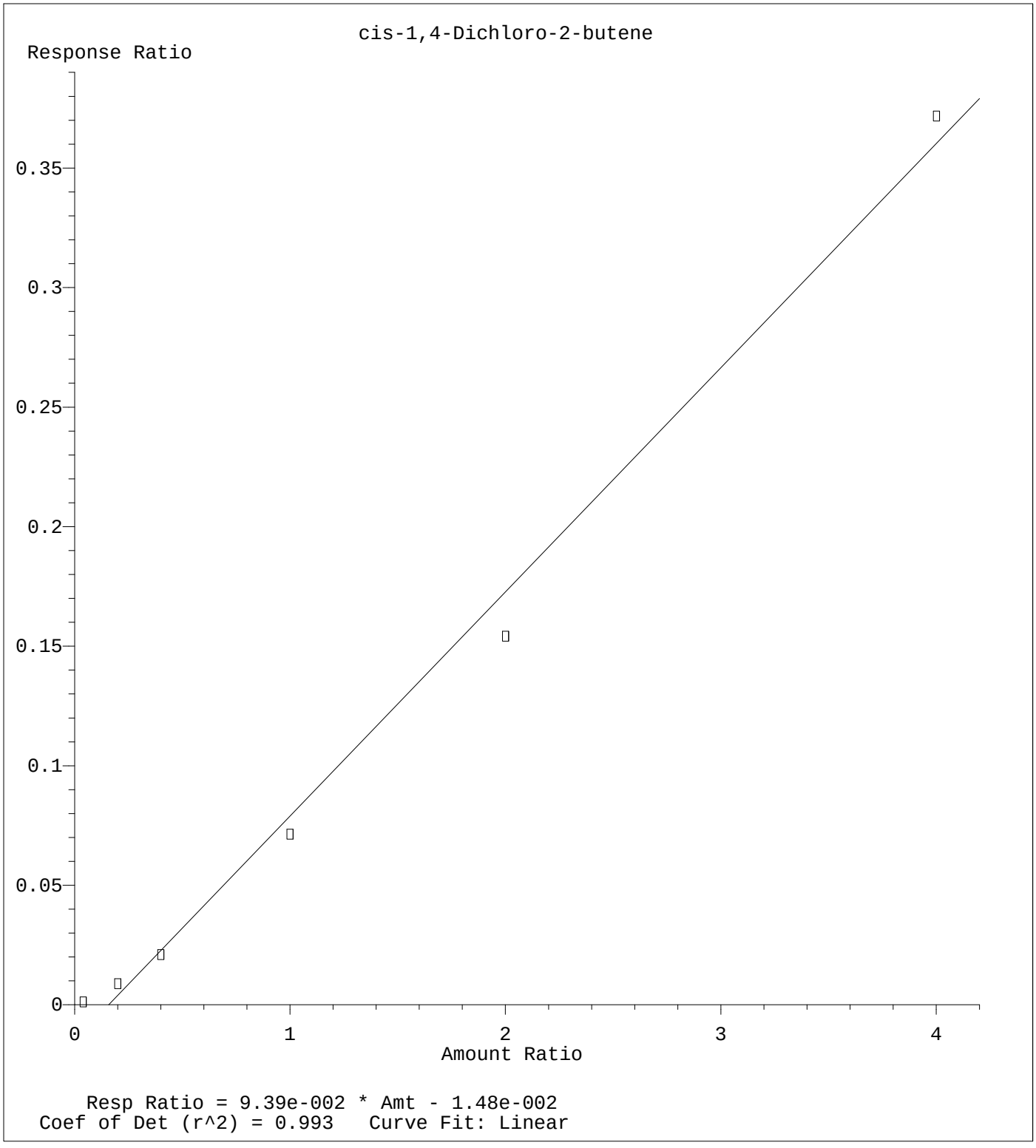
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:21 2009



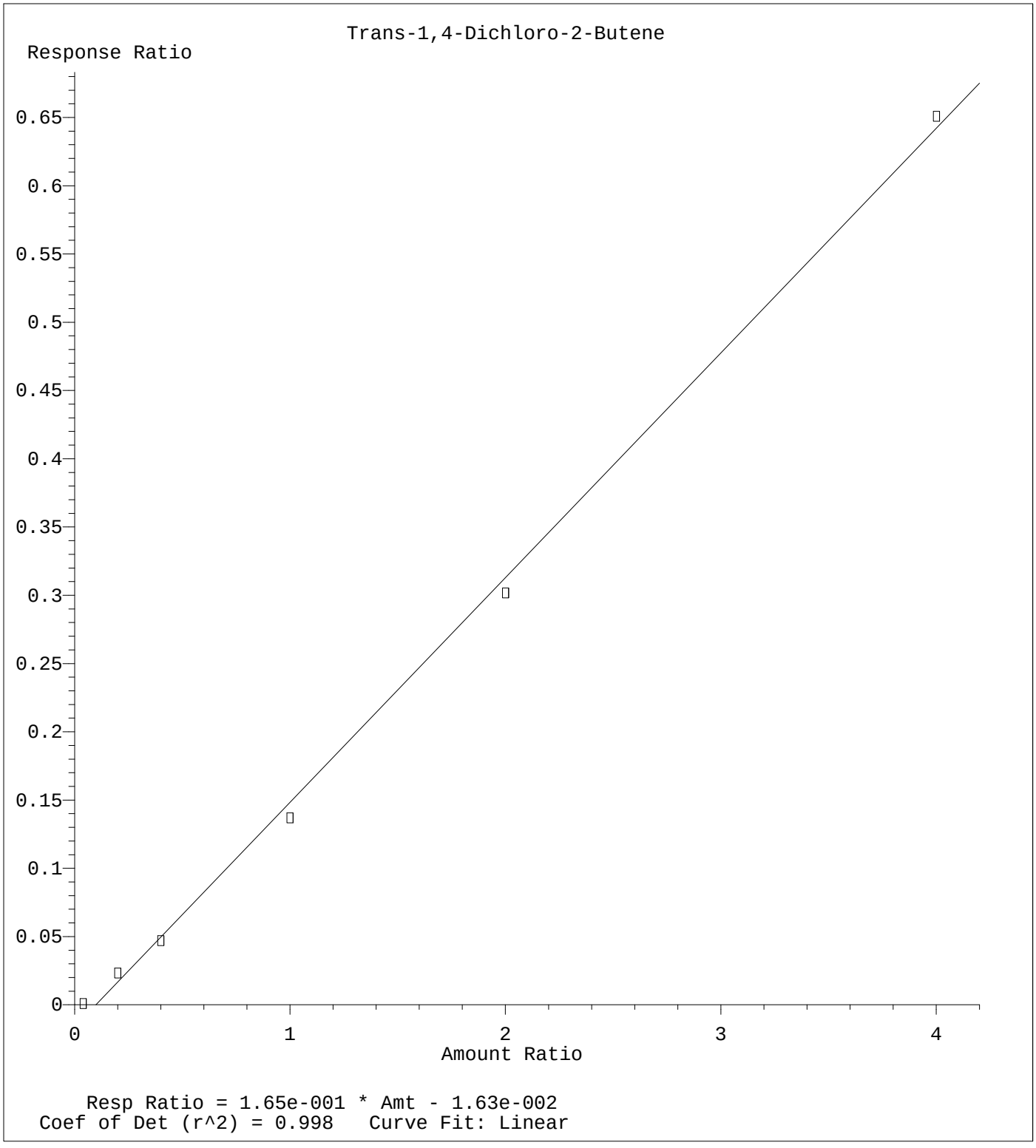
Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:37 2009



Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:34:46 2009



Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:35:03 2009



Method Name: C:\HPCHEM\1\METHODS\AQ110909.M
Calibration Table Last Updated: Mon Nov 09 15:35:09 2009

Response Factor Report VOA MS3

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:20 2009
Response via : Initial Calibration

Calibration Files
25 =M337158.D 10 =M337157.D 5 =M337156.D
1 =M337155.D 50 =M337159.D 100 =M337160.D

		Compound	25	10	5	1	50	100	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.210	0.209	0.218	0.227	0.210	0.211	0.214	3.29
3)		Chloromethane	0.246	0.248	0.264	0.295	0.249	0.255	0.260	7.16
4)		Vinyl Chloride	0.210	0.207	0.220	0.234	0.209	0.200	0.213	5.65
5)		Bromomethane	0.149	0.132	0.124	0.138	0.166	0.182	0.149	14.87
6)		Chloroethane	0.115	0.116	0.116	0.142	0.115	0.113	0.119	9.31
7)		Trichlorofluorometh	0.281	0.271	0.272	0.285	0.290	0.322	0.287	6.54
8)		Diethyl ether	0.143	0.128	0.132	0.137	0.147	0.153	0.140	6.88
9)		Acrolein	0.017	0.017	0.018	0.032	0.018	0.020	0.020	28.63
10)		Acetone	0.011	0.010	0.011		0.010	0.010	0.010	2.90
11)		Iodomethane	0.342	0.322	0.290	0.281	0.360	0.320	0.319	9.49
12)		1,1,2-Trichloro-1,2	0.219	0.211	0.215	0.233	0.225	0.230	0.222	3.99
13)		Methyl Acetate	0.117	0.110	0.113	0.151	0.115	0.118	0.121	12.65
14)		Allyl Chloride	0.399	0.370	0.356	0.345	0.424	0.431	0.387	9.30
15)		Carbon Disulfide	0.805	0.779	0.785	0.830	0.833	0.840	0.812	3.24
16)		1,1-Dichloroethene	0.232	0.222	0.222	0.239	0.242	0.245	0.234	4.32
17)		Methylene Chloride	0.287	0.284	0.294	0.314	0.289	0.284	0.292	3.87
18)		Methyl tert-Butyl E	0.352	0.319	0.321	0.332	0.358	0.376	0.343	6.64
19)		Acrylonitrile	0.054	0.049	0.046	0.053	0.052	0.053	0.046	29.16
20)		trans-1,2-Dichloroe	0.255	0.245	0.239	0.271	0.269	0.278	0.260	6.01
21)		1,1-Dichloroethane	0.393	0.375	0.376	0.389	0.413	0.419	0.394	4.67
22)		Vinyl Acetate	0.381	0.332	0.345	0.373	0.400	0.429	0.377	9.41
23)		Chloroprene	0.272	0.246	0.242	0.248	0.287	0.301	0.266	9.21
24)		2-Butanone	0.013	0.011	0.010		0.012	0.013	0.012	11.84
25)		Di-isopropyl ether	0.836	0.782	0.759	0.796	0.863	0.891	0.821	6.15
26)		Methacrylonitrile	0.103	0.089	0.108	0.123	0.103	0.106	0.105	10.19
27)		cis-1,2 Dichloroeth	0.303	0.293	0.292	0.292	0.314	0.321	0.303	4.12
28)		Methyl Acrylate	0.146	0.130	0.129	0.098	0.147	0.149	0.133	14.68
29)		Ethyl tertiary-buty	0.519	0.465	0.463	0.465	0.530	0.548	0.498	7.66
30)		2,2-Dichloropropane	0.217	0.197	0.193	0.198	0.229	0.239	0.212	8.93
31)		Bromochloromethane	0.141	0.133	0.134	0.143	0.140	0.139	0.138	2.85
32)		Tetrahydrofuran	0.042	0.037	0.039		0.037	0.040	0.039	6.20
33)		Chloroform	0.394	0.380	0.385	0.415	0.409	0.424	0.401	4.35
34)	S	Dibromofluoromethan	0.308	0.296	0.291	0.313	0.319	0.326	0.309	4.34
35)		1-Chlorobutane	0.363	0.337	0.335	0.340	0.381	0.393	0.358	6.94
36)		1,1,1-Trichloroetha	0.284	0.268	0.272	0.275	0.297	0.310	0.285	5.62
37)		1,1-Dichloropropene	0.274	0.256	0.259	0.258	0.287	0.297	0.272	6.33
38)		Cyclohexane	0.262	0.240	0.238	0.248	0.274	0.283	0.257	7.27
39)		Carbon Tetrachlorid	0.242	0.227	0.229	0.232	0.258	0.272	0.243	7.40
40)		Benzene	0.932	0.886	0.893	0.899	0.972	1.002	0.931	5.09
41)	S	1,2-Dichloroethane-	0.172	0.163	0.167	0.166	0.173	0.175	0.169	2.79
42)		1,2-Dichloroethane	0.197	0.186	0.193	0.202	0.199	0.204	0.197	3.30
43)		Tertiary-amyl methy	0.396	0.368	0.375	0.385	0.395	0.411	0.389	4.00
44)		Trichloroethene	0.259	0.245	0.248	0.270	0.267	0.274	0.261	4.60
45)		1,2-Dichloropropane	0.241	0.229	0.226	0.232	0.249	0.257	0.239	5.14
46)		Dibromomethane	0.164	0.154	0.156	0.181	0.167	0.166	0.165	5.91
47)		2-Nitropropane	0.030	0.029	0.029	0.050	0.029	0.030	0.033	25.34
48)		Bromodichloromethan	0.283	0.261	0.261	0.271	0.296	0.304	0.280	5.90
49)		1,4-Dioxane	0.001	0.001	0.000		0.001	0.001	0.001	19.34
50)		Methyl Methacrylate	0.149	0.125	0.128	0.118	0.145	0.149	0.136	9.98
51)		2-Chloroethyl vinyl	0.014	0.010	0.008		0.017	0.021	0.014	38.13
52)		Methyl Cyclohexane	0.210	0.191	0.191	0.193	0.213	0.219	0.203	6.21
53)		4-Methyl-2-Pentanon	0.057	0.049	0.049	0.044	0.055	0.056	0.052	9.92
54)		cis-1,3-Dichloropro	0.307	0.276	0.277	0.267	0.327	0.342	0.297	9.87
55)		trans-1,3-Dichlorop	0.232	0.199	0.198	0.183	0.250	0.263	0.218	13.78
56)		1,1,2-Trichloroetha	0.169	0.155	0.163	0.168	0.170	0.170	0.166	3.55
57)		Toluene	0.601	0.578	0.589	0.603	0.619	0.617	0.601	2.63
58)	I	Chlorobenzene-d5	----------ISTD----------							

(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:20 2009
Response via : Initial Calibration

Calibration Files
25 =M337158.D 10 =M337157.D 5 =M337156.D
1 =M337155.D 50 =M337159.D 100 =M337160.D

		Compound	25	10	5	1	50	100	Avg	%RSD
59)	S	Toluene-d8 (SURR)	1.324	1.232	1.153	1.235	1.368	1.421	1.289	7.71
60)		Ethyl Methacrylate	0.292	0.238	0.224	0.209	0.294	0.315	0.262	16.81
61)		2-Hexanone	0.167	0.133	0.131	0.113	0.159	0.172	0.146	16.22
62)		1,3-Dichloropropane	0.455	0.409	0.389	0.409	0.463	0.486	0.435	8.73
63)		Tetrachloroethene	0.234	0.222	0.212	0.246	0.235	0.250	0.233	6.12
64)		Dibromochloromethan	0.346	0.304	0.283	0.296	0.349	0.379	0.332	11.24
65)		1,2-Dibromoethane	0.324	0.291	0.282	0.280	0.330	0.349	0.309	9.29
66)		1-Chlorohexane	0.325	0.291	0.273	0.306	0.343	0.367	0.318	10.87
67)		Chlorobenzene	1.010	0.945	0.918	0.981	1.028	1.081	0.994	5.92
68)		1,1,1,2-Tetrachloro	0.301	0.276	0.265	0.274	0.313	0.330	0.293	8.68
69)		Ethylbenzene	1.448	1.304	1.230	1.261	1.493	1.558	1.382	9.79
70)		Xylene P,M	0.570	0.526	0.493	0.478	0.581	0.613	0.544	9.73
71)		Xylene O	0.568	0.524	0.509	0.495	0.585	0.619	0.550	8.82
72)		Styrene	1.000	0.873	0.801	0.764	1.038		0.895	13.45
73)		Bromoform	0.203	0.182	0.175	0.172	0.204	0.226	0.194	10.76
74)		cis-1,4-Dichloro-2-	0.071	0.053	0.044	0.029	0.077	0.093	0.061	38.33
75)	S	Bromofluorobenzene	0.454	0.420	0.395	0.431	0.465	0.489	0.442	7.58
76)	I	1,4 Dichlorobenzene-D	----------	ISTD	----------					
77)		Trans-1,4-Dichloro-	0.137	0.118	0.116	0.023	0.151	0.163	0.118	42.20
78)		1,2,3-Trichloroprop	0.578	0.527	0.547	0.598	0.570	0.561	0.563	4.39
79)		Isopropylbenzene	3.017	2.799	2.692	2.551	3.195	3.318	2.929	10.20
80)		Bromobenzene	0.960	0.887	0.836	0.833	0.985	1.020	0.920	8.64
81)		1,1,2,2-Tetrachloro	0.940	0.872	0.914	0.931	0.922	0.923	0.931	4.53
82)		n-Propylbenzene	3.375	3.102	2.963	2.757	3.561	3.700	3.243	11.22
83)		2-Chlorotoluene	2.315	2.215	2.152	2.278	2.398	2.463	2.304	4.99
84)		4-Chlorotoluene	2.427	2.274	2.281	2.262	2.503	2.585	2.389	5.73
85)		1,3,5-Trimethylbenz	2.349	2.191	2.122	1.982	2.442	2.522	2.268	9.05
86)		Pentachloroethane	0.590	0.547	0.555	0.612	0.573	0.613	0.582	4.83
87)		tert-Butylbenzene	1.727	1.569	1.479	1.489	1.829	1.903	1.666	10.80
88)		1,2,4-Trimethylbenz	2.502	2.327	2.267	2.243	2.621	2.671	2.439	7.58
89)		sec-Butylbenzene	2.721	2.542	2.394	2.332	2.869	2.986	2.641	9.92
90)		1,3 Dichlorobenzene	1.443	1.345	1.371	1.403	1.485	1.537	1.431	5.04
91)		4-Isopropyltoluene	2.144	2.009	1.942	1.864	2.303	2.417	2.113	10.18
92)		1,4 Dichlorobenzene	1.541	1.525	1.522	1.676	1.570	1.622	1.576	3.89
93)		n-Butylbenzene	1.962	1.765	1.658	1.523	2.085	2.196	1.865	13.93
94)		1,2 Dichlorobenzene	1.401	1.314	1.314	1.371	1.430	1.464	1.382	4.45
95)		1,2-Dibromo-3-Chlor	0.093	0.081	0.075	0.074	0.088	0.092	0.084	10.10
96)		Hexachloroethane	0.448	0.416	0.398	0.424	0.477	0.501	0.444	8.79
97)		1,3,5-Trichlorobenz	0.804	0.739	0.699	0.723	0.845	0.883	0.782	9.39
98)		1,2,4-Trichlorobenz	0.731	0.658	0.620	0.643	0.755	0.785	0.698	9.62
99)		Hexachlorobutadiene	0.297	0.288	0.270	0.306	0.317	0.335	0.300	7.18
100)		Naphthalene	1.350	1.134	1.095	1.081	1.400	1.510	1.262	14.42
101)		1,2,3-Trichlorobenz	0.579	0.520	0.487	0.493	0.590	0.615	0.547	9.89

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report VOA MS3

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:48 2009
Response via : Initial Calibration

Calibration Files
10 =M337157.D 5 =M337156.D 1 =M337155.D
50 =M337159.D 100 =M337160.D 0.4 =M337154.D

		Compound	10	5	1	50	100	0.4	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.209	0.218	0.227	0.210	0.211		0.215	3.48
3)		Chloromethane	0.248	0.264	0.295	0.249	0.255		0.262	7.42
4)		Vinyl Chloride	0.207	0.220	0.234	0.209	0.200		0.214	6.24
5)		Bromomethane	0.132	0.124	0.138	0.166	0.182		0.148	16.64
6)		Chloroethane	0.116	0.116	0.142	0.115	0.113		0.120	10.16
7)		Trichlorofluorometh	0.271	0.272	0.285	0.290	0.322		0.288	7.18
8)		Diethyl ether	0.128	0.132	0.137	0.147	0.153		0.139	7.64
9)		Acrolein	0.017	0.018	0.032	0.018	0.020		0.021	29.35
10)		Acetone	0.010	0.011		0.010	0.010		0.010	2.43
11)		Iodomethane	0.322	0.290	0.281	0.360	0.320		0.315	9.99
12)		1,1,2-Trichloro-1,2	0.211	0.215	0.233	0.225	0.230		0.223	4.38
13)		Methyl Acetate	0.110	0.113	0.151	0.115	0.118		0.121	13.92
14)		Allyl Chloride	0.370	0.356	0.345	0.424	0.431		0.385	10.33
15)		Carbon Disulfide	0.779	0.785	0.830	0.833	0.840		0.813	3.58
16)		1,1-Dichloroethene	0.222	0.222	0.239	0.242	0.245		0.234	4.81
17)		Methylene Chloride	0.284	0.294	0.314	0.289	0.284		0.293	4.20
18)		Methyl tert-Butyl E	0.319	0.321	0.332	0.358	0.376		0.341	7.32
19)		Acrylonitrile	0.049	0.046	0.053	0.052	0.053	0.016	0.045	31.81
20)		trans-1,2-Dichloroe	0.245	0.239	0.271	0.269	0.278		0.260	6.61
21)		1,1-Dichloroethane	0.375	0.376	0.389	0.413	0.419		0.395	5.21
22)		Vinyl Acetate	0.332	0.345	0.373	0.400	0.429		0.376	10.53
23)		Chloroprene	0.246	0.242	0.248	0.287	0.301		0.265	10.26
24)		2-Butanone	0.011	0.010		0.012	0.013		0.012	13.22
25)		Di-isopropyl ether	0.782	0.759	0.796	0.863	0.891		0.818	6.83
26)		Methacrylonitrile	0.089	0.108	0.123	0.103	0.106		0.106	11.26
27)		cis-1,2 Dichloroeth	0.293	0.292	0.292	0.314	0.321		0.302	4.61
28)		Methyl Acrylate	0.130	0.129	0.098	0.147	0.149		0.131	15.81
29)		Ethyl tertiary-buty	0.465	0.463	0.465	0.530	0.548		0.494	8.33
30)		2,2-Dichloropropane	0.197	0.193	0.198	0.229	0.239		0.211	9.94
31)		Bromochloromethane	0.133	0.134	0.143	0.140	0.139		0.138	2.99
32)		Tetrahydrofuran	0.037	0.039		0.037	0.040		0.038	4.04
33)		Chloroform	0.380	0.385	0.415	0.409	0.424		0.403	4.75
34)	S	Dibromofluoromethan	0.296	0.291	0.313	0.319	0.326		0.309	4.84
35)		1-Chlorobutane	0.337	0.335	0.340	0.381	0.393		0.357	7.75
36)		1,1,1-Trichloroetha	0.268	0.272	0.275	0.297	0.310		0.285	6.28
37)		1,1-Dichloropropene	0.256	0.259	0.258	0.287	0.297		0.271	7.08
38)		Cyclohexane	0.240	0.238	0.248	0.274	0.283		0.256	8.09
39)		Carbon Tetrachlorid	0.227	0.229	0.232	0.258	0.272		0.243	8.26
40)		Benzene	0.886	0.893	0.899	0.972	1.002		0.930	5.69
41)	S	1,2-Dichloroethane-	0.163	0.167	0.166	0.173	0.175		0.169	2.98
42)		1,2-Dichloroethane	0.186	0.193	0.202	0.199	0.204		0.197	3.69
43)		Tertiary-amyl methy	0.368	0.375	0.385	0.395	0.411		0.387	4.36
44)		Trichloroethene	0.245	0.248	0.270	0.267	0.274		0.261	5.13
45)		1,2-Dichloropropane	0.229	0.226	0.232	0.249	0.257		0.239	5.74
46)		Dibromomethane	0.154	0.156	0.181	0.167	0.166		0.165	6.60
47)		2-Nitropropane	0.029	0.029	0.050	0.029	0.030		0.033	27.35
48)		Bromodichloromethan	0.261	0.261	0.271	0.296	0.304	0.285	0.280	6.45
49)		1,4-Dioxane	0.001	0.000		0.001	0.001		0.001	22.01
50)		Methyl Methacrylate	0.125	0.128	0.118	0.145	0.149		0.133	9.98
51)		2-Chloroethyl vinyl	0.010	0.008		0.017	0.021		0.014	44.03
52)		Methyl Cyclohexane	0.191	0.191	0.193	0.213	0.219		0.201	6.72
53)		4-Methyl-2-Pentanon	0.049	0.049	0.044	0.055	0.056		0.051	9.78
54)		cis-1,3-Dichloropro	0.276	0.277	0.267	0.327	0.342	0.279	0.295	10.74
55)		trans-1,3-Dichlorop	0.199	0.198	0.183	0.250	0.263	0.202	0.216	14.94
56)		1,1,2-Trichloroetha	0.155	0.163	0.168	0.170	0.170		0.165	3.86
57)		Toluene	0.578	0.589	0.603	0.619	0.617		0.601	2.94
58)	I	Chlorobenzene-d5	----------ISTD----------							

(#) = Out of Range ### Number of calibration levels exceeded format ###

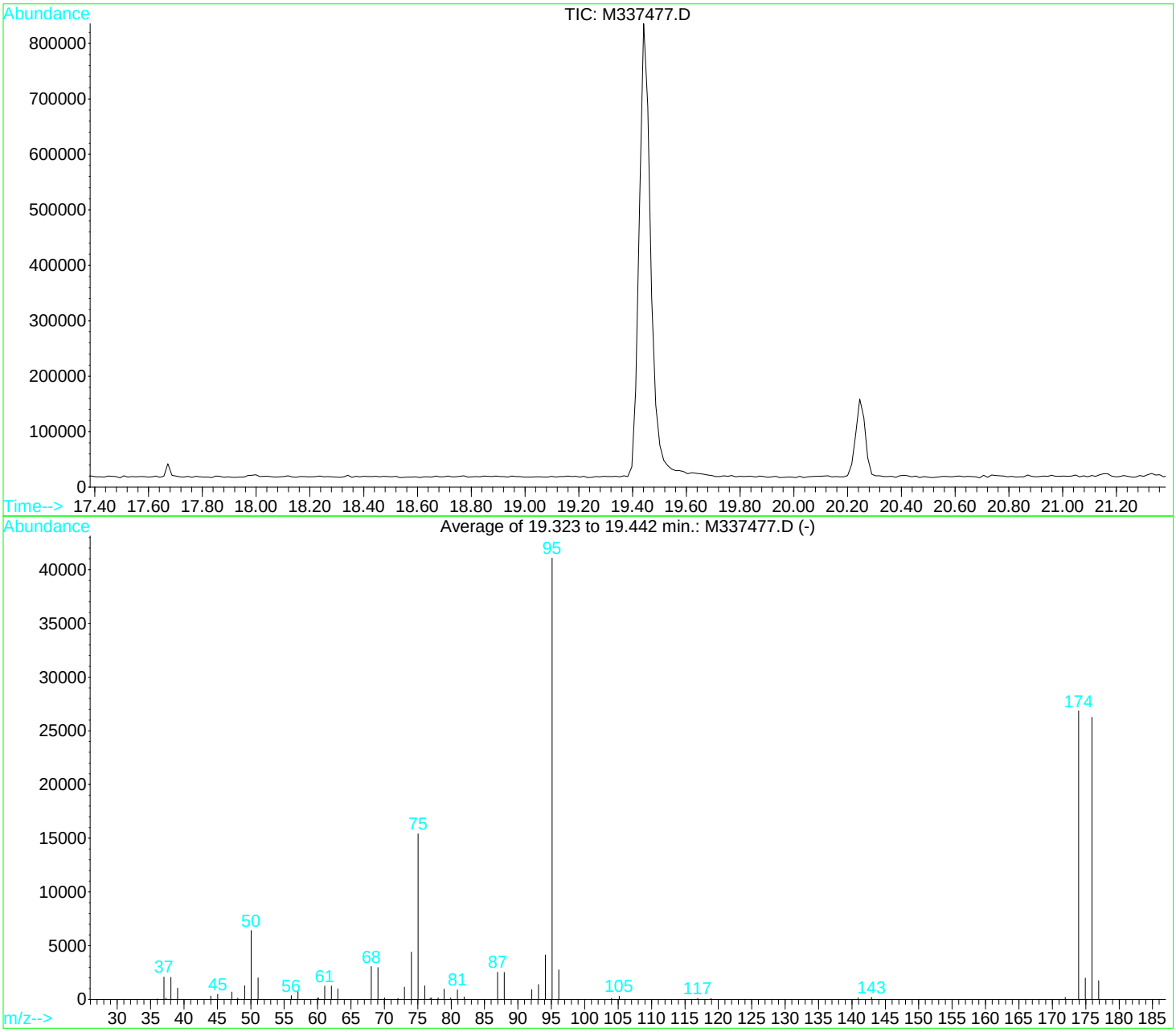
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0910013
Last Update : Mon Nov 09 15:35:48 2009
Response via : Initial Calibration

Calibration Files
10 =M337157.D 5 =M337156.D 1 =M337155.D
50 =M337159.D 100 =M337160.D 0.4 =M337154.D

		Compound	10	5	1	50	100	0.4	Avg	%RSD
59)	S	Toluene-d8 (SURR)	1.232	1.153	1.235	1.368	1.421		1.282	8.54
60)		Ethyl Methacrylate	0.238	0.224	0.209	0.294	0.315		0.256	18.11
61)		2-Hexanone	0.133	0.131	0.113	0.159	0.172		0.142	16.81
62)		1,3-Dichloropropane	0.409	0.389	0.409	0.463	0.486		0.431	9.51
63)		Tetrachloroethene	0.222	0.212	0.246	0.235	0.250		0.233	6.85
64)		Dibromochloromethan	0.304	0.283	0.296	0.349	0.379	0.367	0.330	12.23
65)		1,2-Dibromoethane	0.291	0.282	0.280	0.330	0.349		0.306	10.14
66)		1-Chlorohexane	0.291	0.273	0.306	0.343	0.367		0.316	12.13
67)		Chlorobenzene	0.945	0.918	0.981	1.028	1.081		0.991	6.59
68)		1,1,1,2-Tetrachloro	0.276	0.265	0.274	0.313	0.330		0.292	9.65
69)		Ethylbenzene	1.304	1.230	1.261	1.493	1.558		1.369	10.73
70)		Xylene P,M	0.526	0.493	0.478	0.581	0.613		0.538	10.65
71)		Xylene O	0.524	0.509	0.495	0.585	0.619		0.546	9.75
72)		Styrene	0.873	0.801	0.764	1.038			0.869	13.97
73)		Bromoform	0.182	0.175	0.172	0.204	0.226		0.192	11.84
74)		cis-1,4-Dichloro-2-	0.053	0.044	0.029	0.077	0.093		0.059	43.32
75)	S	Bromofluorobenzene	0.420	0.395	0.431	0.465	0.489		0.440	8.40
76)	I	1,4 Dichlorobenzene-D	----------	----------	ISTD	----------	----------			
77)		Trans-1,4-Dichloro-	0.118	0.116	0.023	0.151	0.163		0.114	47.89
78)		1,2,3-Trichloroprop	0.527	0.547	0.598	0.570	0.561		0.561	4.73
79)		Isopropylbenzene	2.799	2.692	2.551	3.195	3.318		2.911	11.35
80)		Bromobenzene	0.887	0.836	0.833	0.985	1.020		0.912	9.45
81)		1,1,2,2-Tetrachloro	0.872	0.914	0.931	0.922	0.923	1.013	0.929	4.94
82)		n-Propylbenzene	3.102	2.963	2.757	3.561	3.700		3.217	12.44
83)		2-Chlorotoluene	2.215	2.152	2.278	2.398	2.463		2.301	5.57
84)		4-Chlorotoluene	2.274	2.281	2.262	2.503	2.585		2.381	6.37
85)		1,3,5-Trimethylbenz	2.191	2.122	1.982	2.442	2.522		2.252	10.00
86)		Pentachloroethane	0.547	0.555	0.612	0.573	0.613		0.580	5.36
87)		tert-Butylbenzene	1.569	1.479	1.489	1.829	1.903		1.654	12.00
88)		1,2,4-Trimethylbenz	2.327	2.267	2.243	2.621	2.671		2.426	8.40
89)		sec-Butylbenzene	2.542	2.394	2.332	2.869	2.986		2.625	11.03
90)		1,3 Dichlorobenzene	1.345	1.371	1.403	1.485	1.537		1.428	5.63
91)		4-Isopropyltoluene	2.009	1.942	1.864	2.303	2.417		2.107	11.38
92)		1,4 Dichlorobenzene	1.525	1.522	1.676	1.570	1.622		1.583	4.16
93)		n-Butylbenzene	1.765	1.658	1.523	2.085	2.196		1.845	15.48
94)		1,2 Dichlorobenzene	1.314	1.314	1.371	1.430	1.464		1.379	4.93
95)		1,2-Dibromo-3-Chlor	0.081	0.075	0.074	0.088	0.092		0.082	9.75
96)		Hexachloroethane	0.416	0.398	0.424	0.477	0.501		0.443	9.83
97)		1,3,5-Trichlorobenz	0.739	0.699	0.723	0.845	0.883		0.778	10.45
98)		1,2,4-Trichlorobenz	0.658	0.620	0.643	0.755	0.785		0.692	10.55
99)		Hexachlorobutadiene	0.288	0.270	0.306	0.317	0.335	0.288	0.301	7.83
100)		Naphthalene	1.134	1.095	1.081	1.400	1.510		1.244	15.88
101)		1,2,3-Trichlorobenz	0.520	0.487	0.493	0.590	0.615		0.541	10.73

(#) = Out of Range ### Number of calibration levels exceeded format ###

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337477.D Vial: 1
Acq On : 3 Dec 2009 8:21 am Operator: MD
Sample : BSL0027-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010



Spectrum Information: Average of 19.323 to 19.442 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	6427	PASS
75	95	30	60	37.6	15427	PASS
95	95	100	100	100.0	41081	PASS
96	95	5	9	6.7	2755	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.4	26853	PASS
175	174	5	9	7.4	1983	PASS
176	174	95	101	97.8	26252	PASS
177	176	5	9	6.7	1753	PASS

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	86	0.00
2		Dichlorodifluoromethane	25.000	25.032	-0.1	88	0.00
3		Chloromethane	25.000	24.446	2.2	88	0.00
4		Vinyl Chloride	25.000	25.991	-4.0	91	0.00
5		Bromomethane	25.000	22.056	11.8	75	0.00
6		Chloroethane	25.000	25.503	-2.0	91	0.00
7		Trichlorofluoromethane	25.000	31.172	-24.7	109	0.00
8		Diethyl ether	25.000	26.663	-6.7	90	0.00
9		Acrolein	25.000	32.689	-30.8#	128	0.00
10		Acetone	125.000	138.257	-10.6	92	0.00
11		Iodomethane	25.000	27.468	-9.9	88	0.00
12		1,1,2-Trichloro-1,2,2-trifl	25.000	25.697	-2.8	89	0.00
13		Methyl Acetate	25.000	26.610	-6.4	94	0.00
14		Allyl Chloride	25.000	28.060	-12.2	93	0.00
15		Carbon Disulfide	25.000	27.034	-8.1	93	0.00
16		1,1-Dichloroethene	25.000	25.963	-3.9	90	0.00
17		Methylene Chloride	25.000	25.450	-1.8	89	0.00
18		Methyl tert-Butyl Ether	25.000	25.055	-0.2	84	0.00
19		Acrylonitrile	25.000	26.858	-7.4	90	0.00
20		trans-1,2-Dichloroethene	25.000	25.868	-3.5	90	0.00
21		1,1-Dichloroethane	25.000	27.090	-8.4	93	0.00
22		Vinyl Acetate	25.000	23.825	4.7	81	0.00
23		Chloroprene	25.000	26.972	-7.9	90	0.00
24		2-Butanone	125.000	136.907	-9.5	88	0.00
25		Di-isopropyl ether	25.000	26.462	-5.8	89	0.00
26		Methacrylonitrile	25.000	25.165	-0.7	88	0.00
27		cis-1,2 Dichloroethene	25.000	26.343	-5.4	90	0.00
28		Methyl Acrylate	25.000	27.106	-8.4	85	0.00
29		Ethyl tertiary-butyl ether	25.000	25.409	-1.6	84	0.00
30		2,2-Dichloropropane	25.000	28.423	-13.7	95	0.00
31		Bromochloromethane	25.000	25.621	-2.5	86	0.00
32		Tetrahydrofuran	25.000	27.430	-9.7	86	0.00
33		Chloroform	25.000	26.107	-4.4	91	0.00
34	S	Dibromofluoromethane(SURR)	25.000	23.773	4.9	82	0.00
35		1-Chlorobutane	25.000	26.552	-6.2	90	0.00
36		1,1,1-Trichloroethane	25.000	26.689	-6.8	92	0.00
37		1,1-Dichloropropene	25.000	26.440	-5.8	90	0.00
38		Cyclohexane	25.000	26.604	-6.4	90	0.00
39		Carbon Tetrachloride	25.000	26.670	-6.7	92	0.00
40		Benzene	25.000	25.776	-3.1	88	0.00
41	S	1,2-Dichloroethane-d4(SURR)	25.000	23.532	5.9	79	0.00
42		1,2-Dichloroethane	25.000	26.203	-4.8	90	0.00
43		Tertiary-amyl methyl ether	25.000	25.080	-0.3	84	0.00
44		Trichloroethene	25.000	25.481	-1.9	88	0.00
45		1,2-Dichloropropane	25.000	25.635	-2.5	87	0.00
46		Dibromomethane	25.000	25.007	-0.0	86	0.00
47		2-Nitropropane	25.000	24.767	0.9	85	0.00
48		Bromodichloromethane	25.000	26.262	-5.0	89	0.00
49		1,4-Dioxane	500.000	541.428	-8.3	92	0.00
50		Methyl Methacrylate	25.000	27.600	-10.4	86	0.00
51		2-Chloroethyl vinyl ether	125.000	164.931	-31.9#	113	0.00
52		Methyl Cyclohexane	25.000	27.417	-9.7	91	0.00
53		4-Methyl-2-Pentanone	125.000	136.990	-9.6	85	0.00
54		cis-1,3-Dichloropropene	25.000	26.165	-4.7	87	0.00
55		trans-1,3-Dichloropropene	25.000	26.394	-5.6	85	0.00
56		1,1,2-Trichloroethane	25.000	25.006	-0.0	84	0.00
57		Toluene	25.000	26.529	-6.1	91	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	25.000	25.000	0.0	90	0.00
59	S	Toluene-d8 (SURR)	25.000	23.322	6.7	81	0.00
60		Ethyl Methacrylate	25.000	23.758	5.0	85	0.00
61		2-Hexanone	125.000	118.032	5.6	82	0.00
62		1,3-Dichloropropane	25.000	25.090	-0.4	86	0.00
63		Tetrachloroethene	25.000	26.113	-4.5	93	0.00
64		Dibromochloromethane	25.000	23.791	4.8	82	0.00
65		1,2-Dibromoethane	25.000	24.694	1.2	84	0.00
66		1-Chlorohexane	25.000	25.017	-0.1	87	0.00
67		Chlorobenzene	25.000	25.362	-1.4	89	0.00
68		1,1,1,2-Tetrachloroethane	25.000	25.310	-1.2	88	0.00
69		Ethylbenzene	25.000	26.010	-4.0	89	0.00
70		Xylene P,M	50.000	51.532	-3.1	88	0.00
71		Xylene O	25.000	25.613	-2.5	89	0.00
72		Styrene	25.000	26.464	-5.9	85	0.00
73		Bromoform	25.000	24.873	0.5	85	0.00
74		cis-1,4-Dichloro-2-butene	25.000	20.095	19.6	76	0.00
75	S	Bromofluorobenzene (SURR)	25.000	23.235	7.1	81	0.00
76	I	1,4 Dichlorobenzene-D4	25.000	25.000	0.0	86	0.00
77		Trans-1,4-Dichloro-2-Butene	25.000	22.658	9.4	83	0.00
78		1,2,3-Trichloropropane	25.000	26.030	-4.1	87	0.00
79		Isopropylbenzene	25.000	26.240	-5.0	87	0.00
80		Bromobenzene	25.000	26.364	-5.5	87	0.00
81		1,1,2,2-Tetrachloroethane	25.000	25.182	-0.7	86	0.00
82		n-Propylbenzene	25.000	26.416	-5.7	87	0.00
83		2-Chlorotoluene	25.000	25.752	-3.0	88	0.00
84		4-Chlorotoluene	25.000	25.988	-4.0	88	0.00
85		1,3,5-Trimethylbenzene	25.000	26.686	-6.7	89	0.00
86		Pentachloroethane	25.000	24.331	2.7	82	0.00
87		tert-Butylbenzene	25.000	25.965	-3.9	86	0.00
88		1,2,4-Trimethylbenzene	25.000	26.093	-4.4	87	0.00
89		sec-Butylbenzene	25.000	25.471	-1.9	85	0.00
90		1,3 Dichlorobenzene	25.000	25.355	-1.4	86	0.00
91		4-Isopropyltoluene	25.000	25.712	-2.8	87	0.00
92		1,4 Dichlorobenzene	25.000	24.834	0.7	87	0.00
93		n-Butylbenzene	25.000	25.474	-1.9	83	0.00
94		1,2 Dichlorobenzene	25.000	25.011	-0.0	85	0.00
95		1,2-Dibromo-3-Chloropropane	25.000	25.944	-3.8	80	0.00
96		Hexachloroethane	25.000	25.020	-0.1	85	0.00
97		1,3,5-Trichlorobenzene	25.000	25.111	-0.4	84	0.00
98		1,2,4-Trichlorobenzene	25.000	24.364	2.5	80	0.00
99		Hexachlorobutadiene	25.000	25.132	-0.5	87	0.00
100		Naphthalene	25.000	23.584	5.7	76	0.00
101		1,2,3-Trichlorobenzene	25.000	24.049	3.8	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M337478.D AQ110909.M Fri Dec 04 09:02:57 2009 Page 2

Data File Name M337478.D
Operator MD
Date Acquired 3 Dec 2009 8:53 am
Sample Name BSL0027-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	25.99	ug/l	659273	3.96
12)	1,1-Dichloroethene	25.96	ug/l	722376	3.85
27)	Chloroform	26.11	ug/l	1246962	4.43
36)	1,2-Dichloropropane	25.64	ug/l	729959	2.54
45)	Toluene	26.53	ug/l	1898787	6.12
56)	Ethylbenzene	26.01	ug/l	2957384	4.04

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	24.45	ug/l	755569	0.25	0.1
17)	1,1-Dichloroethane	27.09	ug/l	1271914	0.43	0.1
54)	Chlorobenzene	25.36	ug/l	2073136	1.01	0.3
60)	Bromoform	24.87	ug/l	395886	0.19	0.1
67)	1,1,2,2-Tetrachloroethane	25.18	ug/l	698016	0.94	0.3

Internal Standards

#	Name	Amount	Units	Target Response
1)	Fluorobenzene	25.00	ug/l	2976106
43)	Chlorobenzene-d5	25.00	ug/l	2056242
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	744664

Analyst: _____

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.95	96	2976106	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.24	117	2056242	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.59	152	744664	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	10.00	111	874008	23.77	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.08%			
41) 1,2-Dichloroethane-d4(SURR	10.72	65	474233	23.53	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.12%			
59) Toluene-d8 (SURR)	14.88	98	2472331	23.32	ug/l	0.00
Spiked Amount 25.000			Recovery = 93.28%			
75) Bromofluorobenzene (SURR)	19.43	95	845425	23.24	ug/l	0.00
Spiked Amount 25.000			Recovery = 92.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.69	85	637750	25.03	ug/l	100
3) Chloromethane	3.98	50	755569	24.45	ug/l	99
4) Vinyl Chloride	4.27	62	659273	25.99	ug/l	99
5) Bromomethane	4.91	94	389986	22.06	ug/l	99
6) Chloroethane	5.15	64	362797	25.50	ug/l	97
7) Trichlorofluoromethane	6.06	101	1064395	31.17	ug/l	98
8) Diethyl ether	6.49	59	444223	26.66	ug/l	93
9) Acrolein	6.07	56	73773	32.69	ug/l	97
10) Acetone	6.30	58	169383	138.26	ug/l	98
11) Iodomethane	6.97	142	1044265	27.47	ug/l	99
12) 1,1,2-Trichloro-1,2,2-trif	7.25	101	680075	25.70	ug/l	97
13) Methyl Acetate	7.29	43	382245	26.61	ug/l	100
14) Allyl Chloride	7.31	41	1294310	28.06	ug/l	95
15) Carbon Disulfide	7.47	76	2612579	27.03	ug/l	99
16) 1,1-Dichloroethene	6.92	96	722376	25.96	ug/l	96
17) Methylene Chloride	7.16	84	884998	25.45	ug/l	95
18) Methyl tert-Butyl Ether	8.41	73	1023650	25.05	ug/l	97
19) Acrylonitrile	7.06	53	166910	26.86	ug/l	99
20) trans-1,2-Dichloroethene	8.22	96	799235	25.87	ug/l	94
21) 1,1-Dichloroethane	8.60	63	1271914	27.09	ug/l	99
22) Vinyl Acetate	8.86	43	1068844	23.82	ug/l	98
23) Chloroprene	9.18	53	853630	26.97	ug/l	95
24) 2-Butanone	9.32	72	193187	136.91	ug/l #	64
25) Di-isopropyl ether	9.33	45	2586848	26.46	ug/l	92
26) Methacrylonitrile	9.47	41	315778	25.16	ug/l	98
27) cis-1,2 Dichloroethene	9.50	96	948883	26.34	ug/l	98
28) Methyl Acrylate	9.96	55	429761	27.11	ug/l	100
29) Ethyl tertiary-butyl ether	9.96	59	1507137	25.41	ug/l	97
30) 2,2-Dichloropropane	9.94	77	718318	28.42	ug/l	91
31) Bromochloromethane	9.75	128	421695	25.62	ug/l	93
32) Tetrahydrofuran	10.36	42	127029	27.43	ug/l	90
33) Chloroform	9.82	83	1246962	26.11	ug/l	99
35) 1-Chlorobutane	10.97	56	1132139	26.55	ug/l	98
36) 1,1,1-Trichloroethane	10.98	97	903970	26.69	ug/l	99
37) 1,1-Dichloropropene	11.28	75	855169	26.44	ug/l	99
38) Cyclohexane	11.40	56	815264	26.60	ug/l	94
39) Carbon Tetrachloride	11.55	117	771925	26.67	ug/l	99
40) Benzene	11.61	78	2855714	25.78	ug/l	100
42) 1,2-Dichloroethane	10.83	62	613654	26.20	ug/l	98
43) Tertiary-amyl methyl ether	11.89	73	1159951	25.08	ug/l	95
44) Trichloroethene	12.62	95	790299	25.48	ug/l	95
45) 1,2-Dichloropropane	12.56	63	729959	25.64	ug/l	98
46) Dibromomethane	12.50	93	490408	25.01	ug/l	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

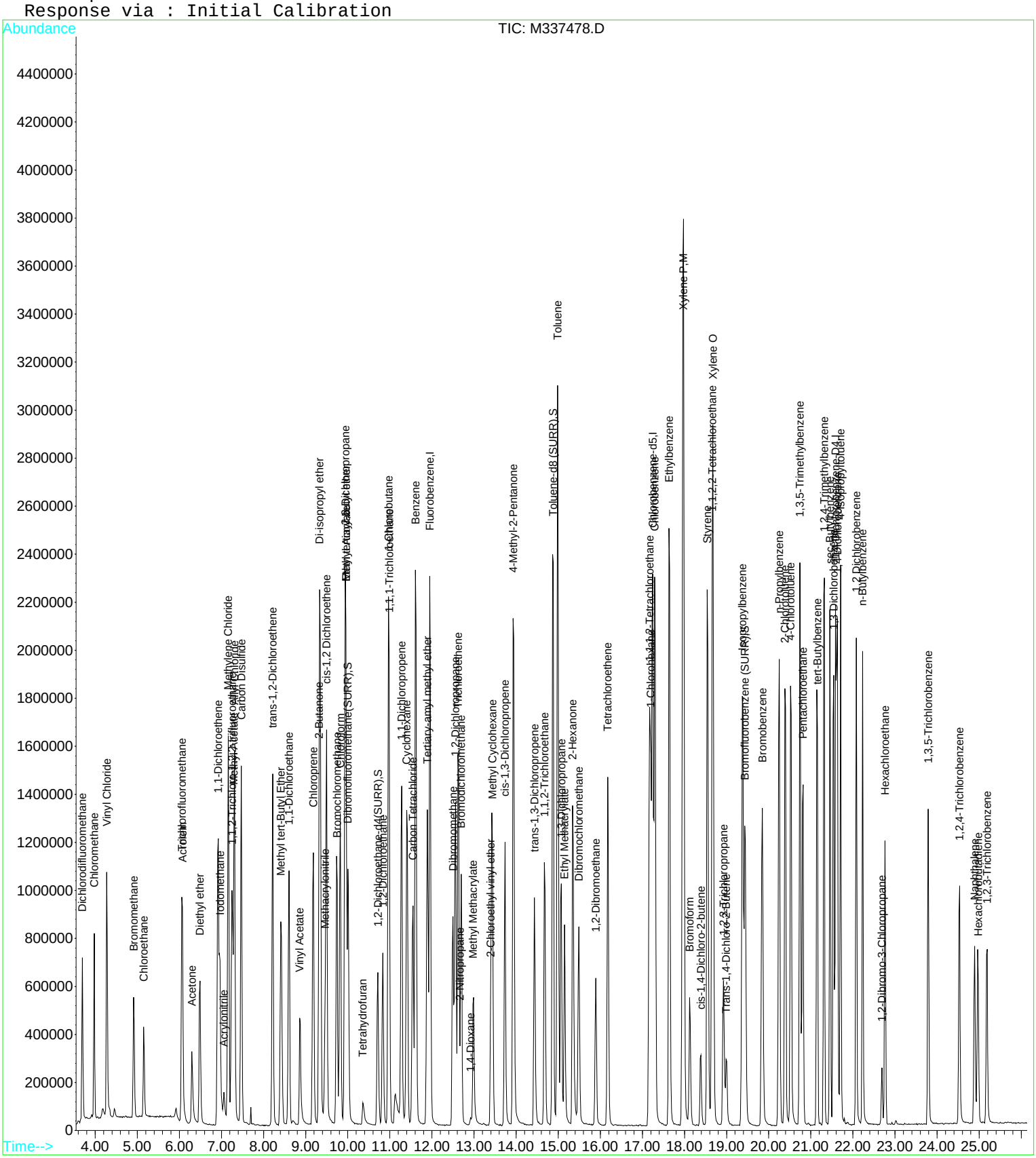
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.66	43	87740	24.77	ug/l		95
48)	Bromodichloromethane	12.69	83	875912	26.26	ug/l		99
49)	1,4-Dioxane	12.92	88	48045	541.43	ug/l		87
50)	Methyl Methacrylate	12.98	41	446015	27.60	ug/l		96
51)	2-Chloroethyl vinyl ether	13.39	63	275524	164.93	ug/l		98
52)	Methyl Cyclohexane	13.44	83	662036	27.42	ug/l		98
53)	4-Methyl-2-Pentanone	13.93	58	843836	136.99	ug/l		97
54)	cis-1,3-Dichloropropene	13.73	75	923799	26.16	ug/l		95
55)	trans-1,3-Dichloropropene	14.43	75	685818	26.39	ug/l		97
56)	1,1,2-Trichloroethane	14.67	83	493488	25.01	ug/l		95
57)	Toluene	14.98	92	1898787	26.53	ug/l		97
60)	Ethyl Methacrylate	15.15	69	573683	23.76	ug/l		95
61)	2-Hexanone	15.34	43	1569638	118.03	ug/l		98
62)	1,3-Dichloropropane	15.07	76	897979	25.09	ug/l		99
63)	Tetrachloroethene	16.17	164	500490	26.11	ug/l		97
64)	Dibromochloromethane	15.49	129	649668	23.79	ug/l		100
65)	1,2-Dibromoethane	15.89	107	628338	24.69	ug/l		100
66)	1-Chlorohexane	17.20	91	653703	25.02	ug/l		96
67)	Chlorobenzene	17.29	112	2073136	25.36	ug/l		96
68)	1,1,1,2-Tetrachloroethane	17.17	131	610221	25.31	ug/l		99
69)	Ethylbenzene	17.63	91	2957384	26.01	ug/l		98
70)	Xylene P,M	17.97	106	2303709	51.53	ug/l		98
71)	Xylene O	18.67	106	1158876	25.61	ug/l		95
72)	Styrene	18.54	104	1947908	26.46	ug/l		94
73)	Bromoform	18.12	173	395886	24.87	ug/l		99
74)	cis-1,4-Dichloro-2-butene	18.39	75	124654	20.10	ug/l		87
77)	Trans-1,4-Dichloro-2-Buten	18.99	53	99023	22.66	ug/l		89
78)	1,2,3-Trichloropropane	18.93	75	436818	26.03	ug/l		95
79)	Isopropylbenzene	19.37	105	2288976	26.24	ug/l		99
80)	Bromobenzene	19.85	156	722618	26.36	ug/l		96
81)	1,1,2,2-Tetrachloroethane	18.66	83	698016	25.18	ug/l		99
82)	n-Propylbenzene	20.25	91	2551763	26.42	ug/l		97
83)	2-Chlorotoluene	20.38	91	1767052	25.75	ug/l		97
84)	4-Chlorotoluene	20.52	91	1849069	25.99	ug/l		98
85)	1,3,5-Trimethylbenzene	20.74	105	1802768	26.69	ug/l		97
86)	Pentachloroethane	20.81	119	421501	24.33	ug/l		93
87)	tert-Butylbenzene	21.16	119	1288694	25.97	ug/l		95
88)	1,2,4-Trimethylbenzene	21.32	105	1895373	26.09	ug/l		97
89)	sec-Butylbenzene	21.45	105	2003461	25.47	ug/l		99
90)	1,3 Dichlorobenzene	21.54	146	1080535	25.36	ug/l		95
91)	4-Isopropyltoluene	21.71	119	1618491	25.71	ug/l		99
92)	1,4 Dichlorobenzene	21.63	146	1165854	24.83	ug/l		99
93)	n-Butylbenzene	22.23	91	1414864	25.47	ug/l		99
94)	1,2 Dichlorobenzene	22.08	146	1029771	25.01	ug/l		98
95)	1,2-Dibromo-3-Chloropropan	22.69	75	64833	25.94	ug/l	#	58
96)	Hexachloroethane	22.76	117	330775	25.02	ug/l		95
97)	1,3,5-Trichlorobenzene	23.79	180	585132	25.11	ug/l		98
98)	1,2,4-Trichlorobenzene	24.53	180	506900	24.36	ug/l		98
99)	Hexachlorobutadiene	24.98	225	224694	25.13	ug/l		99
100)	Naphthalene	24.89	128	886240	23.58	ug/l		100
101)	1,2,3-Trichlorobenzene	25.19	180	392003	24.05	ug/l		98

(#) = qualifier out of range (m) = manual integration

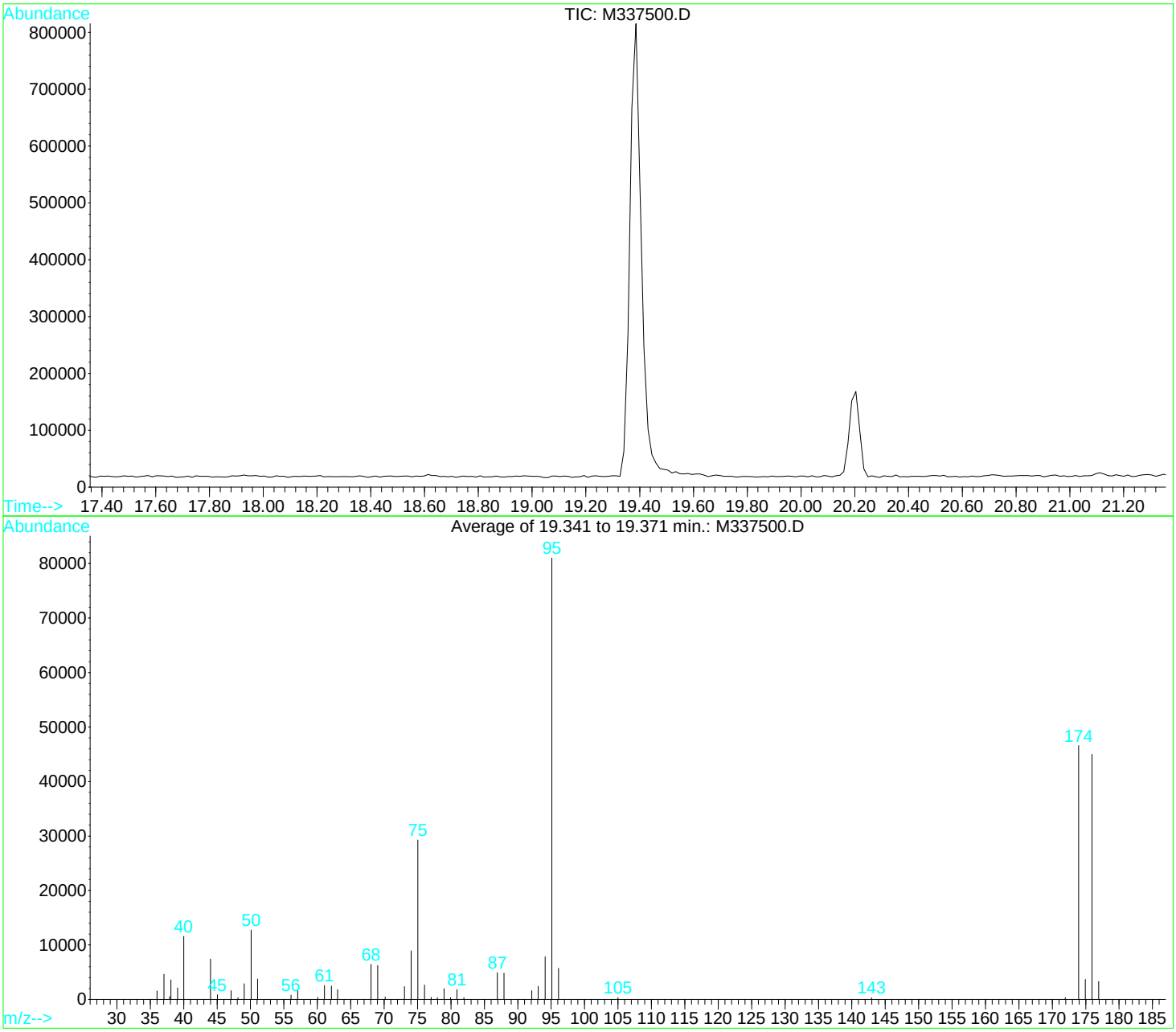
Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120309\M337478.D Vial: 2
Acq On : 3 Dec 2009 8:53 am Operator: MD
Sample : BSL0027-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 12:24 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Thu Dec 03 12:21:11 2009
Response via : Initial Calibration



Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337500.D Vial: 1
Acq On : 4 Dec 2009 8:13 am Operator: MD
Sample : BSL0039-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010



Spectrum Information: Average of 19.341 to 19.371 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.7	12733	PASS
75	95	30	60	36.1	29252	PASS
95	95	100	100	100.0	81015	PASS
96	95	5	9	7.1	5712	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	57.5	46591	PASS
175	174	5	9	7.9	3672	PASS
176	174	95	101	96.6	44985	PASS
177	176	5	9	7.3	3293	PASS

Data File Name M337501.D
Operator MD
Date Acquired 4 Dec 2009 8:45 am
Sample Name BSL0039-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	24.68	ug/l	647555	-1.28
12)	1,1-Dichloroethene	25.33	ug/l	728984	1.32
27)	Chloroform	24.99	ug/l	1234561	-0.05
36)	1,2-Dichloropropane	25.17	ug/l	741272	0.67
45)	Toluene	25.10	ug/l	1858490	0.41
56)	Ethylbenzene	26.62	ug/l	2949275	6.46

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	23.93	ug/l	765146	0.25	0.1
17)	1,1-Dichloroethane	25.86	ug/l	1255728	0.41	0.1
54)	Chlorobenzene	25.68	ug/l	2045650	1.02	0.3
60)	Bromoform	24.35	ug/l	377749	0.19	0.1
67)	1,1,2,2-Tetrachloroethane	24.66	ug/l	673347	0.92	0.3

Internal Standards

#	Name	Amount	Units	Target Response
1)	Fluorobenzene	25.00	ug/l	3078478
43)	Chlorobenzene-d5	25.00	ug/l	2003916
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	733564

Analyst: _____

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	89	0.00
2		Dichlorodifluoromethane	25.000	24.007	4.0	87	0.00
3		Chloromethane	25.000	23.933	4.3	89	0.00
4		Vinyl Chloride	25.000	24.680	1.3	89	0.00
5		Bromomethane	25.000	22.820	8.7	81	0.00
6		Chloroethane	25.000	24.047	3.8	88	0.00
7		Trichlorofluoromethane	25.000	30.461	-21.8	110	0.00
8		Diethyl ether	25.000	25.137	-0.5	87	0.00
9		Acrolein	25.000	29.762	-19.0	120	0.00
10		Acetone	125.000	128.243	-2.6	88	0.00
11		Iodomethane	25.000	27.404	-9.6	91	0.00
12		1,1,2-Trichloro-1,2,2-trifl	25.000	24.801	0.8	89	0.00
13		Methyl Acetate	25.000	26.064	-4.3	96	0.00
14		Allyl Chloride	25.000	26.971	-7.9	93	0.00
15		Carbon Disulfide	25.000	25.666	-2.7	92	0.00
16		1,1-Dichloroethene	25.000	25.329	-1.3	91	0.00
17		Methylene Chloride	25.000	24.481	2.1	88	0.00
18		Methyl tert-Butyl Ether	25.000	24.372	2.5	84	0.00
19		Acrylonitrile	25.000	23.983	4.1	83	0.00
20		trans-1,2-Dichloroethene	25.000	25.044	-0.2	91	0.00
21		1,1-Dichloroethane	25.000	25.856	-3.4	92	0.00
22		Vinyl Acetate	25.000	22.337	10.7	78	0.00
23		Chloroprene	25.000	25.920	-3.7	90	0.00
24		2-Butanone	125.000	126.933	-1.5	85	0.00
25		Di-isopropyl ether	25.000	25.677	-2.7	90	0.00
26		Methacrylonitrile	25.000	22.497	10.0	82	0.00
27		cis-1,2 Dichloroethene	25.000	24.984	0.1	88	0.00
28		Methyl Acrylate	25.000	26.296	-5.2	85	0.00
29		Ethyl tertiary-butyl ether	25.000	25.516	-2.1	87	0.00
30		2,2-Dichloropropane	25.000	28.475	-13.9	99	0.00
31		Bromochloromethane	25.000	24.321	2.7	85	0.00
32		Tetrahydrofuran	25.000	24.886	0.5	81	0.00
33		Chloroform	25.000	24.988	0.0	90	0.00
34	S	Dibromofluoromethane(SURR)	25.000	22.436	10.3	80	0.00
35		1-Chlorobutane	25.000	25.617	-2.5	90	0.00
36		1,1,1-Trichloroethane	25.000	25.784	-3.1	92	0.00
37		1,1-Dichloropropene	25.000	25.730	-2.9	90	0.00
38		Cyclohexane	25.000	25.620	-2.5	89	0.00
39		Carbon Tetrachloride	25.000	25.515	-2.1	91	0.00
40		Benzene	25.000	25.667	-2.7	91	0.00
41	S	1,2-Dichloroethane-d4(SURR)	25.000	22.689	9.2	79	0.00
42		1,2-Dichloroethane	25.000	24.568	1.7	87	0.00
43		Tertiary-amyl methyl ether	25.000	24.310	2.8	85	0.00
44		Trichloroethene	25.000	24.615	1.5	88	0.00
45		1,2-Dichloropropane	25.000	25.167	-0.7	88	0.00
46		Dibromomethane	25.000	23.671	5.3	84	0.00
47		2-Nitropropane	25.000	23.753	5.0	84	0.00
48		Bromodichloromethane	25.000	25.025	-0.1	88	0.00
49		1,4-Dioxane	500.000	523.404	-4.7	92	0.00
50		Methyl Methacrylate	25.000	25.128	-0.5	81	0.00
51		2-Chloroethyl vinyl ether	125.000	188.269	-50.6#	134	0.00
52		Methyl Cyclohexane	25.000	26.880	-7.5	92	0.00
53		4-Methyl-2-Pentanone	125.000	124.574	0.3	80	0.00
54		cis-1,3-Dichloropropene	25.000	25.841	-3.4	89	0.00
55		trans-1,3-Dichloropropene	25.000	26.556	-6.2	89	0.00
56		1,1,2-Trichloroethane	25.000	24.670	1.3	86	0.00
57		Toluene	25.000	25.103	-0.4	89	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	25.000	25.000	0.0	87	0.00
59	S	Toluene-d8 (SURR)	25.000	23.937	4.3	81	0.00
60		Ethyl Methacrylate	25.000	23.690	5.2	83	0.00
61		2-Hexanone	125.000	115.927	7.3	78	0.00
62		1,3-Dichloropropane	25.000	25.724	-2.9	86	0.00
63		Tetrachloroethene	25.000	25.419	-1.7	88	0.00
64		Dibromochloromethane	25.000	25.079	-0.3	84	0.00
65		1,2-Dibromoethane	25.000	25.367	-1.5	84	0.00
66		1-Chlorohexane	25.000	26.268	-5.1	90	0.00
67		Chlorobenzene	25.000	25.679	-2.7	88	0.00
68		1,1,1,2-Tetrachloroethane	25.000	25.484	-1.9	87	0.00
69		Ethylbenzene	25.000	26.616	-6.5	89	0.00
70		Xylene P,M	50.000	52.980	-6.0	88	0.00
71		Xylene O	25.000	26.370	-5.5	89	0.00
72		Styrene	25.000	27.535	-10.1	86	0.00
73		Bromoform	25.000	24.353	2.6	81	0.00
74		cis-1,4-Dichloro-2-butene	25.000	20.132	19.5	74	0.00
75	S	Bromofluorobenzene (SURR)	25.000	23.688	5.2	81	0.00
76	I	1,4 Dichlorobenzene-D4	25.000	25.000	0.0	85	0.00
77		Trans-1,4-Dichloro-2-Butene	25.000	22.617	9.5	82	0.00
78		1,2,3-Trichloropropane	25.000	23.947	4.2	79	0.00
79		Isopropylbenzene	25.000	26.977	-7.9	89	0.00
80		Bromobenzene	25.000	26.531	-6.1	86	0.00
81		1,1,2,2-Tetrachloroethane	25.000	24.660	1.4	83	0.00
82		n-Propylbenzene	25.000	27.040	-8.2	88	0.00
83		2-Chlorotoluene	25.000	26.052	-4.2	88	0.00
84		4-Chlorotoluene	25.000	26.122	-4.5	87	0.00
85		1,3,5-Trimethylbenzene	25.000	26.920	-7.7	88	0.00
86		Pentachloroethane	25.000	25.209	-0.8	84	0.00
87		tert-Butylbenzene	25.000	26.393	-5.6	86	0.00
88		1,2,4-Trimethylbenzene	25.000	26.430	-5.7	87	0.00
89		sec-Butylbenzene	25.000	26.561	-6.2	87	0.00
90		1,3 Dichlorobenzene	25.000	25.648	-2.6	86	0.00
91		4-Isopropyltoluene	25.000	26.684	-6.7	89	0.00
92		1,4 Dichlorobenzene	25.000	24.344	2.6	84	0.00
93		n-Butylbenzene	25.000	27.429	-9.7	88	0.00
94		1,2 Dichlorobenzene	25.000	25.154	-0.6	84	0.00
95		1,2-Dibromo-3-Chloropropane	25.000	25.187	-0.7	77	0.00
96		Hexachloroethane	25.000	26.240	-5.0	88	0.00
97		1,3,5-Trichlorobenzene	25.000	25.370	-1.5	84	0.00
98		1,2,4-Trichlorobenzene	25.000	24.049	3.8	78	0.00
99		Hexachlorobutadiene	25.000	25.284	-1.1	87	0.00
100		Naphthalene	25.000	22.223	11.1	70	0.00
101		1,2,3-Trichlorobenzene	25.000	22.543	9.8	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	3078478	25.00	ug/l	0.00
58) Chlorobenzene-d5	17.18	117	2003916	25.00	ug/l	0.00
76) 1,4 Dichlorobenzene-D4	21.55	152	733564	25.00	ug/l	0.00
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.95	111	853255	22.44	ug/l	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.76%			
41) 1,2-Dichloroethane-d4(SURR	10.65	65	472964	22.69	ug/l	0.00
Spiked Amount 25.000			Recovery = 90.76%			
59) Toluene-d8 (SURR)	14.81	98	2472940	23.94	ug/l	0.00
Spiked Amount 25.000			Recovery = 95.76%			
75) Bromofluorobenzene (SURR)	19.38	95	839972	23.69	ug/l	0.00
Spiked Amount 25.000			Recovery = 94.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.66	85	632680	24.01	ug/l	100
3) Chloromethane	3.94	50	765146	23.93	ug/l	99
4) Vinyl Chloride	4.24	62	647555	24.68	ug/l	99
5) Bromomethane	4.88	94	417364	22.82	ug/l	97
6) Chloroethane	5.12	64	353853	24.05	ug/l	99
7) Trichlorofluoromethane	6.01	101	1075895	30.46	ug/l	99
8) Diethyl ether	6.44	59	433202	25.14	ug/l	93
9) Acrolein	6.02	56	69080	29.76	ug/l	95
10) Acetone	6.25	58	162519	128.24	ug/l	100
11) Iodomethane	6.90	142	1077674	27.40	ug/l	98
12) 1,1,2-Trichloro-1,2,2-trif	7.20	101	678942	24.80	ug/l	97
13) Methyl Acetate	7.24	43	387284	26.06	ug/l	97
14) Allyl Chloride	7.26	41	1286869	26.97	ug/l	91
15) Carbon Disulfide	7.41	76	2565733	25.67	ug/l	100
16) 1,1-Dichloroethene	6.86	96	728984	25.33	ug/l	95
17) Methylene Chloride	7.11	84	880607	24.48	ug/l	97
18) Methyl tert-Butyl Ether	8.36	73	1030021	24.37	ug/l	99
19) Acrylonitrile	7.01	53	153931	23.98	ug/l	94
20) trans-1,2-Dichloroethene	8.17	96	800384	25.04	ug/l	90
21) 1,1-Dichloroethane	8.54	63	1255728	25.86	ug/l	98
22) Vinyl Acetate	8.81	43	1036570	22.34	ug/l	100
23) Chloroprene	9.12	53	848565	25.92	ug/l	97
24) 2-Butanone	9.27	72	185274	126.93	ug/l #	15
25) Di-isopropyl ether	9.28	45	2596394	25.68	ug/l	98
26) Methacrylonitrile	9.40	41	292008	22.50	ug/l	96
27) cis-1,2 Dichloroethene	9.44	96	930858	24.98	ug/l	93
28) Methyl Acrylate	9.89	55	431263	26.30	ug/l	98
29) Ethyl tertiary-butyl ether	9.89	59	1565536	25.52	ug/l	99
30) 2,2-Dichloropropane	9.88	77	744383	28.47	ug/l	97
31) Bromochloromethane	9.68	128	414060	24.32	ug/l	95
32) Tetrahydrofuran	10.31	42	119212	24.89	ug/l	100
33) Chloroform	9.76	83	1234561	24.99	ug/l	98
35) 1-Chlorobutane	10.92	56	1129860	25.62	ug/l	97
36) 1,1,1-Trichloroethane	10.92	97	903370	25.78	ug/l	99
37) 1,1-Dichloropropene	11.21	75	860822	25.73	ug/l	97
38) Cyclohexane	11.35	56	812140	25.62	ug/l	98
39) Carbon Tetrachloride	11.48	117	763892	25.52	ug/l	99
40) Benzene	11.56	78	2941422	25.67	ug/l	100
42) 1,2-Dichloroethane	10.77	62	595159	24.57	ug/l	99
43) Tertiary-amyl methyl ether	11.84	73	1163014	24.31	ug/l	98
44) Trichloroethene	12.57	95	789701	24.61	ug/l	99
45) 1,2-Dichloropropane	12.49	63	741272	25.17	ug/l	98
46) Dibromomethane	12.43	93	480176	23.67	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

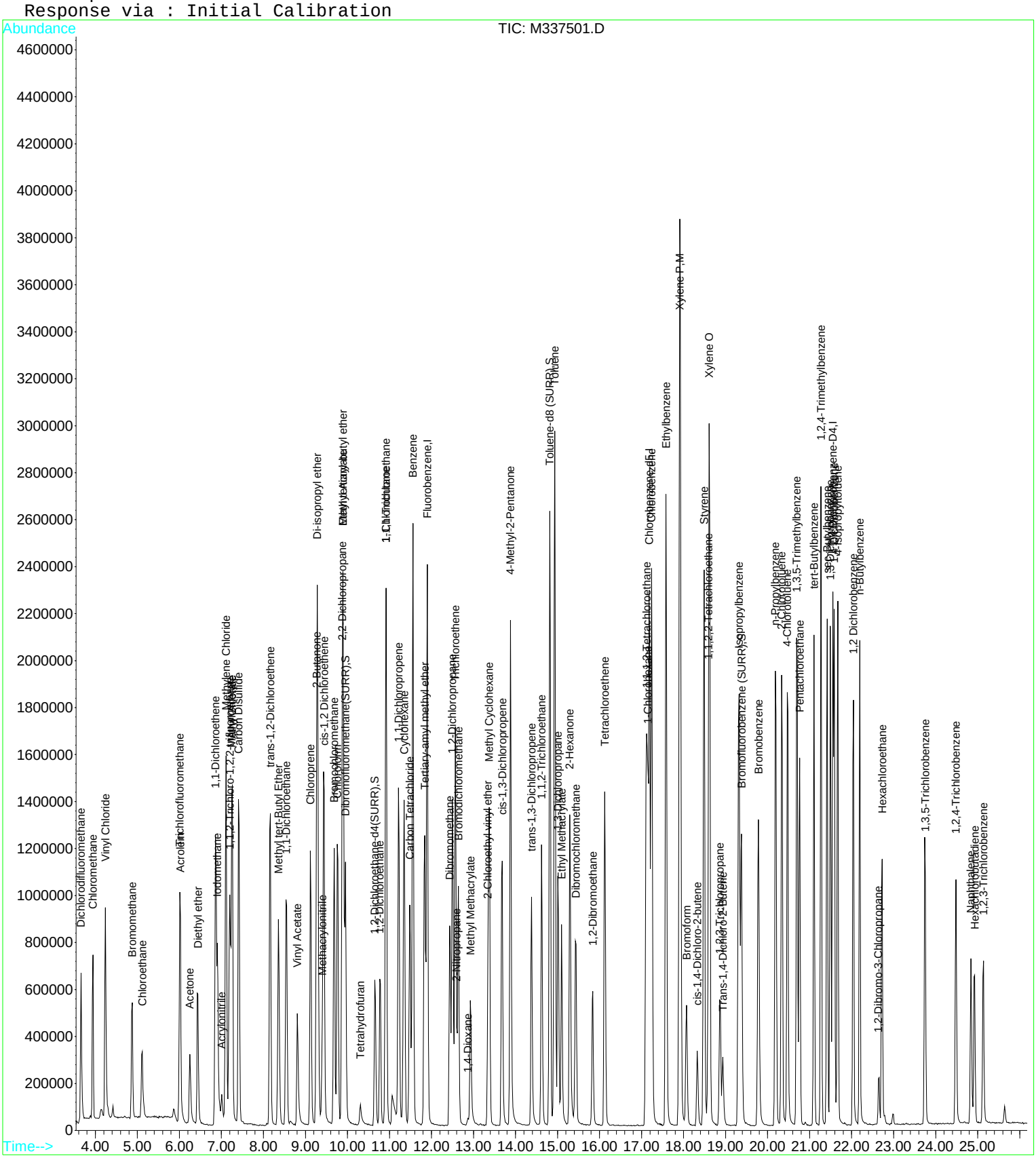
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	2-Nitropropane	12.60	43	87013	23.75	ug/l	98
48)	Bromodichloromethane	12.64	83	863336	25.02	ug/l	98
49)	1,4-Dioxane	12.87	88	47926	523.40	ug/l	97
50)	Methyl Methacrylate	12.93	41	420028	25.13	ug/l	99
51)	2-Chloroethyl vinyl ether	13.34	63	325331	188.27	ug/l	98
52)	Methyl Cyclohexane	13.37	83	671416	26.88	ug/l	97
53)	4-Methyl-2-Pentanone	13.88	58	793754	124.57	ug/l	98
54)	cis-1,3-Dichloropropene	13.68	75	943734	25.84	ug/l	93
55)	trans-1,3-Dichloropropene	14.38	75	713757	26.56	ug/l	99
56)	1,1,2-Trichloroethane	14.62	83	503608	24.67	ug/l	94
57)	Toluene	14.93	92	1858490	25.10	ug/l	99
60)	Ethyl Methacrylate	15.10	69	557353	23.69	ug/l	99
61)	2-Hexanone	15.29	43	1500506	115.93	ug/l	99
62)	1,3-Dichloropropane	15.01	76	897233	25.72	ug/l	99
63)	Tetrachloroethene	16.12	164	474779	25.42	ug/l	98
64)	Dibromochloromethane	15.44	129	667406	25.08	ug/l	99
65)	1,2-Dibromoethane	15.84	107	629052	25.37	ug/l	99
66)	1-Chlorohexane	17.15	91	668936	26.27	ug/l	98
67)	Chlorobenzene	17.24	112	2045650	25.68	ug/l	97
68)	1,1,1,2-Tetrachloroethane	17.12	131	598785	25.48	ug/l	98
69)	Ethylbenzene	17.58	91	2949275	26.62	ug/l	98
70)	Xylene P,M	17.91	106	2308192	52.98	ug/l	97
71)	Xylene O	18.61	106	1162789	26.37	ug/l	100
72)	Styrene	18.49	104	1975161	27.54	ug/l	97
73)	Bromoform	18.07	173	377749	24.35	ug/l	97
74)	cis-1,4-Dichloro-2-butene	18.32	75	121760	20.13	ug/l	94
77)	Trans-1,4-Dichloro-2-Buten	18.93	53	97345	22.62	ug/l	88
78)	1,2,3-Trichloropropane	18.86	75	395873	23.95	ug/l	98
79)	Isopropylbenzene	19.32	105	2318215	26.98	ug/l	98
80)	Bromobenzene	19.78	156	716353	26.53	ug/l	93
81)	1,1,2,2-Tetrachloroethane	18.59	83	673347	24.66	ug/l	98
82)	n-Propylbenzene	20.18	91	2573084	27.04	ug/l	100
83)	2-Chlorotoluene	20.33	91	1760961	26.05	ug/l	99
84)	4-Chlorotoluene	20.47	91	1830891	26.12	ug/l	100
85)	1,3,5-Trimethylbenzene	20.69	105	1791460	26.92	ug/l	97
86)	Pentachloroethane	20.76	119	430204	25.21	ug/l	100
87)	tert-Butylbenzene	21.11	119	1290395	26.39	ug/l	99
88)	1,2,4-Trimethylbenzene	21.27	105	1891238	26.43	ug/l	100
89)	sec-Butylbenzene	21.42	105	2058023	26.56	ug/l	98
90)	1,3 Dichlorobenzene	21.49	146	1076701	25.65	ug/l	99
91)	4-Isopropyltoluene	21.67	119	1654601	26.68	ug/l	99
92)	1,4 Dichlorobenzene	21.58	146	1125788	24.34	ug/l	93
93)	n-Butylbenzene	22.19	91	1500744	27.43	ug/l	98
94)	1,2 Dichlorobenzene	22.04	146	1020215	25.15	ug/l	99
95)	1,2-Dibromo-3-Chloropropan	22.64	75	62003	25.19	ug/l	92
96)	Hexachloroethane	22.73	117	341732	26.24	ug/l	95
97)	1,3,5-Trichlorobenzene	23.75	180	582333	25.37	ug/l	99
98)	1,2,4-Trichlorobenzene	24.48	180	492889	24.05	ug/l	99
99)	Hexachlorobutadiene	24.93	225	222684	25.28	ug/l	98
100)	Naphthalene	24.84	128	822633	22.22	ug/l	100
101)	1,2,3-Trichlorobenzene	25.14	180	361982	22.54	ug/l	100

(#) = qualifier out of range (m) = manual integration

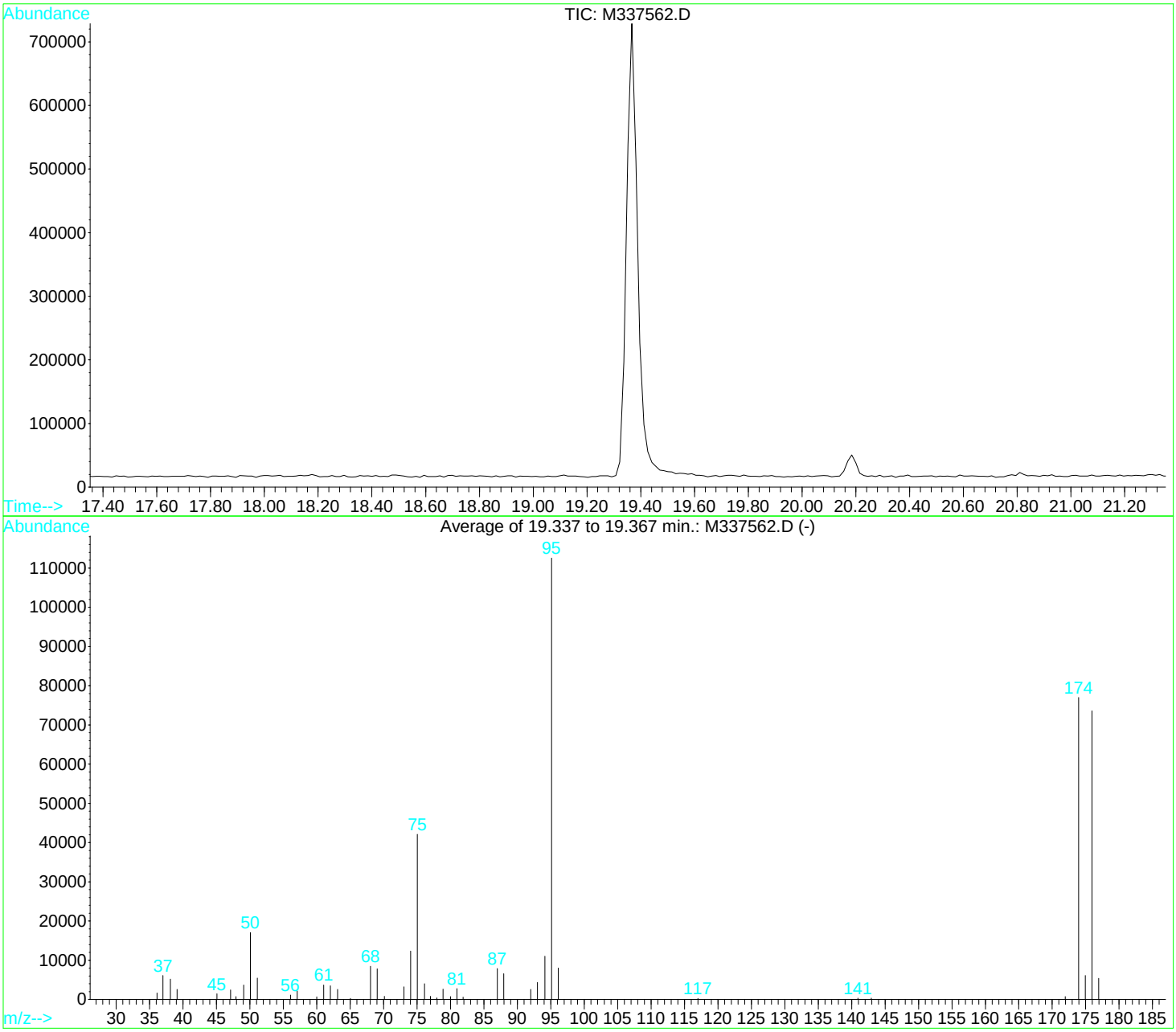
Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120409\M337501.D Vial: 2
Acq On : 4 Dec 2009 8:45 am Operator: MD
Sample : BSL0039-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 10:26 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration



Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337562.D Vial: 1
Acq On : 8 Dec 2009 8:18 am Operator: MD
Sample : BSL0054-TUN1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010



Spectrum Information: Average of 19.337 to 19.367 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.2	17065	PASS
75	95	30	60	37.4	42112	PASS
95	95	100	100	100.0	112543	PASS
96	95	5	9	7.1	7988	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	68.4	76959	PASS
175	174	5	9	7.9	6080	PASS
176	174	95	101	95.6	73573	PASS
177	176	5	9	7.3	5378	PASS

Data File Name M337563.D
Operator MD
Date Acquired 8 Dec 2009 8:49 am
Sample Name BSL0054-CCV1

CCC COMPOUNDS

#	Name	Amount	Units	Target Response	RRF < 20%
4)	Vinyl Chloride	25.01	ug/l	617311	0.02
12)	1,1-Dichloroethene	24.80	ug/l	671436	-0.82
27)	Chloroform	25.75	ug/l	1196946	2.99
36)	1,2-Dichloropropane	25.65	ug/l	710886	2.61
45)	Toluene	25.19	ug/l	1754630	0.76
56)	Ethylbenzene	25.75	ug/l	2764024	2.99

SPCC Compounds

#	Name	Amount	Units	Target Response	RRF	MIN RRF
3)	Chloromethane	23.17	ug/l	697026	0.24	0.1
17)	1,1-Dichloroethane	26.11	ug/l	1193254	0.41	0.1
54)	Chlorobenzene	24.86	ug/l	1918784	0.99	0.3
60)	Bromoform	24.67	ug/l	370776	0.19	0.1
67)	1,1,2,2-Tetrachloroethane	25.24	ug/l	661662	0.94	0.3

Internal Standards

#	Name	Amount	Units	Target Response
1)	Fluorobenzene	25.00	ug/l	2896493
43)	Chlorobenzene-d5	25.00	ug/l	1941357
63)	1,4 Dichlorobenzene-D4	25.00	ug/l	704355

Analyst: _____

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337563.D Vial: 2
Acq On : 8 Dec 2009 8:49 am Operator: MD
Sample : BSL0054-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	83	-0.01
2		Dichlorodifluoromethane	25.000	23.954	4.2	82	-0.01
3		Chloromethane	25.000	23.172	7.3	82	-0.01
4		Vinyl Chloride	25.000	25.005	-0.0	85	-0.01
5		Bromomethane	25.000	23.136	7.5	77	-0.01
6		Chloroethane	25.000	25.161	-0.6	87	-0.01
7		Trichlorofluoromethane	25.000	24.485	2.1	84	-0.01
8		Diethyl ether	25.000	25.533	-2.1	84	-0.03
9		Acrolein	25.000	22.255	11.0	83	-0.01
10		Acetone	125.000	131.788	-5.4	85	-0.01
11		Iodomethane	25.000	25.099	-0.4	78	-0.01
12		1,1,2-Trichloro-1,2,2-trifl	25.000	24.639	1.4	83	-0.01
13		Methyl Acetate	25.000	25.894	-3.6	89	-0.03
14		Allyl Chloride	25.000	26.252	-5.0	85	-0.03
15		Carbon Disulfide	25.000	26.115	-4.5	88	-0.01
16		1,1-Dichloroethene	25.000	24.795	0.8	83	-0.01
17		Methylene Chloride	25.000	25.128	-0.5	85	-0.01
18		Methyl tert-Butyl Ether	25.000	24.610	1.6	80	-0.01
19		Acrylonitrile	25.000	24.761	1.0	80	-0.01
20		trans-1,2-Dichloroethene	25.000	24.877	0.5	85	-0.03
21		1,1-Dichloroethane	25.000	26.113	-4.5	87	-0.01
22		Vinyl Acetate	25.000	22.333	10.7	74	-0.01
23		Chloroprene	25.000	26.021	-4.1	85	-0.01
24		2-Butanone	125.000	133.213	-6.6	83	-0.01
25		Di-isopropyl ether	25.000	25.874	-3.5	85	-0.01
26		Methacrylonitrile	25.000	23.833	4.7	81	-0.01
27		cis-1,2 Dichloroethene	25.000	25.143	-0.6	84	-0.03
28		Methyl Acrylate	25.000	26.768	-7.1	81	-0.01
29		Ethyl tertiary-butyl ether	25.000	25.380	-1.5	81	-0.01
30		2,2-Dichloropropane	25.000	28.440	-13.8	93	-0.01
31		Bromochloromethane	25.000	24.763	0.9	81	-0.01
32		Tetrahydrofuran	25.000	24.397	2.4	75	-0.01
33		Chloroform	25.000	25.748	-3.0	87	-0.01
34	S	Dibromofluoromethane(SURR)	25.000	22.788	8.8	76	-0.01
35		1-Chlorobutane	25.000	25.802	-3.2	85	-0.01
36		1,1,1-Trichloroethane	25.000	25.904	-3.6	87	-0.01
37		1,1-Dichloropropene	25.000	25.935	-3.7	86	-0.01
38		Cyclohexane	25.000	24.809	0.8	81	-0.01
39		Carbon Tetrachloride	25.000	25.748	-3.0	86	-0.01
40		Benzene	25.000	25.799	-3.2	86	-0.01
41	S	1,2-Dichloroethane-d4(SURR)	25.000	23.614	5.5	77	-0.01
42		1,2-Dichloroethane	25.000	25.815	-3.3	86	-0.01
43		Tertiary-amyl methyl ether	25.000	23.757	5.0	78	-0.01
44		Trichloroethene	25.000	24.874	0.5	84	-0.01
45		1,2-Dichloropropane	25.000	25.652	-2.6	85	-0.01
46		Dibromomethane	25.000	24.257	3.0	81	-0.01
47		2-Nitropropane	25.000	22.748	9.0	76	-0.01
48		Bromodichloromethane	25.000	25.600	-2.4	85	-0.01
49		1,4-Dioxane	500.000	236.306	52.7#	36	-0.01
50		Methyl Methacrylate	25.000	25.646	-2.6	78	-0.01
51		2-Chloroethyl vinyl ether	125.000	224.649	-79.7#	150	-0.01
52		Methyl Cyclohexane	25.000	25.328	-1.3	82	-0.01
53		4-Methyl-2-Pentanone	125.000	131.563	-5.3	80	-0.01
54		cis-1,3-Dichloropropene	25.000	25.937	-3.7	84	-0.03
55		trans-1,3-Dichloropropene	25.000	26.499	-6.0	83	-0.01
56		1,1,2-Trichloroethane	25.000	24.970	0.1	82	-0.01
57		Toluene	25.000	25.189	-0.8	84	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337563.D Vial: 2
Acq On : 8 Dec 2009 8:49 am Operator: MD
Sample : BSL0054-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
58	I	Chlorobenzene-d5	25.000	25.000	0.0	85	-0.01
59	S	Toluene-d8 (SURR)	25.000	23.071	7.7	76	-0.01
60		Ethyl Methacrylate	25.000	24.010	4.0	82	-0.01
61		2-Hexanone	125.000	116.626	6.7	76	-0.01
62		1,3-Dichloropropane	25.000	25.790	-3.2	83	-0.01
63		Tetrachloroethene	25.000	24.047	3.8	81	-0.01
64		Dibromochloromethane	25.000	24.332	2.7	79	-0.03
65		1,2-Dibromoethane	25.000	24.993	0.0	81	-0.03
66		1-Chlorohexane	25.000	24.694	1.2	82	-0.01
67		Chlorobenzene	25.000	24.863	0.5	83	-0.01
68		1,1,1,2-Tetrachloroethane	25.000	24.549	1.8	81	-0.03
69		Ethylbenzene	25.000	25.748	-3.0	83	-0.01
70		Xylene P,M	50.000	50.882	-1.8	82	-0.01
71		Xylene O	25.000	25.315	-1.3	83	-0.01
72		Styrene	25.000	26.727	-6.9	81	-0.01
73		Bromoform	25.000	24.674	1.3	80	-0.01
74		cis-1,4-Dichloro-2-butene	25.000	21.755	13.0	79	-0.01
75	S	Bromofluorobenzene (SURR)	25.000	23.244	7.0	77	-0.03
76	I	1,4 Dichlorobenzene-D4	25.000	25.000	0.0	81	-0.01
77		Trans-1,4-Dichloro-2-Butene	25.000	24.229	3.1	85	-0.01
78		1,2,3-Trichloropropane	25.000	25.779	-3.1	82	-0.01
79		Isopropylbenzene	25.000	25.471	-1.9	80	-0.03
80		Bromobenzene	25.000	26.142	-4.6	81	-0.01
81		1,1,2,2-Tetrachloroethane	25.000	25.236	-0.9	81	-0.01
82		n-Propylbenzene	25.000	25.824	-3.3	81	-0.01
83		2-Chlorotoluene	25.000	25.587	-2.3	83	-0.01
84		4-Chlorotoluene	25.000	25.393	-1.6	81	-0.01
85		1,3,5-Trimethylbenzene	25.000	25.814	-3.3	81	0.00
86		Pentachloroethane	25.000	25.575	-2.3	82	-0.01
87		tert-Butylbenzene	25.000	25.136	-0.5	79	-0.01
88		1,2,4-Trimethylbenzene	25.000	25.813	-3.3	82	-0.01
89		sec-Butylbenzene	25.000	25.641	-2.6	81	-0.01
90		1,3 Dichlorobenzene	25.000	25.193	-0.8	81	-0.01
91		4-Isopropyltoluene	25.000	25.399	-1.6	81	-0.01
92		1,4 Dichlorobenzene	25.000	24.506	2.0	81	0.00
93		n-Butylbenzene	25.000	25.905	-3.6	80	-0.01
94		1,2 Dichlorobenzene	25.000	24.633	1.5	79	-0.01
95		1,2-Dibromo-3-Chloropropane	25.000	26.058	-4.2	76	0.00
96		Hexachloroethane	25.000	25.459	-1.8	82	-0.01
97		1,3,5-Trichlorobenzene	25.000	24.070	3.7	76	-0.01
98		1,2,4-Trichlorobenzene	25.000	23.247	7.0	72	-0.01
99		Hexachlorobutadiene	25.000	24.805	0.8	82	-0.01
100		Naphthalene	25.000	22.362	10.6	68	-0.01
101		1,2,3-Trichlorobenzene	25.000	22.608	9.6	69	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M337563.D AQ110909.M Tue Dec 08 13:26:51 2009 Page 2

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337563.D Vial: 2
Acq On : 8 Dec 2009 8:49 am Operator: MD
Sample : BSL0054-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:19 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	2896493	25.00	ug/l	-0.01
58) Chlorobenzene-d5	17.17	117	1941357	25.00	ug/l	-0.01
76) 1,4 Dichlorobenzene-D4	21.54	152	704355	25.00	ug/l	-0.01
System Monitoring Compounds						
34) Dibromofluoromethane(SURR)	9.94	111	815400	22.79	ug/l	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.16%			
41) 1,2-Dichloroethane-d4(SURR	10.64	65	463150	23.61	ug/l	-0.01
Spiked Amount 25.000			Recovery = 94.44%			
59) Toluene-d8 (SURR)	14.80	98	2309122	23.07	ug/l	-0.01
Spiked Amount 25.000			Recovery = 92.28%			
75) Bromofluorobenzene (SURR)	19.35	95	798509	23.24	ug/l	-0.03
Spiked Amount 25.000			Recovery = 92.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	593951	23.95	ug/l	99
3) Chloromethane	3.93	50	697026	23.17	ug/l	99
4) Vinyl Chloride	4.23	62	617311	25.01	ug/l	99
5) Bromomethane	4.86	94	398123	23.14	ug/l	98
6) Chloroethane	5.10	64	348352	25.16	ug/l	99
7) Trichlorofluoromethane	6.00	101	813697	24.48	ug/l	100
8) Diethyl ether	6.41	59	414020	25.53	ug/l	98
9) Acrolein	6.01	56	47547	22.25	ug/l	97
10) Acetone	6.23	58	157139	131.79	ug/l	98
11) Iodomethane	6.89	142	928683	25.10	ug/l	97
12) 1,1,2-Trichloro-1,2,2-trif	7.18	101	634654	24.64	ug/l	98
13) Methyl Acetate	7.21	43	362005	25.89	ug/l	97
14) Allyl Chloride	7.23	41	1178512	26.25	ug/l	99
15) Carbon Disulfide	7.39	76	2456291	26.12	ug/l	100
16) 1,1-Dichloroethene	6.84	96	671436	24.80	ug/l	94
17) Methylene Chloride	7.10	84	850422	25.13	ug/l	99
18) Methyl tert-Butyl Ether	8.35	73	978602	24.61	ug/l	98
19) Acrylonitrile	6.99	53	149597	24.76	ug/l	97
20) trans-1,2-Dichloroethene	8.14	96	748050	24.88	ug/l	99
21) 1,1-Dichloroethane	8.52	63	1193254	26.11	ug/l	98
22) Vinyl Acetate	8.79	43	975116	22.33	ug/l	98
23) Chloroprene	9.10	53	801503	26.02	ug/l	99
24) 2-Butanone	9.25	72	182946	133.21	ug/l #	24
25) Di-isopropyl ether	9.27	45	2461696	25.87	ug/l	100
26) Methacrylonitrile	9.39	41	291066	23.83	ug/l	99
27) cis-1,2 Dichloroethene	9.42	96	881412	25.14	ug/l	97
28) Methyl Acrylate	9.88	55	413043	26.77	ug/l	99
29) Ethyl tertiary-butyl ether	9.88	59	1465151	25.38	ug/l	99
30) 2,2-Dichloropropane	9.86	77	699530	28.44	ug/l	98
31) Bromochloromethane	9.67	128	396666	24.76	ug/l	97
32) Tetrahydrofuran	10.29	42	109962	24.40	ug/l	99
33) Chloroform	9.74	83	1196946	25.75	ug/l	99
35) 1-Chlorobutane	10.90	56	1070753	25.80	ug/l	98
36) 1,1,1-Trichloroethane	10.90	97	853895	25.90	ug/l	99
37) 1,1-Dichloropropene	11.20	75	816380	25.93	ug/l	98
38) Cyclohexane	11.33	56	739927	24.81	ug/l	100
39) Carbon Tetrachloride	11.47	117	725290	25.75	ug/l	100
40) Benzene	11.54	78	2781748	25.80	ug/l	100
42) 1,2-Dichloroethane	10.75	62	588392	25.82	ug/l	98
43) Tertiary-amyl methyl ether	11.83	73	1069347	23.76	ug/l	97
44) Trichloroethene	12.55	95	750842	24.87	ug/l	99
45) 1,2-Dichloropropane	12.48	63	710886	25.65	ug/l	99
46) Dibromomethane	12.42	93	462982	24.26	ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337563.D Vial: 2
Acq On : 8 Dec 2009 8:49 am Operator: MD
Sample : BSL0054-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:19 2009 Quant Results File: AQ110909.RES

Quant Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration
DataAcq Meth : AQ110909

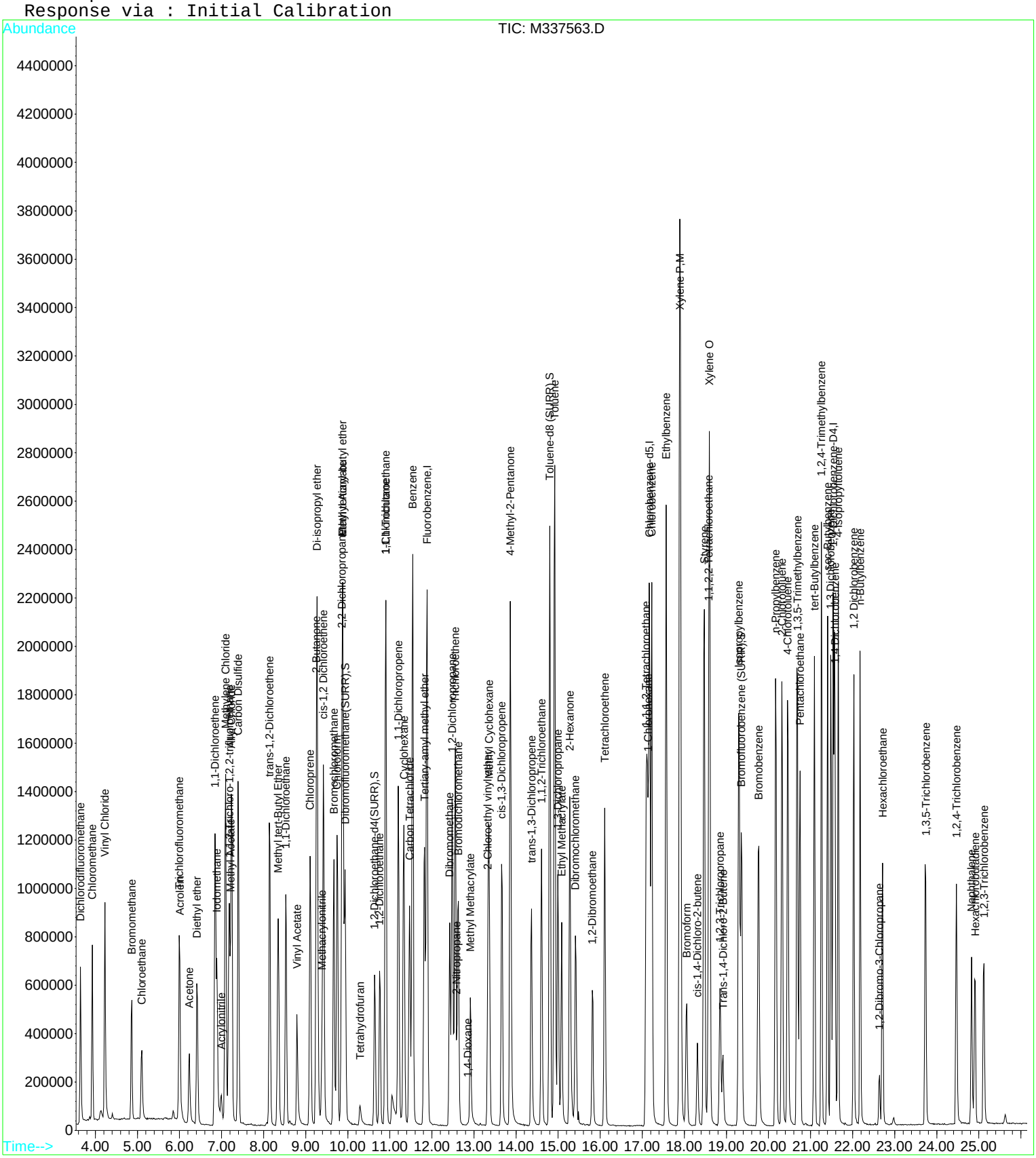
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
47)	2-Nitropropane	12.58	43	78377	22.75	ug/l		93
48)	Bromodichloromethane	12.63	83	830970	25.60	ug/l		98
49)	1,4-Dioxane	12.85	88	18541	236.31	ug/l		92
50)	Methyl Methacrylate	12.91	41	403340	25.65	ug/l		98
51)	2-Chloroethyl vinyl ether	13.33	63	365248	224.65	ug/l		99
52)	Methyl Cyclohexane	13.36	83	595248	25.33	ug/l		99
53)	4-Methyl-2-Pentanone	13.86	58	788727	131.56	ug/l		96
54)	cis-1,3-Dichloropropene	13.66	75	891257	25.94	ug/l		99
55)	trans-1,3-Dichloropropene	14.37	75	670143	26.50	ug/l		98
56)	1,1,2-Trichloroethane	14.61	83	479605	24.97	ug/l		93
57)	Toluene	14.92	92	1754630	25.19	ug/l		100
60)	Ethyl Methacrylate	15.08	69	547858	24.01	ug/l		99
61)	2-Hexanone	15.28	43	1463054	116.63	ug/l		99
62)	1,3-Dichloropropane	14.99	76	871482	25.79	ug/l		100
63)	Tetrachloroethene	16.11	164	435145	24.05	ug/l		99
64)	Dibromochloromethane	15.41	129	627322	24.33	ug/l		100
65)	1,2-Dibromoethane	15.81	107	600426	24.99	ug/l		98
66)	1-Chlorohexane	17.14	91	609216	24.69	ug/l		98
67)	Chlorobenzene	17.22	112	1918784	24.86	ug/l		97
68)	1,1,1,2-Tetrachloroethane	17.09	131	558793	24.55	ug/l		100
69)	Ethylbenzene	17.57	91	2764024	25.75	ug/l		100
70)	Xylene P,M	17.89	106	2147566	50.88	ug/l		96
71)	Xylene O	18.59	106	1081427	25.32	ug/l		98
72)	Styrene	18.47	104	1857334	26.73	ug/l		97
73)	Bromoform	18.06	173	370776	24.67	ug/l		95
74)	cis-1,4-Dichloro-2-butene	18.31	75	129783	21.75	ug/l		95
77)	Trans-1,4-Dichloro-2-Buten	18.92	53	100947	24.23	ug/l		95
78)	1,2,3-Trichloropropane	18.85	75	409195	25.78	ug/l		100
79)	Isopropylbenzene	19.29	105	2101670	25.47	ug/l		99
80)	Bromobenzene	19.77	156	677752	26.14	ug/l		99
81)	1,1,2,2-Tetrachloroethane	18.58	83	661662	25.24	ug/l		100
82)	n-Propylbenzene	20.17	91	2359511	25.82	ug/l		99
83)	2-Chlorotoluene	20.32	91	1660689	25.59	ug/l		98
84)	4-Chlorotoluene	20.45	91	1708935	25.39	ug/l		100
85)	1,3,5-Trimethylbenzene	20.69	105	1649460	25.81	ug/l		93
86)	Pentachloroethane	20.75	119	419078	25.58	ug/l		98
87)	tert-Butylbenzene	21.09	119	1180011	25.14	ug/l		98
88)	1,2,4-Trimethylbenzene	21.26	105	1773519	25.81	ug/l		99
89)	sec-Butylbenzene	21.40	105	1907624	25.64	ug/l		100
90)	1,3 Dichlorobenzene	21.48	146	1015502	25.19	ug/l		99
91)	4-Isopropyltoluene	21.66	119	1512240	25.40	ug/l		99
92)	1,4 Dichlorobenzene	21.58	146	1088159	24.51	ug/l		99
93)	n-Butylbenzene	22.18	91	1360917	25.90	ug/l		100
94)	1,2 Dichlorobenzene	22.03	146	959301	24.63	ug/l		99
95)	1,2-Dibromo-3-Chloropropan	22.64	75	61594	26.06	ug/l	#	49
96)	Hexachloroethane	22.71	117	318357	25.46	ug/l		97
97)	1,3,5-Trichlorobenzene	23.74	180	530515	24.07	ug/l		100
98)	1,2,4-Trichlorobenzene	24.47	180	457484	23.25	ug/l		98
99)	Hexachlorobutadiene	24.91	225	209763	24.80	ug/l		99
100)	Naphthalene	24.83	128	794834	22.36	ug/l		100
101)	1,2,3-Trichlorobenzene	25.12	180	348563	22.61	ug/l		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : Q:\VOA\MS3_MG\MG1209\MG120809\M337563.D Vial: 2
Acq On : 8 Dec 2009 8:49 am Operator: MD
Sample : BSL0054-CCV1 Inst : VOA MS3
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 8 9:19 2009 Quant Results File: AQ110909.RES

Method : C:\HPCHEM\1\METHODS\AQ110909.M (RTE Integrator)
Title : ELEMENT ID: 0911010
Last Update : Fri Dec 04 10:23:04 2009
Response via : Initial Calibration



ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
11/6/09	12	M3 37 144	09N092 -04	0X101509	pH2	
	13	M3 45	-05		pH2	
	14	M3 46	-06		pH2	
	15	M3 47	-07		pH2	
	16	M3 48	-08		pH2	
	17	M3 49	-10		pH2	
	18	M3 50	-11		pH2	
	19	M3 51	-12		pH2	
11/6/09	20	M3 52	-13	0X101509	pH2	
11/9/09	1	M3 53	BSK0051 - JUN1	AR101609	9K09092	
	2	M3 54	BSK0051 - CAL1		9K09093	
	3	M3 55	BSK0051 - CAL2		9K09094	
	4	M3 56	BSK0051 - CAL3		9K09095	
	5	M3 57	BSK0051 - CAL4		9K09096	
	6	M3 58	BSK0051 - CAL5		9K09097	
	7	M3 59	BSK0051 - CAL6		9K09098	
11/9/09	8	M3 60	BSK0051 - CAL7	AR101609	9K09099	

Run Sequence Confirmation

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Surrogate: 95 3000

On-column IS: 95 3000

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
11/9/09	9	M3 37161	Test BLK	AG101609		~
〃	10	M3 62	Test BLK	AG101609		〃
11/9/09	11	M3 63	BSK0051-SLV1	AG110909	9K09050	~
		M3				
		M3				
		M3				
		M3				
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		M3				
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		M3				

Run Sequence Confirmation

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Surrogate: 9530009

On-column IS: 9530006

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/2/09	12	M3 37465	0911302-09	AG110909	pHer	
	13	M3 66	-06		pHer	
	14	M3 67	-06		pHer	
	15	M3 68	-08		pHer	
	16	M3 69	-09		pHer	
	17	M3 70	-10		pHer	
	18	M3 71	-11		pHer	
	19	M3 72	-12		pHer	
	20	M3 73	-13		pHer	
	21	M3 74	0911308-01		pHer	
	22	M3 75	BL90203- MS1		9K24058 40µl/10ml pHer 0911302-10	
12/2/09	23	M3 76	BL90203- MSD1	AG110909	9K24058 40µl/10ml pHer 0911302-10	
12/3/09	1	M3 77	BSL0027- TLM1		9L03046	
	2	M3 78	BSL0027- CCV1		9L03047	
	3	M3 79	BL90309- BS1		9K24058 20µl/5ml	
	4	M3 80	BL90309- BSD1		9K24058 20µl/5ml	
12/3/09	5	M3 81	TestBlk	AG110909		

Run Sequence Confirmation

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Surrogate: 9S30009 9L03038

On-column IS: 9S30006 Stds 12/3/09 9L03040

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/3/09	6	M3 37482	Test BLK	AG110909		mp
	7	M3 83	BL-90309 - BLK1			
	8	M3 84	~~M 12/3/09~~ 0911321-12		pH2	
	9	M3 85	-01		pH2	
	10	M3 86	-02		pH2	
	11	M3 87	-03		pH2	
	12	M3 88	-04		pH2	
	13	M3 89	-05		pH2	
	14	M3 90	-06		pH2	
	15	M3 91	-09		pH2	
	16	M3 92	-10		pH2	
	17	M3 93	-11		pH2	
	18	M3 94	0912038-03		pH2	
	19	M3 95	-04		pH2	
	20	M3 91	-01		pH2	
	21	M3 97	-02		pH2	
12/3/09	22	M3 98	BL90309 - MS1	AG110909	9L24058 40µl ICE-1 pH2 0911321-05	mp

Run Sequence Confirmation

Surrogate: 9L03038

Control Number 20.0020-0903A

On-column IS: 9L03040

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/3/09	23	M3 37499	BL90309- MSD1	AE 110909	9K24058 4/1/1C1 pH<2 0911321-08	
12/4/09	1	M3 37500	BSL0039- TUN1		9L04037	
	2	M3 01	BSL0039- CCV1		9L04038	
	3	M3 02	BL90410- BS1		9K24058 20/15a1	
	4	M3 03	BL90410- BSD1		9K24058 20/15a1	
	5	M3 04	TestBlK			
	6	M3 05	TestBlK			
	7	M3 06	BL90410- BlK1			
	8	M3 07	0911321-09RE1		10X pH<2	
	9	M3 08	-04RE1		20X pH<2	
	10	M3 09	-10RE1		20X pH<2	
	11	M3 10	0912038-16		pH<2	
	12	M3 11	-05		pH<2	
	13	M3 12	-06		pH<2	
	14	M3 13	-07		pH<2	
	15	M3 14	-08		pH<2	
12/4/09	16	M3 15	-09	AE 110909	pH<2	

Run Sequence Confirmation

Surrogate: 9L03038

On-column IS: 9L03040

Page_____

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/4/09	17	M3 375 16	0912038-~~X~~-10	Ag110909	pH<2	mm
	18	M3 17	-11		pH<2	
	19	M3 18	-12		pH<2	
	20	M3 19	-13		pH<2	
	21	M3 20	-14		pH<2	
	22	M3 21	-15		pH<2	
	23	M3 22	Test BLK			
	24	M3 23	Test BLK			
	25	M3 24	BSLCS40- TW1		9L04039	
	26	M3 25	BSLCS40- CW1		9L04040	
	27	M3 26	BL90411- BS1		9K24068 20µl/5ml	
	28	M3 27	BL90411- BSD1		9K24068 20µl/5ml	
	29	M3 28	Test BLK			
	30	M3 29	Test BLK			
	31	M3 30	BL90411- BLK1			
	32	M3 31	BL90411- BLK2		TCLP - 5X pH>2	
12/4/09	33	M3 32	~~0912001-01~~ 0912012-01	Ag110909	1004 - TCLP pH>2	mm

Run Sequence Confirmation mm/4/09

Surrogate: 9L03038

On-column IS: 9L03040

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12-7/09	14	M3 375 50	TB	AQ110509		CLP
	15	M3 51	TB			
	16	M3 52	0912040-01			
	17	M3 53	-02			
	18	M3 54	0912057-01			
	19	M3 55	-02			
	20	M3 56	-03			
	21	M3 57	-04			
	22	M3 58	0912057-05			
	23	M3 59	0912055-02			
	24	M3 60	TB			
12/7/09	25	M3 61	TB	AQ110509		CLP
12/8/09	1	M3 62	BSL0054- TLM		9L08079	m
	2	M3 63	BSL0054- CCV1		9L08086	
	3	M3 64	BL908I5- BS1		9K24058 20µl/50-1	
	4	M3 65	BL908I5- BSD1		9K24058 20µl/50-1	
12/8/09	5	M3 66	TOSTBLK	AQ110909		m

pHzr

Run Sequence Confirmation

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

Surrogate: 9L08038

On-column IS: 9L08041

Page

ESS LABORATORY MS-3 RUN LOG

BATCH DATE	VIAL #	FILE #	LAB ID	METHOD	COMMENTS / DILUTION /STANDARD ID	ANALYST
12/8/09	23	M3 37584	BL 90815 - MS01	AG110909	9K24058 20 µl/100 µl pH<2 091206-01	✓
	24	M3 85	TestBlk			
	25	M3 86	TestBlk			
	26	M3 87	BSLCC05 - TW1		9L08081	
	27	M3 88	BSLCC05 - CW1		~~9L08208~~ 11/18/09 9L08082	
	28	M3 89	BL90816 - BS1		9K24058 20 µl/15 ml	
	29	M3 90	BL90816 - BSD1		9K24058 20 µl/15 ml	
	30	M3 91	TestBlk			
	31	M3 92	TestBlk			
	32	M3 93	BL90816 - BLK1			
	33	M3 94	091206-03		pH<2	
	34	M3 95	091206-03		pH<2	
	35	M3 96	-04		pH<2	
	36	M3 97	-05		pH<2	
	37	M3 98	-07		pH<2	
	38	M3 99	-08		pH<2	
12/8/09	39	M3 37600	-09	AG110909	pH<2	✓

Run Sequence Confirmation

Surrogate: 9L03038

Control Number 20.0020-0903A

All Standards must be noted with a primary or secondary ID

On-column IS: 9L03040

Page

VOA
Logbooks

HOLDING TIME SUMMARY
8260B

Laboratory: ESS Laboratory SDG: 0912038

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
GWMW231S	12/01/09 09:47	12/02/09 16:40	12/03/09 08:00	1.93	14.00	12/03/09 18:30	2.36	14.00	
GWMW231D	12/01/09 10:00	12/02/09 16:40	12/03/09 08:00	1.92	14.00	12/03/09 19:02	2.38	14.00	
GWMW231D	12/01/09 10:00	12/02/09 16:40	12/08/09 08:00	6.92	14.00	12/08/09 13:35	7.15	14.00	
GWMW232S	12/01/09 11:10	12/02/09 16:40	12/03/09 08:00	1.87	14.00	12/03/09 17:26	2.26	14.00	
GWMW232S	12/01/09 11:10	12/02/09 16:40	12/08/09 08:00	6.87	14.00	12/08/09 15:42	7.19	14.00	
GWMW232D	12/01/09 11:35	12/02/09 16:40	12/03/09 08:00	1.85	14.00	12/03/09 17:57	2.27	14.00	
GWMW232D	12/01/09 11:35	12/02/09 16:40	12/08/09 08:00	6.85	14.00	12/08/09 14:39	7.13	14.00	
GWMW233	12/01/09 12:55	12/02/09 16:40	12/04/09 08:00	2.80	14.00	12/04/09 14:02	3.05	14.00	
GWMW230D	12/01/09 15:27	12/02/09 16:40	12/04/09 08:00	2.69	14.00	12/04/09 14:34	2.96	14.00	
GWMW234D	12/02/09 09:45	12/02/09 16:40	12/04/09 08:00	1.93	14.00	12/04/09 15:05	2.22	14.00	
GWMW230S	12/02/09 10:40	12/02/09 16:40	12/04/09 08:00	1.89	14.00	12/04/09 15:37	2.21	14.00	
GWMW230S	12/02/09 10:40	12/02/09 16:40	12/08/09 08:00	5.89	14.00	12/08/09 16:14	6.23	14.00	
PWPDB0S	12/02/09 12:20	12/02/09 16:40	12/08/09 08:00	5.82	14.00	12/08/09 14:07	6.07	14.00	
PWPDB0S	12/02/09 12:20	12/02/09 16:40	12/08/09 08:00	5.82	14.00	12/08/09 14:07	6.07	14.00	
PWPDB01	12/02/09 12:35	12/02/09 16:40	12/04/09 08:00	1.81	14.00	12/04/09 16:40	2.17	14.00	
PWPDB02	12/02/09 12:50	12/02/09 16:40	12/04/09 08:00	1.80	14.00	12/04/09 17:12	2.18	14.00	
PWPDB03	12/02/09 13:10	12/02/09 16:40	12/04/09 08:00	1.78	14.00	12/04/09 17:44	2.19	14.00	
PWPDB04	12/02/09 13:20	12/02/09 16:40	12/04/09 08:00	1.78	14.00	12/04/09 18:15	2.20	14.00	
PWPDB06	12/02/09 13:30	12/02/09 16:40	12/04/09 08:00	1.77	14.00	12/04/09 18:47	2.22	14.00	
PWPDB06	12/02/09 13:30	12/02/09 16:40	12/08/09 08:00	5.77	14.00	12/08/09 15:10	6.07	14.00	
PWPDBTRIP	12/01/09 00:00	12/02/09 16:40	12/04/09 08:00	3.33	14.00	12/04/09 19:18	3.80	14.00	
TRIP	12/01/09 00:00	12/02/09 16:40	12/04/09 08:00	3.33	14.00	12/04/09 13:30	3.56	14.00	

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: Client

ESS Project ID: 09120038
Date Project Due: 12/9/09
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **3.8**		16. Are ESS labels on correct containers?	Yes|No
Iced With: **Ice**		17. Were samples received intact?	Yes|No
6. Was COC included with samples?	Yes	ESS Sample IDs:	_____
7. Was COC signed and dated by client?	Yes	Sub Lab:	_____
8. Does the COC match the sample	Yes	Analysis:	_____
9. Is COC complete and correct?	Yes	TAT:	_____

18. Was there need to call project manager to discuss status? If yes, please explain.

Only 2 vials received for -15-

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL
2	Yes	40 ml - VOA	3	HCL
3	Yes	40 ml - VOA	3	HCL
4	Yes	40 ml - VOA	3	HCL
5	Yes	40 ml - VOA	3	HCL
6	Yes	40 ml - VOA	3	HCL
7	Yes	40 ml - VOA	3	HCL
8	Yes	40 ml - VOA	3	HCL
9	Yes	40 ml - VOA	3	HCL
10	Yes	40 ml - VOA	3	HCL
11	Yes	40 ml - VOA	3	HCL
12	Yes	40 ml - VOA	3	HCL
13	Yes	40 ml - VOA	3	HCL
14	Yes	40 ml - VOA	3	HCL
15	Yes	40 ml - VOA	~~3~~ 2	HCL
16	Yes	40 ml - VOA	2	HCL

Completed By: _____ Date/Time: 12/2/09
Reviewed By: _____ Date/Time: 12/2/09

09120038-15
Preservative: HCL
0100000000345443

- Unused

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other ____

Is this project for any of the following:
MA-MCP Navy USACE Other ____

Reporting Limits: RI GW A

ESS LAB PROJECT ID: 09/2038

Electronic Deliverable: V Yes ___ No
Format: Excel__ Access__ PDF__ Other EDS

Co. Name	Project #	Project Name (20 Char. or less)
Mactec Engineering & Consulting	36500S0041	Textron-Gorham

Contact Person	Address
Dave ~~Hete~~ Heisleincan	107 Audubon Rd Bld 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeisleine@mactec.com

Circle and/or Write Required Analysis

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 VOA	524.2	624	VPH w/targets	8015 GRO	8021 MTBE/BTEX	8015 DRO	8100 TPH	EPH 4 Diesel	EPH w/PAHs	EPH w/o PAHs	608 Pesticides	608 PCB	8082 PCB	8081 Pesticides	PAH 8270	625	8270 SVOA	PP13	TAL23	RCRA8	RCRA5	NBC7	TCLP-RCRA8	MCP-METALS (13) w/Hg	MCP-METALS (13)	
1	12/01/09	09:47		X	GW	GWMW231S	2	3	V	X																										
2	12/01/09	10:00		X	GW	GWMW231D	2	3	V	X																										
3	12/01/09	11:10		X	GW	GWMW232S	2	3	V	X																										
4	12/01/09	11:35		X	GW	GWMW232D	2	3	V	X																										
5	12/01/09	12:55		X	GW	GWMW233	2	3	V	X																										
6	12/01/09	15:27		X	GW	GWMW230D	2	3	V	Y																										
7	12/02/09	09:45		X	GW	GWMW234D	2	3	V	X																										
8	12/02/09	10:40		X	GW	GWMW230S	2	3	V	X																										
9	12/02/09	12:20		X	GW	PWPD305	2	3	V	X																										
10	12/02/09	12:35		X	GW	PWPD301	2	3	V	X																										

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present: 2 Yes ___ No
Seals Intact: ___ Yes ___ No NA: ___
Cooler Temp: 3.8°C Ice

Internal Use Only
[ ] Pickup
[ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore / Phil Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/2		12/4 4:40pm				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/28/04 R

ESS Laboratory

Division of Thielsch Engineering, Inc.
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www.esslaboratory.com

CHAIN OF CUSTODY

Page 2 of 2

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required # ____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA
ESS LAB PROJECT ID: 09/2038
Electronic Deliverable ___ Yes ___ No
Format: Excel ✓ Access ___ PDF ___ Other EDP

Co. Name	Project #	Project Name (20 Char. or less)
MACTEC Engineering	3650050011	Textron - Gorham

Contact Person	Address
Dave Heistein (PM)	107 Audubon Rd Bld 2 Suit 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DHeistein@mactec.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis
11	12/2/09	12:50		X	GW	PWPDB02	2	3	✓	X
12	12/2/09	13:10		X	GW	PWPDB03	2	3	✓	X
13	12/2/09	13:20		X	GW	PWPDB04	2	3	✓	X
14	12/2/09	13:30		X	GW	PWPDB06	2	3	✓	X
15	12/2/09	15:50		X	GW	PWPDBTRIP	2	3	✓	X
16	12/2/09	16:00		X	GW	TRIP	2	2	✓	X

Circle and/or Write Required Analysis: 8260 VOA (524.2 / 624); 8021 MTBE/BTEX; 8015 GRO; VPH w/targets; 8100 TPH; 8015 DRO; EPH w/o PAHs; EPH w/PAHs; EPH 4 Diesel; 8081 Pesticides; 8082 PCB; 608 Pesticides; 608 PCB; 8270 SVOA (625 / PAH 8270); RCRA5; RCRA8; PP13; TAL23; TCLP-RCRA8; NBC7; MCP-METALS (13); MCP-METALS (13) w/Hg

Container Type: P-Poly G-Glass S-Sterile V-VOA
Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No
Seals Intact ___ Yes ___ No NA: ___
Cooler Temp: 3.8°C Ice

Internal Use Only
[ ] Pickup
[ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore / Phil Muller 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/2						
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 R

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

David Heislein
MACTEC Engineering & Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

CHECKED FOR COMPLETENESS
OF PARAMETERS ORDERED BY:
3/8/10

RE: Textron Gorham (3650050041)
ESS Laboratory Work Order Number: 1002155

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Digitally signed by Melissa Pagliarini
Date: 2010.03.04 12:54:23 -05'00'

Laurel Stoddard
Laboratory Director

Analytical Summary

The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

SAMPLE RECEIPT

The following samples were received on February 12, 2010 for the analyses specified on the enclosed Chain of Custody Record.

Revision 1 March 2, 2010: This report has been revised to include J Flagged results.

Lab Number	SampleName	Matrix	Analysis
1002155-01	GWMWC	Ground Water	8260B
1002155-02	GWMWC Dup	Ground Water	8260B

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

PROJECT NARRATIVE

8260B Volatile Organic Compounds
CTB0117-CCV1 **Continuing Calibration recovery is below lower control limit (C-).**
1,4-Dioxane - Screen (53% @ 70-130%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWC
Date Sampled: 02/12/10 11:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002155
ESS Laboratory Sample ID: 1002155-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
1,1,1-Trichloroethane	**J 0.0003** (0.0010)	0.0002	0.2	1	02/16/10 15:34	CTB0117	CB01621
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	02/16/10 15:34	CTB0117	CB01621
1,1-Dichloroethane	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
1,1-Dichloroethene	**0.0013** (0.0010)	0.0003	0.007	1	02/16/10 15:34	CTB0117	CB01621
1,1-Dichloropropene	ND (0.0020)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	02/16/10 15:34	CTB0117	CB01621
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	02/16/10 15:34	CTB0117	CB01621
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	02/16/10 15:34	CTB0117	CB01621
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	02/16/10 15:34	CTB0117	CB01621
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	02/16/10 15:34	CTB0117	CB01621
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	02/16/10 15:34	CTB0117	CB01621
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	02/16/10 15:34	CTB0117	CB01621
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	02/16/10 15:34	CTB0117	CB01621
1,3-Dichloropropane	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	02/16/10 15:34	CTB0117	CB01621
1,4-Dioxane - Screen	ND (0.500)	0.190		1	02/16/10 15:34	CTB0117	CB01621
1-Chlorohexane	ND (0.0010)	0.0004		1	02/16/10 15:34	CTB0117	CB01621
2,2-Dichloropropane	ND (0.0010)	0.0003		1	02/16/10 15:34	CTB0117	CB01621
2-Butanone	ND (0.0250)	0.0058		1	02/16/10 15:34	CTB0117	CB01621
2-Chlorotoluene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
2-Hexanone	ND (0.0100)	0.0015		1	02/16/10 15:34	CTB0117	CB01621
4-Chlorotoluene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
4-Isopropyltoluene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	02/16/10 15:34	CTB0117	CB01621
Acetone	ND (0.0250)	0.0050		1	02/16/10 15:34	CTB0117	CB01621
Benzene	ND (0.0010)	0.0001	0.005	1	02/16/10 15:34	CTB0117	CB01621
Bromobenzene	ND (0.0020)	0.0002		1	02/16/10 15:34	CTB0117	CB01621

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWC
Date Sampled: 02/12/10 11:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002155
ESS Laboratory Sample ID: 1002155-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	02/16/10 15:34	CTB0117	CB01621
Bromodichloromethane	ND (0.0006)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
Bromoform	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Bromomethane	ND (0.0020)	0.0004		1	02/16/10 15:34	CTB0117	CB01621
Carbon Disulfide	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	02/16/10 15:34	CTB0117	CB01621
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	02/16/10 15:34	CTB0117	CB01621
Chloroethane	ND (0.0020)	0.0004		1	02/16/10 15:34	CTB0117	CB01621
Chloroform	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
Chloromethane	ND (0.0020)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
cis-1,2-Dichloroethene	**0.0175** (0.0010)	0.0002	0.07	1	02/16/10 15:34	CTB0117	CB01621
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Dibromochloromethane	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Dibromomethane	ND (0.0010)	0.0003		1	02/16/10 15:34	CTB0117	CB01621
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	02/16/10 15:34	CTB0117	CB01621
Diethyl Ether	ND (0.0010)	0.0003		1	02/16/10 15:34	CTB0117	CB01621
Di-isopropyl ether	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	02/16/10 15:34	CTB0117	CB01621
Hexachlorobutadiene	ND (0.0006)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Hexachloroethane	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Isopropylbenzene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	02/16/10 15:34	CTB0117	CB01621
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	02/16/10 15:34	CTB0117	CB01621
Naphthalene	ND (0.0010)	0.0002	0.02	1	02/16/10 15:34	CTB0117	CB01621
n-Butylbenzene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
n-Propylbenzene	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
sec-Butylbenzene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
Styrene	ND (0.0010)	0.0001	0.1	1	02/16/10 15:34	CTB0117	CB01621
tert-Butylbenzene	ND (0.0010)	0.0001		1	02/16/10 15:34	CTB0117	CB01621
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Tetrachloroethene	**0.0182** (0.0010)	0.0002	0.005	1	02/16/10 15:34	CTB0117	CB01621

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWC
Date Sampled: 02/12/10 11:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002155
ESS Laboratory Sample ID: 1002155-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	02/16/10 15:34	CTB0117	CB01621
Toluene	ND (0.0010)	0.0001	1	1	02/16/10 15:34	CTB0117	CB01621
trans-1,2-Dichloroethene	**J 0.0004** (0.0010)	0.0003	0.1	1	02/16/10 15:34	CTB0117	CB01621
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	02/16/10 15:34	CTB0117	CB01621
Trichloroethene	**0.272** (0.0100)	0.0020	0.005	10	02/16/10 18:46	CTB0117	CB01621
Trichlorofluoromethane	ND (0.0010)	0.0004		1	02/16/10 15:34	CTB0117	CB01621
Vinyl Acetate	ND (0.0050)	0.0005		1	02/16/10 15:34	CTB0117	CB01621
Vinyl Chloride	**J 0.0003** (0.0010)	0.0002	0.002	1	02/16/10 15:34	CTB0117	CB01621
Xylene O	ND (0.0010)	0.0001	10	1	02/16/10 15:34	CTB0117	CB01621
Xylene P,M	ND (0.0020)	0.0002	10	1	02/16/10 15:34	CTB0117	CB01621
Xylenes (Total)	ND (0.0030)		10	1	02/16/10 15:34		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		02/16/10 15:34		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*98 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*101 %*		*70-130*
Surrogate: Dibromofluoromethane	*97 %*		*70-130*
Surrogate: Toluene-d8	*104 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWC Dup
Date Sampled: 02/12/10 11:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002155
ESS Laboratory Sample ID: 1002155-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
1,1,1-Trichloroethane	**J 0.0003** (0.0010)	0.0002	0.2	1	02/16/10 16:06	CTB0117	CB01621
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	02/16/10 16:06	CTB0117	CB01621
1,1-Dichloroethane	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
1,1-Dichloroethene	**0.0012** (0.0010)	0.0003	0.007	1	02/16/10 16:06	CTB0117	CB01621
1,1-Dichloropropene	ND (0.0020)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	02/16/10 16:06	CTB0117	CB01621
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	02/16/10 16:06	CTB0117	CB01621
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	02/16/10 16:06	CTB0117	CB01621
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	02/16/10 16:06	CTB0117	CB01621
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	02/16/10 16:06	CTB0117	CB01621
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	02/16/10 16:06	CTB0117	CB01621
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	02/16/10 16:06	CTB0117	CB01621
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	02/16/10 16:06	CTB0117	CB01621
1,3-Dichloropropane	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	02/16/10 16:06	CTB0117	CB01621
1,4-Dioxane - Screen	ND (0.500)	0.190		1	02/16/10 16:06	CTB0117	CB01621
1-Chlorohexane	ND (0.0010)	0.0004		1	02/16/10 16:06	CTB0117	CB01621
2,2-Dichloropropane	ND (0.0010)	0.0003		1	02/16/10 16:06	CTB0117	CB01621
2-Butanone	ND (0.0250)	0.0058		1	02/16/10 16:06	CTB0117	CB01621
2-Chlorotoluene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
2-Hexanone	ND (0.0100)	0.0015		1	02/16/10 16:06	CTB0117	CB01621
4-Chlorotoluene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
4-Isopropyltoluene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	02/16/10 16:06	CTB0117	CB01621
Acetone	ND (0.0250)	0.0050		1	02/16/10 16:06	CTB0117	CB01621
Benzene	ND (0.0010)	0.0001	0.005	1	02/16/10 16:06	CTB0117	CB01621
Bromobenzene	ND (0.0020)	0.0002		1	02/16/10 16:06	CTB0117	CB01621

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWC Dup
Date Sampled: 02/12/10 11:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002155
ESS Laboratory Sample ID: 1002155-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromochloromethane	ND (0.0010)	0.0003		1	02/16/10 16:06	CTB0117	CB01621
Bromodichloromethane	ND (0.0006)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
Bromoform	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Bromomethane	ND (0.0020)	0.0004		1	02/16/10 16:06	CTB0117	CB01621
Carbon Disulfide	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	02/16/10 16:06	CTB0117	CB01621
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	02/16/10 16:06	CTB0117	CB01621
Chloroethane	ND (0.0020)	0.0004		1	02/16/10 16:06	CTB0117	CB01621
Chloroform	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
Chloromethane	ND (0.0020)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
cis-1,2-Dichloroethene	**0.0169** (0.0010)	0.0002	0.07	1	02/16/10 16:06	CTB0117	CB01621
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Dibromochloromethane	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Dibromomethane	ND (0.0010)	0.0003		1	02/16/10 16:06	CTB0117	CB01621
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	02/16/10 16:06	CTB0117	CB01621
Diethyl Ether	ND (0.0010)	0.0003		1	02/16/10 16:06	CTB0117	CB01621
Di-isopropyl ether	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	02/16/10 16:06	CTB0117	CB01621
Hexachlorobutadiene	ND (0.0006)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Hexachloroethane	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Isopropylbenzene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	02/16/10 16:06	CTB0117	CB01621
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	02/16/10 16:06	CTB0117	CB01621
Naphthalene	ND (0.0010)	0.0002	0.02	1	02/16/10 16:06	CTB0117	CB01621
n-Butylbenzene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
n-Propylbenzene	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
sec-Butylbenzene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
Styrene	ND (0.0010)	0.0001	0.1	1	02/16/10 16:06	CTB0117	CB01621
tert-Butylbenzene	ND (0.0010)	0.0001		1	02/16/10 16:06	CTB0117	CB01621
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Tetrachloroethene	**0.0172** (0.0010)	0.0002	0.005	1	02/16/10 16:06	CTB0117	CB01621

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWC Dup
Date Sampled: 02/12/10 11:55
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002155
ESS Laboratory Sample ID: 1002155-02
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Tetrahydrofuran	ND (0.0050)	0.0016		1	02/16/10 16:06	CTB0117	CB01621
Toluene	ND (0.0010)	0.0001	1	1	02/16/10 16:06	CTB0117	CB01621
trans-1,2-Dichloroethene	**J 0.0004** (0.0010)	0.0003	0.1	1	02/16/10 16:06	CTB0117	CB01621
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	02/16/10 16:06	CTB0117	CB01621
Trichloroethene	**0.257** (0.0100)	0.0020	0.005	10	02/16/10 19:18	CTB0117	CB01621
Trichlorofluoromethane	ND (0.0010)	0.0004		1	02/16/10 16:06	CTB0117	CB01621
Vinyl Acetate	ND (0.0050)	0.0005		1	02/16/10 16:06	CTB0117	CB01621
Vinyl Chloride	**J 0.0003** (0.0010)	0.0002	0.002	1	02/16/10 16:06	CTB0117	CB01621
Xylene O	ND (0.0010)	0.0001	10	1	02/16/10 16:06	CTB0117	CB01621
Xylene P,M	ND (0.0020)	0.0002	10	1	02/16/10 16:06	CTB0117	CB01621
Xylenes (Total)	ND (0.0030)		10	1	02/16/10 16:06		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		02/16/10 16:06		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*98 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*102 %*		*70-130*
Surrogate: Dibromofluoromethane	*97 %*		*70-130*
Surrogate: Toluene-d8	*102 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01621 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01621 - 5030B										
Dibromochloromethane	ND	0.0010	mg/L							
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	0.0004	0.0040	mg/L							J
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0239*		mg/L	*0.02500*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0258*		mg/L	*0.02500*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0243*		mg/L	*0.02500*		*97*	*70-130*			
Surrogate: Toluene-d8	*0.0257*		mg/L	*0.02500*		*103*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	8.80		ug/L	10.00		88	70-130			
1,1,1-Trichloroethane	9.79		ug/L	10.00		98	70-130			
1,1,2,2-Tetrachloroethane	9.14		ug/L	10.00		91	70-130			
1,1,2-Trichloroethane	9.64		ug/L	10.00		96	70-130			
1,1-Dichloroethane	9.76		ug/L	10.00		98	70-130			
1,1-Dichloroethene	9.97		ug/L	10.00		100	70-130			
1,1-Dichloropropene	9.57		ug/L	10.00		96	70-130			
1,2,3-Trichlorobenzene	11.8		ug/L	10.00		118	70-130			
1,2,3-Trichloropropane	9.03		ug/L	10.00		90	70-130			
1,2,4-Trichlorobenzene	11.0		ug/L	10.00		110	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01621 - 5030B										
1,2,4-Trimethylbenzene	9.84		ug/L	10.00		98	70-130			
1,2-Dibromo-3-Chloropropane	9.45		ug/L	10.00		94	70-130			
1,2-Dibromoethane	8.87		ug/L	10.00		89	70-130			
1,2-Dichlorobenzene	9.98		ug/L	10.00		100	70-130			
1,2-Dichloroethane	9.44		ug/L	10.00		94	70-130			
1,2-Dichloropropane	9.49		ug/L	10.00		95	70-130			
1,3,5-Trimethylbenzene	9.77		ug/L	10.00		98	70-130			
1,3-Dichlorobenzene	9.68		ug/L	10.00		97	70-130			
1,3-Dichloropropane	8.72		ug/L	10.00		87	70-130			
1,4-Dichlorobenzene	9.55		ug/L	10.00		96	70-130			
1,4-Dioxane - Screen	626		ug/L	200.0		313	0-332			
1-Chlorohexane	9.33		ug/L	10.00		93	70-130			
2,2-Dichloropropane	9.95		ug/L	10.00		100	70-130			
2-Butanone	49.0		ug/L	50.00		98	70-130			
2-Chlorotoluene	9.65		ug/L	10.00		96	70-130			
2-Hexanone	43.6		ug/L	50.00		87	70-130			
4-Chlorotoluene	9.54		ug/L	10.00		95	70-130			
4-Isopropyltoluene	9.89		ug/L	10.00		99	70-130			
4-Methyl-2-Pentanone	48.3		ug/L	50.00		97	70-130			
Acetone	45.2		ug/L	50.00		90	70-130			
Benzene	9.83		ug/L	10.00		98	70-130			
Bromobenzene	9.92		ug/L	10.00		99	70-130			
Bromochloromethane	9.46		ug/L	10.00		95	70-130			
Bromodichloromethane	9.57		ug/L	10.00		96	70-130			
Bromoform	9.34		ug/L	10.00		93	70-130			
Bromomethane	10.8		ug/L	10.00		108	70-130			
Carbon Disulfide	11.8		ug/L	10.00		118	70-130			
Carbon Tetrachloride	9.56		ug/L	10.00		96	70-130			
Chlorobenzene	8.67		ug/L	10.00		87	70-130			
Chloroethane	10.6		ug/L	10.00		106	70-130			
Chloroform	9.51		ug/L	10.00		95	70-130			
Chloromethane	10.1		ug/L	10.00		101	70-130			
cis-1,2-Dichloroethene	9.94		ug/L	10.00		99	70-130			
cis-1,3-Dichloropropene	9.95		ug/L	10.00		100	70-130			
Dibromochloromethane	8.55		ug/L	10.00		86	70-130			
Dibromomethane	9.22		ug/L	10.00		92	70-130			
Dichlorodifluoromethane	9.01		ug/L	10.00		90	70-130			
Diethyl Ether	10.1		ug/L	10.00		101	70-130			
Di-isopropyl ether	10.4		ug/L	10.00		104	70-130			
Ethyl tertiary-butyl ether	9.69		ug/L	10.00		97	70-130			
Ethylbenzene	8.95		ug/L	10.00		90	70-130			
Hexachlorobutadiene	10.7		ug/L	10.00		107	70-130			
Hexachloroethane	10.5		ug/L	10.00		105	70-130			
Isopropylbenzene	8.36		ug/L	10.00		84	70-130			
Methyl tert-Butyl Ether	9.84		ug/L	10.00		98	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01621 - 5030B										
Methylene Chloride	10.8		ug/L	10.00		108	70-130			
Naphthalene	10.7		ug/L	10.00		107	70-130			
n-Butylbenzene	10.6		ug/L	10.00		106	70-130			
n-Propylbenzene	9.68		ug/L	10.00		97	70-130			
sec-Butylbenzene	10.3		ug/L	10.00		103	70-130			
Styrene	8.85		ug/L	10.00		88	70-130			
tert-Butylbenzene	9.84		ug/L	10.00		98	70-130			
Tertiary-amyl methyl ether	10.2		ug/L	10.00		102	70-130			
Tetrachloroethene	8.50		ug/L	10.00		85	70-130			
Tetrahydrofuran	12.0		ug/L	10.00		120	70-130			
Toluene	10.0		ug/L	10.00		100	70-130			
trans-1,2-Dichloroethene	10.6		ug/L	10.00		106	70-130			
trans-1,3-Dichloropropene	8.90		ug/L	10.00		89	70-130			
Trichloroethene	9.87		ug/L	10.00		99	70-130			
Trichlorofluoromethane	8.37		ug/L	10.00		84	70-130			
Vinyl Acetate	9.89		ug/L	10.00		99	70-130			
Vinyl Chloride	9.65		ug/L	10.00		96	70-130			
Xylene O	9.06		ug/L	10.00		91	70-130			
Xylene P,M	18.1		ug/L	20.00		91	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0250*		mg/L	*0.02500*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0241*		mg/L	*0.02500*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0260*		mg/L	*0.02500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.0242*		mg/L	*0.02500*		*97*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.28		ug/L	10.00		93	70-130	5	25	
1,1,1-Trichloroethane	9.34		ug/L	10.00		93	70-130	5	25	
1,1,2,2-Tetrachloroethane	9.02		ug/L	10.00		90	70-130	1	25	
1,1,2-Trichloroethane	9.25		ug/L	10.00		92	70-130	4	25	
1,1-Dichloroethane	9.36		ug/L	10.00		94	70-130	4	25	
1,1-Dichloroethene	9.91		ug/L	10.00		99	70-130	0.6	25	
1,1-Dichloropropene	9.28		ug/L	10.00		93	70-130	3	25	
1,2,3-Trichlorobenzene	10.5		ug/L	10.00		105	70-130	12	25	
1,2,3-Trichloropropane	9.12		ug/L	10.00		91	70-130	1	25	
1,2,4-Trichlorobenzene	9.44		ug/L	10.00		94	70-130	15	25	
1,2,4-Trimethylbenzene	9.19		ug/L	10.00		92	70-130	7	25	
1,2-Dibromo-3-Chloropropane	8.38		ug/L	10.00		84	70-130	12	25	
1,2-Dibromoethane	9.69		ug/L	10.00		97	70-130	9	25	
1,2-Dichlorobenzene	9.57		ug/L	10.00		96	70-130	4	25	
1,2-Dichloroethane	9.20		ug/L	10.00		92	70-130	3	25	
1,2-Dichloropropane	9.28		ug/L	10.00		93	70-130	2	25	
1,3,5-Trimethylbenzene	9.47		ug/L	10.00		95	70-130	3	25	
1,3-Dichlorobenzene	9.25		ug/L	10.00		92	70-130	5	25	
1,3-Dichloropropane	9.25		ug/L	10.00		92	70-130	6	25	
1,4-Dichlorobenzene	9.11		ug/L	10.00		91	70-130	5	25	
1,4-Dioxane - Screen	357		ug/L	200.0		178	0-332	55	200	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01621 - 5030B										
1-Chlorohexane	10.0		ug/L	10.00		100	70-130	7	25	
2,2-Dichloropropane	9.29		ug/L	10.00		93	70-130	7	25	
2-Butanone	44.0		ug/L	50.00		88	70-130	11	25	
2-Chlorotoluene	9.34		ug/L	10.00		93	70-130	3	25	
2-Hexanone	45.8		ug/L	50.00		92	70-130	5	25	
4-Chlorotoluene	9.32		ug/L	10.00		93	70-130	2	25	
4-Isopropyltoluene	9.19		ug/L	10.00		92	70-130	7	25	
4-Methyl-2-Pentanone	47.8		ug/L	50.00		96	70-130	1	25	
Acetone	44.4		ug/L	50.00		89	70-130	2	25	
Benzene	9.31		ug/L	10.00		93	70-130	5	25	
Bromobenzene	9.51		ug/L	10.00		95	70-130	4	25	
Bromochloromethane	9.32		ug/L	10.00		93	70-130	1	25	
Bromodichloromethane	9.28		ug/L	10.00		93	70-130	3	25	
Bromoform	9.83		ug/L	10.00		98	70-130	5	25	
Bromomethane	10.7		ug/L	10.00		107	70-130	0.9	25	
Carbon Disulfide	11.4		ug/L	10.00		114	70-130	4	25	
Carbon Tetrachloride	9.18		ug/L	10.00		92	70-130	4	25	
Chlorobenzene	9.44		ug/L	10.00		94	70-130	9	25	
Chloroethane	9.76		ug/L	10.00		98	70-130	8	25	
Chloroform	9.19		ug/L	10.00		92	70-130	3	25	
Chloromethane	9.52		ug/L	10.00		95	70-130	6	25	
cis-1,2-Dichloroethene	9.45		ug/L	10.00		94	70-130	5	25	
cis-1,3-Dichloropropene	9.50		ug/L	10.00		95	70-130	5	25	
Dibromochloromethane	9.44		ug/L	10.00		94	70-130	10	25	
Dibromomethane	8.90		ug/L	10.00		89	70-130	4	25	
Dichlorodifluoromethane	8.71		ug/L	10.00		87	70-130	3	25	
Diethyl Ether	10.0		ug/L	10.00		100	70-130	0.4	25	
Di-isopropyl ether	10.1		ug/L	10.00		101	70-130	3	25	
Ethyl tertiary-butyl ether	9.47		ug/L	10.00		95	70-130	2	25	
Ethylbenzene	9.63		ug/L	10.00		96	70-130	7	25	
Hexachlorobutadiene	10.1		ug/L	10.00		101	70-130	6	25	
Hexachloroethane	9.84		ug/L	10.00		98	70-130	7	25	
Isopropylbenzene	8.09		ug/L	10.00		81	70-130	3	25	
Methyl tert-Butyl Ether	9.77		ug/L	10.00		98	70-130	0.7	25	
Methylene Chloride	10.4		ug/L	10.00		104	70-130	4	25	
Naphthalene	9.64		ug/L	10.00		96	70-130	11	25	
n-Butylbenzene	9.81		ug/L	10.00		98	70-130	8	25	
n-Propylbenzene	9.27		ug/L	10.00		93	70-130	4	25	
sec-Butylbenzene	9.70		ug/L	10.00		97	70-130	6	25	
Styrene	9.40		ug/L	10.00		94	70-130	6	25	
tert-Butylbenzene	9.60		ug/L	10.00		96	70-130	2	25	
Tertiary-amyl methyl ether	9.80		ug/L	10.00		98	70-130	4	25	
Tetrachloroethene	9.28		ug/L	10.00		93	70-130	9	25	
Tetrahydrofuran	12.3		ug/L	10.00		123	70-130	3	25	
Toluene	9.47		ug/L	10.00		95	70-130	6	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01621 - 5030B										
trans-1,2-Dichloroethene	10.0		ug/L	10.00		100	70-130	5	25	
trans-1,3-Dichloropropene	8.66		ug/L	10.00		87	70-130	3	25	
Trichloroethene	9.09		ug/L	10.00		91	70-130	8	25	
Trichlorofluoromethane	8.03		ug/L	10.00		80	70-130	4	25	
Vinyl Acetate	9.51		ug/L	10.00		95	70-130	4	25	
Vinyl Chloride	9.25		ug/L	10.00		92	70-130	4	25	
Xylene O	9.61		ug/L	10.00		96	70-130	6	25	
Xylene P,M	19.8		ug/L	20.00		99	70-130	9	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0251*		mg/L	*0.02500*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0268*		mg/L	*0.02500*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0258*		mg/L	*0.02500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.0271*		mg/L	*0.02500*		*108*	*70-130*			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

Notes and Definitions

U	Analyte included in the analysis, but not detected
J	Reported between MDL and MRL; Estimated value.
D	Diluted.
C-	Continuing Calibration recovery is below lower control limit (C-).
ND	Analyte NOT DETECTED above the detection limit (LOD for DoD Reports)
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
LOD	Limit of Detection
[CALC]	Calculated Analyte

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002155

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP)
A2LA Accredited: Testing Cert# 2864.01
http://www.a2la.org/scopepdf/2864-01.pdf

Rhode Island Potable and Non Potable Water: A-179
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine Potable and Non Potable Water: RI002
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited)Potable and Non PotableWater, Solid and Hazardous Waste: 242405
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture Soil Permit: S-54210

Maryland Potable Water: 301
http://www.mde.state.md.us/assets/document/WSP_labs-2009apr20.pdf

South Carolina Volatile Organic Compounds in Potable Water: 78003

CHEMISTRY

A2LA Accredited: Testing Cert # 2864.01
Lead in Paint, Phthalates, Lead in Children's Metals Products (Including Jewelry)
http://www.A2LA.org/dirsearchnew/newsearch.cfm

CPSC ID# 1141
Lead Paint, Lead in Children's Metals Jewelry
http://www.cpsc.gov/cgi-bin/labapplist.aspx

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: ESS Courier

ESS Project ID: 10020155
Date Project Due: 2/19/10
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **1.6**		16. Are ESS labels on correct containers?	Yes/No
Iced With: **Icepacks**		17. Were samples received intact?	Yes/No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL
2	Yes	40 ml - VOA	3	HCL

Completed By: _____ Date/Time: 2/12/10

Reviewed By: _____ Date/Time: 2/12/10

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Page 1 of 1

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required #____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA
ESS LAB PROJECT ID: 1002155
Electronic Deliverable: ✓ Yes ___ No
Format: Excel ___ Access ___ PDF ___ Other EDS

Co. Name	Project #	Project Name (20 Char. or less)
Mactec Engineering	36500S0041	Textron Gorham

Contact Person	Address
Dave Heislein (PM)	107 Audubon Rd Bld 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeislein@mactec.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis: 524.2 / 624 (8260 VOA)	VPH w/targets / 8015 GRO / 8021 MTBE/BTEX	8015 DRO / 8100 TPH	EPH 4 Diesel / EPH w/PAHs / EPH w/o PAHs	608 PCB / 608 Pesticides / 8082 PCB / 8081 Pesticides	PAH 8270 / 625 / 8270 SVOA	TAL23 / PP13 / RCRA8 / RCRA5	NBC7 / TCLP-RCRA8	MCP-METALS (13) w/Hg / MCP-METALS (13)	
01	2/12/10	11:55		Y	GW	GWMWC	2	3	V	X									
02	2/12/10	11:55		Y	GW	GWMWCDup	2	3	V	X									

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No — Internal Use Only
Seals Intact ___ Yes ___ No NA: ___ [ ] Pickup
Cooler Temp: 1.0 [ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Massiore 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/12/10 15:25	[signature]	2/12/10 1530				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B

VOA
Data Package

VOA
Sample Data

ESS Laboratory
SDG: 1002155
CLASS: MSVOA
METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: ESS Laboratory SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Client Sample Id:	Lab Sample Id:
GWMWC	1002155-01
GWMWC	1002155-01RE1
GWMWC Dup	1002155-02
GWMWC Dup	1002155-02RE1

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____ Name: _____

Date: _____ Title: _____

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 1002155

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	0.0002	0.0010	mg/L
1,1,1-Trichloroethane	0.0002	0.0010	mg/L
1,1,2,2-Tetrachloroethane	0.0001	0.0005	mg/L
1,1,2-Trichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethene	0.0003	0.0010	mg/L
1,1-Dichloropropene	0.0002	0.0020	mg/L
1,2,3-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,3-Trichloropropane	0.0003	0.0010	mg/L
1,2,4-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,4-Trimethylbenzene	0.0001	0.0010	mg/L
1,2-Dibromo-3-Chloropropane	0.0010	0.0050	mg/L
1,2-Dibromoethane	0.0002	0.0010	mg/L
1,2-Dichlorobenzene	0.0001	0.0010	mg/L
1,2-Dichloroethane	0.0002	0.0010	mg/L
1,2-Dichloropropane	0.0002	0.0010	mg/L
1,3,5-Trimethylbenzene	0.0001	0.0010	mg/L
1,3-Dichlorobenzene	0.0002	0.0010	mg/L
1,3-Dichloropropane	0.0001	0.0010	mg/L
1,4-Dichlorobenzene	0.0001	0.0010	mg/L
1,4-Dioxane - Screen	0.190	0.500	mg/L
1-Chlorohexane	0.0004	0.0010	mg/L
2,2-Dichloropropane	0.0003	0.0010	mg/L
2-Butanone	0.0058	0.0250	mg/L
2-Chlorotoluene	0.0001	0.0010	mg/L
2-Hexanone	0.0015	0.0100	mg/L
4-Chlorotoluene	0.0001	0.0010	mg/L
4-Isopropyltoluene	0.0001	0.0010	mg/L
4-Methyl-2-Pentanone	0.0016	0.0250	mg/L
Acetone	0.0050	0.0250	mg/L
Benzene	0.0001	0.0010	mg/L
Bromobenzene	0.0002	0.0020	mg/L
Bromochloromethane	0.0003	0.0010	mg/L
Bromodichloromethane	0.0001	0.0006	mg/L
Bromoform	0.0002	0.0010	mg/L
Bromomethane	0.0004	0.0020	mg/L
Carbon Disulfide	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 1002155

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Carbon Tetrachloride	0.0001	0.0010	mg/L
Chlorobenzene	0.0001	0.0010	mg/L
Chloroethane	0.0004	0.0020	mg/L
Chloroform	0.0001	0.0010	mg/L
Chloromethane	0.0002	0.0020	mg/L
cis-1,2-Dichloroethene	0.0002	0.0010	mg/L
cis-1,3-Dichloropropene	0.0002	0.0004	mg/L
Dibromochloromethane	0.0002	0.0010	mg/L
Dibromomethane	0.0003	0.0010	mg/L
Dichlorodifluoromethane	0.0003	0.0020	mg/L
Diethyl Ether	0.0003	0.0010	mg/L
Di-isopropyl ether	0.0002	0.0010	mg/L
Ethyl tertiary-butyl ether	0.0001	0.0010	mg/L
Ethylbenzene	0.0001	0.0010	mg/L
Hexachlorobutadiene	0.0002	0.0006	mg/L
Hexachloroethane	0.0002	0.0010	mg/L
Isopropylbenzene	0.0001	0.0010	mg/L
Methyl tert-Butyl Ether	0.0003	0.0010	mg/L
Methylene Chloride	0.0002	0.0040	mg/L
Naphthalene	0.0002	0.0010	mg/L
n-Butylbenzene	0.0001	0.0010	mg/L
n-Propylbenzene	0.0002	0.0010	mg/L
sec-Butylbenzene	0.0001	0.0010	mg/L
Styrene	0.0001	0.0010	mg/L
tert-Butylbenzene	0.0001	0.0010	mg/L
Tertiary-amyl methyl ether	0.0002	0.0010	mg/L
Tetrachloroethene	0.0002	0.0010	mg/L
Tetrahydrofuran	0.0016	0.0050	mg/L
Toluene	0.0001	0.0010	mg/L
trans-1,2-Dichloroethene	0.0003	0.0010	mg/L
trans-1,3-Dichloropropene	0.0002	0.0004	mg/L
Trichloroethene	0.0002	0.0010	mg/L
Trichlorofluoromethane	0.0004	0.0010	mg/L
Vinyl Acetate	0.0005	0.0050	mg/L
Vinyl Chloride	0.0002	0.0010	mg/L
Xylene O	0.0001	0.0010	mg/L
Xylene P,M	0.0002	0.0020	mg/L

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC

Laboratory: ESS Laboratory SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Matrix: Ground Water Laboratory ID: 1002155-01 File ID: M338420.D

Sampled: 02/12/10 11:55 Prepared: 02/16/10 08:00 Analyzed: 02/16/10 15:34

Solids: Preparation: 5030B Initial/Final: 10 ml / 10 ml

Batch: CB01621 Sequence: CTB0117 Calibration: 1002006 Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0003	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0013	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC

Laboratory: ESS Laboratory | SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 1002155-01 | File ID: M338420.D

Sampled: 02/12/10 11:55 | Prepared: 02/16/10 08:00 | Analyzed: 02/16/10 15:34

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: CB01621 | Sequence: CTB0117 | Calibration: 1002006 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0175	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0182	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0004	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	10	0.272	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0003	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0245	98	70 - 130	
4-Bromofluorobenzene	0.02500	0.0253	101	70 - 130	
Dibromofluoromethane	0.02500	0.0243	97	70 - 130	
Toluene-d8	0.02500	0.0261	104	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002155-01	File ID:	M338420.D
Sampled:	02/12/10 11:55	Prepared:	02/16/10 08:00	Analyzed:	02/16/10 15:34
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3386638	11.96	3456429	11.95	
Chlorobenzene-d5	2616143	17.25	2453040	17.24	
1,4-Dichlorobenzene-D4	1072509	21.61	1009864	21.6	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC

Laboratory: ESS Laboratory SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Matrix: Ground Water Laboratory ID: 1002155-01RE1 File ID: M338426.D

Sampled: 02/12/10 11:55 Prepared: 02/16/10 08:00 Analyzed: 02/16/10 18:46

Solids: Preparation: 5030B Initial/Final: 10 ml / 10 ml

Batch: CB01621 Sequence: CTB0117 Calibration: 1002006 Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	UD
71-55-6	1,1,1-Trichloroethane	10	0.0100	UD
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	UD
79-00-5	1,1,2-Trichloroethane	10	0.0100	UD
75-34-3	1,1-Dichloroethane	10	0.0100	UD
75-35-4	1,1-Dichloroethene	10	0.0100	UD
563-58-6	1,1-Dichloropropene	10	0.0200	UD
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	UD
96-18-4	1,2,3-Trichloropropane	10	0.0100	UD
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	UD
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	UD
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	UD
106-93-4	1,2-Dibromoethane	10	0.0100	UD
95-50-1	1,2-Dichlorobenzene	10	0.0100	UD
107-06-2	1,2-Dichloroethane	10	0.0100	UD
78-87-5	1,2-Dichloropropane	10	0.0100	UD
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	UD
541-73-1	1,3-Dichlorobenzene	10	0.0100	UD
142-28-9	1,3-Dichloropropane	10	0.0100	UD
106-46-7	1,4-Dichlorobenzene	10	0.0100	UD
123-91-1	1,4-Dioxane - Screen	10	5.00	UD
544-10-5	1-Chlorohexane	10	0.0100	UD
594-20-7	2,2-Dichloropropane	10	0.0100	UD
78-93-3	2-Butanone	10	0.250	UD
95-49-8	2-Chlorotoluene	10	0.0100	UD
591-78-6	2-Hexanone	10	0.100	UD
106-43-4	4-Chlorotoluene	10	0.0100	UD
99-87-6	4-Isopropyltoluene	10	0.0100	UD
108-10-1	4-Methyl-2-Pentanone	10	0.250	UD
67-64-1	Acetone	10	0.250	UD
71-43-2	Benzene	10	0.0100	UD
108-86-1	Bromobenzene	10	0.0200	UD
74-97-5	Bromochloromethane	10	0.0100	UD
75-27-4	Bromodichloromethane	10	0.0060	UD
75-25-2	Bromoform	10	0.0100	UD
74-83-9	Bromomethane	10	0.0200	UD
75-15-0	Carbon Disulfide	10	0.0100	UD
56-23-5	Carbon Tetrachloride	10	0.0100	UD
108-90-7	Chlorobenzene	10	0.0100	UD
75-00-3	Chloroethane	10	0.0200	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC

Laboratory: ESS Laboratory | SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. | Project: Textron Gorham

Matrix: Ground Water | Laboratory ID: 1002155-01RE1 | File ID: M338426.D

Sampled: 02/12/10 11:55 | Prepared: 02/16/10 08:00 | Analyzed: 02/16/10 18:46

Solids: | Preparation: 5030B | Initial/Final: 10 ml / 10 ml

Batch: CB01621 | Sequence: CTB0117 | Calibration: 1002006 | Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0100	UD
74-87-3	Chloromethane	10	0.0200	UD
156-59-2	cis-1,2-Dichloroethene	10	0.0212	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	UD
124-48-1	Dibromochloromethane	10	0.0100	UD
74-95-3	Dibromomethane	10	0.0100	UD
75-71-8	Dichlorodifluoromethane	10	0.0200	UD
60-29-7	Diethyl Ether	10	0.0100	UD
108-20-3	Di-isopropyl ether	10	0.0100	UD
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	UD
100-41-4	Ethylbenzene	10	0.0100	UD
87-68-3	Hexachlorobutadiene	10	0.0060	UD
67-72-1	Hexachloroethane	10	0.0100	UD
98-82-8	Isopropylbenzene	10	0.0100	UD
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	UD
75-09-2	Methylene Chloride	10	0.0400	UD
91-20-3	Naphthalene	10	0.0100	UD
104-51-8	n-Butylbenzene	10	0.0100	UD
103-65-1	n-Propylbenzene	10	0.0100	UD
135-98-8	sec-Butylbenzene	10	0.0100	UD
100-42-5	Styrene	10	0.0100	UD
98-06-6	tert-Butylbenzene	10	0.0100	UD
994-05-8	Tertiary-amyl methyl ether	10	0.0100	UD
127-18-4	Tetrachloroethene	10	0.0251	D
109-99-9	Tetrahydrofuran	10	0.0500	UD
108-88-3	Toluene	10	0.0100	UD
156-60-5	trans-1,2-Dichloroethene	10	0.0100	UD
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	UD
79-01-6	Trichloroethene	10	0.272	D
75-69-4	Trichlorofluoromethane	10	0.0100	UD
108-05-4	Vinyl Acetate	10	0.0500	UD
75-01-4	Vinyl Chloride	10	0.0100	UD
95-47-6	Xylene O	10	0.0100	UD
179601-23-1	Xylene P,M	10	0.0200	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0231	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0256	102	70 - 130	
Dibromofluoromethane	0.02500	0.0239	96	70 - 130	
Toluene-d8	0.02500	0.0260	104	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002155-01RE1	File ID:	M338426.D
Sampled:	02/12/10 11:55	Prepared:	02/16/10 08:00	Analyzed:	02/16/10 18:46
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3398726	11.96	3456429	11.95	
Chlorobenzene-d5	2635476	17.24	2453040	17.24	
1,4-Dichlorobenzene-D4	1071038	21.6	1009864	21.6	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC Dup

Laboratory: ESS Laboratory SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Matrix: Ground Water Laboratory ID: 1002155-02 File ID: M338421.D

Sampled: 02/12/10 11:55 Prepared: 02/16/10 08:00 Analyzed: 02/16/10 16:06

Solids: Preparation: 5030B Initial/Final: 10 ml / 10 ml

Batch: CB01621 Sequence: CTB0117 Calibration: 1002006 Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0003	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0012	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC Dup

Laboratory: ESS Laboratory SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Matrix: Ground Water Laboratory ID: 1002155-02 File ID: M338421.D

Sampled: 02/12/10 11:55 Prepared: 02/16/10 08:00 Analyzed: 02/16/10 16:06

Solids: Preparation: 5030B Initial/Final: 10 ml / 10 ml

Batch: CB01621 Sequence: CTB0117 Calibration: 1002006 Instrument: VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0010	U
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0169	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0172	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0004	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	10	0.257	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0003	J
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0245	98	70 - 130	
4-Bromofluorobenzene	0.02500	0.0255	102	70 - 130	
Dibromofluoromethane	0.02500	0.0243	97	70 - 130	
Toluene-d8	0.02500	0.0256	102	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC Dup

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002155-02	File ID:	M338421.D
Sampled:	02/12/10 11:55	Prepared:	02/16/10 08:00	Analyzed:	02/16/10 16:06
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3355989	11.97	3456429	11.95	
Chlorobenzene-d5	2623838	17.25	2453040	17.24	
1,4-Dichlorobenzene-D4	1061793	21.6	1009864	21.6	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC Dup

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002155-02RE1	File ID:	M338427.D
Sampled:	02/12/10 11:55	Prepared:	02/16/10 08:00	Analyzed:	02/16/10 19:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	0.0100	UD
71-55-6	1,1,1-Trichloroethane	10	0.0100	UD
79-34-5	1,1,2,2-Tetrachloroethane	10	0.0050	UD
79-00-5	1,1,2-Trichloroethane	10	0.0100	UD
75-34-3	1,1-Dichloroethane	10	0.0100	UD
75-35-4	1,1-Dichloroethene	10	0.0100	UD
563-58-6	1,1-Dichloropropene	10	0.0200	UD
87-61-6	1,2,3-Trichlorobenzene	10	0.0100	UD
96-18-4	1,2,3-Trichloropropane	10	0.0100	UD
120-82-1	1,2,4-Trichlorobenzene	10	0.0100	UD
95-63-6	1,2,4-Trimethylbenzene	10	0.0100	UD
96-12-8	1,2-Dibromo-3-Chloropropane	10	0.0500	UD
106-93-4	1,2-Dibromoethane	10	0.0100	UD
95-50-1	1,2-Dichlorobenzene	10	0.0100	UD
107-06-2	1,2-Dichloroethane	10	0.0100	UD
78-87-5	1,2-Dichloropropane	10	0.0100	UD
108-67-8	1,3,5-Trimethylbenzene	10	0.0100	UD
541-73-1	1,3-Dichlorobenzene	10	0.0100	UD
142-28-9	1,3-Dichloropropane	10	0.0100	UD
106-46-7	1,4-Dichlorobenzene	10	0.0100	UD
123-91-1	1,4-Dioxane - Screen	10	5.00	UD
544-10-5	1-Chlorohexane	10	0.0100	UD
594-20-7	2,2-Dichloropropane	10	0.0100	UD
78-93-3	2-Butanone	10	0.250	UD
95-49-8	2-Chlorotoluene	10	0.0100	UD
591-78-6	2-Hexanone	10	0.100	UD
106-43-4	4-Chlorotoluene	10	0.0100	UD
99-87-6	4-Isopropyltoluene	10	0.0100	UD
108-10-1	4-Methyl-2-Pentanone	10	0.250	UD
67-64-1	Acetone	10	0.250	UD
71-43-2	Benzene	10	0.0100	UD
108-86-1	Bromobenzene	10	0.0200	UD
74-97-5	Bromochloromethane	10	0.0100	UD
75-27-4	Bromodichloromethane	10	0.0060	UD
75-25-2	Bromoform	10	0.0100	UD
74-83-9	Bromomethane	10	0.0200	UD
75-15-0	Carbon Disulfide	10	0.0100	UD
56-23-5	Carbon Tetrachloride	10	0.0100	UD
108-90-7	Chlorobenzene	10	0.0100	UD
75-00-3	Chloroethane	10	0.0200	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC Dup

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002155-02RE1	File ID:	M338427.D
Sampled:	02/12/10 11:55	Prepared:	02/16/10 08:00	Analyzed:	02/16/10 19:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	10	0.0100	UD
74-87-3	Chloromethane	10	0.0200	UD
156-59-2	cis-1,2-Dichloroethene	10	0.0196	D
10061-01-5	cis-1,3-Dichloropropene	10	0.0040	UD
124-48-1	Dibromochloromethane	10	0.0100	UD
74-95-3	Dibromomethane	10	0.0100	UD
75-71-8	Dichlorodifluoromethane	10	0.0200	UD
60-29-7	Diethyl Ether	10	0.0100	UD
108-20-3	Di-isopropyl ether	10	0.0100	UD
637-92-3	Ethyl tertiary-butyl ether	10	0.0100	UD
100-41-4	Ethylbenzene	10	0.0100	UD
87-68-3	Hexachlorobutadiene	10	0.0060	UD
67-72-1	Hexachloroethane	10	0.0100	UD
98-82-8	Isopropylbenzene	10	0.0100	UD
1634-04-4	Methyl tert-Butyl Ether	10	0.0100	UD
75-09-2	Methylene Chloride	10	0.0400	UD
91-20-3	Naphthalene	10	0.0100	UD
104-51-8	n-Butylbenzene	10	0.0100	UD
103-65-1	n-Propylbenzene	10	0.0100	UD
135-98-8	sec-Butylbenzene	10	0.0100	UD
100-42-5	Styrene	10	0.0100	UD
98-06-6	tert-Butylbenzene	10	0.0100	UD
994-05-8	Tertiary-amyl methyl ether	10	0.0100	UD
127-18-4	Tetrachloroethene	10	0.0220	D
109-99-9	Tetrahydrofuran	10	0.0500	UD
108-88-3	Toluene	10	0.0100	UD
156-60-5	trans-1,2-Dichloroethene	10	0.0100	UD
10061-02-6	trans-1,3-Dichloropropene	10	0.0040	UD
79-01-6	Trichloroethene	10	0.257	D
75-69-4	Trichlorofluoromethane	10	0.0100	UD
108-05-4	Vinyl Acetate	10	0.0500	UD
75-01-4	Vinyl Chloride	10	0.0100	UD
95-47-6	Xylene O	10	0.0100	UD
179601-23-1	Xylene P,M	10	0.0200	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0245	98	70 - 130	
4-Bromofluorobenzene	0.02500	0.0256	103	70 - 130	
Dibromofluoromethane	0.02500	0.0245	98	70 - 130	
Toluene-d8	0.02500	0.0258	103	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWC Dup

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002155-02RE1	File ID:	M338427.D
Sampled:	02/12/10 11:55	Prepared:	02/16/10 08:00	Analyzed:	02/16/10 19:18
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3445686	11.96	3456429	11.95	
Chlorobenzene-d5	2684029	17.24	2453040	17.24	
1,4-Dichlorobenzene-D4	1111353	21.6	1009864	21.6	

* Values outside of QC limits

VOA
Quality Control Data

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Batch: CB01621 Batch Matrix: Aqueous Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
~~GWMWC~~	~~1002155-01~~	~~M338426.D~~	~~02/16/10 08:00~~	~~Data Package - J Flag~~
GWMWC	1002155-01	M338420.D	02/16/10 08:00	Data Package - J Flag
GWMWC	1002155-01RE1	M338426.D	02/16/10 08:00	Data Package - J Flag
~~GWMWC Dup~~	~~1002155-02~~	~~M338427.D~~	~~02/16/10 08:00~~	~~Data Package - J Flag~~
GWMWC Dup	1002155-02	M338421.D	02/16/10 08:00	Data Package - J Flag
GWMWC Dup	1002155-02RE1	M338427.D	02/16/10 08:00	Data Package - J Flag
Blank	CB01621-BLK1	M338416.D	02/16/10 08:00	
LCS	CB01621-BS1	M338412.D	02/16/10 08:00	
LCS Dup	CB01621-BSD1	M338413.D	02/16/10 08:00	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CB01621-BLK1	File ID:	M338416.D
Prepared:	02/16/10 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	02/16/10 12:54	Instrument:	VOA MS3		
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CB01621-BLK1	File ID:	M338416.D
Prepared:	02/16/10 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	02/16/10 12:54	Instrument:	VOA MS3		
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0004	J
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CB01621-BLK1	File ID:	M338416.D
Prepared:	02/16/10 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	02/16/10 12:54	Instrument:	VOA MS3		
Batch:	CB01621	Sequence:	CTB0117	Calibration:	1002006

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0239	96	70 - 130	
4-Bromofluorobenzene	0.02500	0.0258	103	70 - 130	
Dibromofluoromethane	0.02500	0.0243	97	70 - 130	
Toluene-d8	0.02500	0.0257	103	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3438820	11.95	3456429	11.95	
Chlorobenzene-d5	2655248	17.25	2453040	17.24	
1,4-Dichlorobenzene-D4	1080384	21.6	1009864	21.6	

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01621
Laboratory ID: CB01621-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	8.80	88	70 - 130
1,1,1-Trichloroethane	10.00	9.79	98	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.14	91	70 - 130
1,1,2-Trichloroethane	10.00	9.64	96	70 - 130
1,1-Dichloroethane	10.00	9.76	98	70 - 130
1,1-Dichloroethene	10.00	9.97	100	70 - 130
1,1-Dichloropropene	10.00	9.57	96	70 - 130
1,2,3-Trichlorobenzene	10.00	11.8	118	70 - 130
1,2,3-Trichloropropane	10.00	9.03	90	70 - 130
1,2,4-Trichlorobenzene	10.00	11.0	110	70 - 130
1,2,4-Trimethylbenzene	10.00	9.84	98	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	9.45	94	70 - 130
1,2-Dibromoethane	10.00	8.87	89	70 - 130
1,2-Dichlorobenzene	10.00	9.98	100	70 - 130
1,2-Dichloroethane	10.00	9.44	94	70 - 130
1,2-Dichloropropane	10.00	9.49	95	70 - 130
1,3,5-Trimethylbenzene	10.00	9.77	98	70 - 130
1,3-Dichlorobenzene	10.00	9.68	97	70 - 130
1,3-Dichloropropane	10.00	8.72	87	70 - 130
1,4-Dichlorobenzene	10.00	9.55	96	70 - 130
1,4-Dioxane - Screen	200.0	626	313	0 - 332
1-Chlorohexane	10.00	9.33	93	70 - 130
2,2-Dichloropropane	10.00	9.95	100	70 - 130
2-Butanone	50.00	49.0	98	70 - 130
2-Chlorotoluene	10.00	9.65	96	70 - 130
2-Hexanone	50.00	43.6	87	70 - 130
4-Chlorotoluene	10.00	9.54	95	70 - 130
4-Isopropyltoluene	10.00	9.89	99	70 - 130
4-Methyl-2-Pentanone	50.00	48.3	97	70 - 130
Acetone	50.00	45.2	90	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01621
Laboratory ID: CB01621-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.83	98	70 - 130
Bromobenzene	10.00	9.92	99	70 - 130
Bromochloromethane	10.00	9.46	95	70 - 130
Bromodichloromethane	10.00	9.57	96	70 - 130
Bromoform	10.00	9.34	93	70 - 130
Bromomethane	10.00	10.8	108	70 - 130
Carbon Disulfide	10.00	11.8	118	70 - 130
Carbon Tetrachloride	10.00	9.56	96	70 - 130
Chlorobenzene	10.00	8.67	87	70 - 130
Chloroethane	10.00	10.6	106	70 - 130
Chloroform	10.00	9.51	95	70 - 130
Chloromethane	10.00	10.1	101	70 - 130
cis-1,2-Dichloroethene	10.00	9.94	99	70 - 130
cis-1,3-Dichloropropene	10.00	9.95	100	70 - 130
Dibromochloromethane	10.00	8.55	86	70 - 130
Dibromomethane	10.00	9.22	92	70 - 130
Dichlorodifluoromethane	10.00	9.01	90	70 - 130
Diethyl Ether	10.00	10.1	101	70 - 130
Di-isopropyl ether	10.00	10.4	104	70 - 130
Ethyl tertiary-butyl ether	10.00	9.69	97	70 - 130
Ethylbenzene	10.00	8.95	90	70 - 130
Hexachlorobutadiene	10.00	10.7	107	70 - 130
Hexachloroethane	10.00	10.5	105	70 - 130
Isopropylbenzene	10.00	8.36	84	70 - 130
Methyl tert-Butyl Ether	10.00	9.84	98	70 - 130
Methylene Chloride	10.00	10.8	108	70 - 130
Naphthalene	10.00	10.7	107	70 - 130
n-Butylbenzene	10.00	10.6	106	70 - 130
n-Propylbenzene	10.00	9.68	97	70 - 130
sec-Butylbenzene	10.00	10.3	103	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01621
Laboratory ID: CB01621-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	8.85	88	70 - 130
tert-Butylbenzene	10.00	9.84	98	70 - 130
Tertiary-amyl methyl ether	10.00	10.2	102	70 - 130
Tetrachloroethene	10.00	8.50	85	70 - 130
Tetrahydrofuran	10.00	12.0	120	70 - 130
Toluene	10.00	10.0	100	70 - 130
trans-1,2-Dichloroethene	10.00	10.6	106	70 - 130
trans-1,3-Dichloropropene	10.00	8.90	89	70 - 130
Trichloroethene	10.00	9.87	99	70 - 130
Trichlorofluoromethane	10.00	8.37	84	70 - 130
Vinyl Acetate	10.00	9.89	99	70 - 130
Vinyl Chloride	10.00	9.65	96	70 - 130
Xylene O	10.00	9.06	91	70 - 130
Xylene P,M	20.00	18.1	91	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.28	93	5	25	70 - 130
1,1,1-Trichloroethane	10.00	9.34	93	5	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.02	90	1	25	70 - 130
1,1,2-Trichloroethane	10.00	9.25	92	4	25	70 - 130
1,1-Dichloroethane	10.00	9.36	94	4	25	70 - 130
1,1-Dichloroethene	10.00	9.91	99	0.6	25	70 - 130
1,1-Dichloropropene	10.00	9.28	93	3	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.5	105	12	25	70 - 130
1,2,3-Trichloropropane	10.00	9.12	91	1	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.44	94	15	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.19	92	7	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	8.38	84	12	25	70 - 130
1,2-Dibromoethane	10.00	9.69	97	9	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01621
Laboratory ID: CB01621-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.57	96	4	25	70 - 130
1,2-Dichloroethane	10.00	9.20	92	3	25	70 - 130
1,2-Dichloropropane	10.00	9.28	93	2	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.47	95	3	25	70 - 130
1,3-Dichlorobenzene	10.00	9.25	92	5	25	70 - 130
1,3-Dichloropropane	10.00	9.25	92	6	25	70 - 130
1,4-Dichlorobenzene	10.00	9.11	91	5	25	70 - 130
1,4-Dioxane - Screen	200.0	357	178	55	200	0 - 332
1-Chlorohexane	10.00	10.0	100	7	25	70 - 130
2,2-Dichloropropane	10.00	9.29	93	7	25	70 - 130
2-Butanone	50.00	44.0	88	11	25	70 - 130
2-Chlorotoluene	10.00	9.34	93	3	25	70 - 130
2-Hexanone	50.00	45.8	92	5	25	70 - 130
4-Chlorotoluene	10.00	9.32	93	2	25	70 - 130
4-Isopropyltoluene	10.00	9.19	92	7	25	70 - 130
4-Methyl-2-Pentanone	50.00	47.8	96	1	25	70 - 130
Acetone	50.00	44.4	89	2	25	70 - 130
Benzene	10.00	9.31	93	5	25	70 - 130
Bromobenzene	10.00	9.51	95	4	25	70 - 130
Bromochloromethane	10.00	9.32	93	1	25	70 - 130
Bromodichloromethane	10.00	9.28	93	3	25	70 - 130
Bromoform	10.00	9.83	98	5	25	70 - 130
Bromomethane	10.00	10.7	107	0.9	25	70 - 130
Carbon Disulfide	10.00	11.4	114	4	25	70 - 130
Carbon Tetrachloride	10.00	9.18	92	4	25	70 - 130
Chlorobenzene	10.00	9.44	94	9	25	70 - 130
Chloroethane	10.00	9.76	98	8	25	70 - 130
Chloroform	10.00	9.19	92	3	25	70 - 130
Chloromethane	10.00	9.52	95	6	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.45	94	5	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01621
Laboratory ID: CB01621-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.50	95	5	25	70 - 130
Dibromochloromethane	10.00	9.44	94	10	25	70 - 130
Dibromomethane	10.00	8.90	89	4	25	70 - 130
Dichlorodifluoromethane	10.00	8.71	87	3	25	70 - 130
Diethyl Ether	10.00	10.0	100	0.4	25	70 - 130
Di-isopropyl ether	10.00	10.1	101	3	25	70 - 130
Ethyl tertiary-butyl ether	10.00	9.47	95	2	25	70 - 130
Ethylbenzene	10.00	9.63	96	7	25	70 - 130
Hexachlorobutadiene	10.00	10.1	101	6	25	70 - 130
Hexachloroethane	10.00	9.84	98	7	25	70 - 130
Isopropylbenzene	10.00	8.09	81	3	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.77	98	0.7	25	70 - 130
Methylene Chloride	10.00	10.4	104	4	25	70 - 130
Naphthalene	10.00	9.64	96	11	25	70 - 130
n-Butylbenzene	10.00	9.81	98	8	25	70 - 130
n-Propylbenzene	10.00	9.27	93	4	25	70 - 130
sec-Butylbenzene	10.00	9.70	97	6	25	70 - 130
Styrene	10.00	9.40	94	6	25	70 - 130
tert-Butylbenzene	10.00	9.60	96	2	25	70 - 130
Tertiary-amyl methyl ether	10.00	9.80	98	4	25	70 - 130
Tetrachloroethene	10.00	9.28	93	9	25	70 - 130
Tetrahydrofuran	10.00	12.3	123	3	25	70 - 130
Toluene	10.00	9.47	95	6	25	70 - 130
trans-1,2-Dichloroethene	10.00	10.0	100	5	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.66	87	3	25	70 - 130
Trichloroethene	10.00	9.09	91	8	25	70 - 130
Trichlorofluoromethane	10.00	8.03	80	4	25	70 - 130
Vinyl Acetate	10.00	9.51	95	4	25	70 - 130
Vinyl Chloride	10.00	9.25	92	4	25	70 - 130
Xylene O	10.00	9.61	96	6	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CB01621	Laboratory ID:	CB01621-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	19.8	99	9	25	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

VOA
Calibration Data

ANALYSIS BATCH (SEQUENCE) SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTB0086-TUN1	M338362.D	02/10/10 09:32
Cal Standard	CTB0086-CAL1	M338363.D	02/10/10 10:04
Cal Standard	CTB0086-CAL2	M338364.D	02/10/10 10:36
Cal Standard	CTB0086-CAL3	M338365.D	02/10/10 11:08
Cal Standard	CTB0086-CAL4	M338366.D	02/10/10 11:40
Cal Standard	CTB0086-CAL5	M338367.D	02/10/10 12:12
Cal Standard	CTB0086-CAL6	M338368.D	02/10/10 12:44
Cal Standard	CTB0086-CAL7	M338369.D	02/10/10 13:16
Secondary Cal Check	CTB0086-SCV1	M338372.D	02/10/10 14:52

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0117	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTB0117-TUN1	M338410.D	02/16/10 09:43
Calibration Check	CTB0117-CCV1	M338411.D	02/16/10 10:15
LCS	CB01621-BS1	M338412.D	02/16/10 10:47
LCS Dup	CB01621-BSD1	M338413.D	02/16/10 11:19
Blank	CB01621-BLK1	M338416.D	02/16/10 12:54
~~GWMWC~~	~~1002155-01~~	~~M338426.D~~	~~02/16/10 15:34~~
GWMWC	1002155-01	M338420.D	02/16/10 15:34
~~GWMWC Dup~~	~~1002155-02~~	~~M338427.D~~	~~02/16/10 16:06~~
GWMWC Dup	1002155-02	M338421.D	02/16/10 16:06
GWMWC	1002155-01RE1	M338426.D	02/16/10 18:46
GWMWC Dup	1002155-02RE1	M338427.D	02/16/10 19:18

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M338410.D	Injection Date:	02/16/10
Instrument ID:	VOA MS3	Injection Time:	09:43
Sequence:	CTB0117	Lab Sample ID:	CTB0117-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.3	PASS
75	30 - 60% of 95	38.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.41	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	73.2	PASS
175	5 - 9% of 174	7.92	PASS
176	95 - 101% of 174	95.5	PASS
177	5 - 9% of 176	7.13	PASS

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1002006
Lab File ID:	M338411.D	Calibration Date:	02/10/10 00:00
Sequence:	CTB0117	Injection Date:	02/16/10
Lab Sample ID:	CTB0117-CCV1	Injection Time:	10:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	25.00	25.9	0.3120783	0.3230543		3.5	30	
1,1,1-Trichloroethane	A	25.00	24.9	0.2753986	0.273826		-0.6	30	
1,1,2,2-Tetrachloroethane	A	25.00	24.1	0.7214373	0.6960383	0.3	-3.5	30	
1,1,2-Trichloroethane	A	25.00	24.8	0.1604689	0.1591819		-0.8	30	
1,1-Dichloroethane	A	25.00	24.2	0.4193913	0.4056221	0.1	-3.3	30	
1,1-Dichloroethene	A	25.00	24.5	0.2229362	0.218494		-2.0	20	
1,1-Dichloropropene	A	25.00	25.7	0.2811948	0.2886407		2.6	30	
1,2,3-Trichlorobenzene	A	25.00	23.6	0.5699959	0.53832		-5.6	30	
1,2,3-Trichloropropane	A	25.00	23.3	0.4511024	0.4197625		-6.9	30	
1,2,4-Trichlorobenzene	A	25.00	24.4	0.7186594	0.7019173		-2.3	30	
1,2,4-Trimethylbenzene	A	25.00	26.6	1.961172	2.082457		6.2	30	
1,2-Dibromo-3-Chloropropane	A	25.00	26.2	6.969343E-02	6.267379E-02		5.0	30	
1,2-Dibromoethane	A	25.00	26.0	0.2778377	0.2895497		4.2	30	
1,2-Dichlorobenzene	A	25.00	24.8	1.369686	1.357753		-0.9	30	
1,2-Dichloroethane	A	25.00	24.1	0.2119049	0.2046204		-3.4	30	
1,2-Dichloropropane	A	25.00	24.4	0.2601485	0.2535093		-2.6	20	
1,3,5-Trimethylbenzene	A	25.00	26.4	1.80801	1.909333		5.6	30	
1,3-Dichlorobenzene	A	25.00	24.5	1.435529	1.408825		-1.9	30	
1,3-Dichloropropane	A	25.00	25.0	0.3956504	0.3961807		0.1	30	
1,4-Dichlorobenzene	A	25.00	24.1	1.592483	1.534322		-3.7	30	
1,4-Dioxane - Screen	L	500.0	265	4.714765E-04	2.320458E-04		-46.9	30	*
1-Chlorohexane	A	25.00	26.1	0.271398	0.2830859		4.3	30	
2,2-Dichloropropane	A	25.00	26.0	0.2226597	0.2318132		4.1	30	
2-Butanone	A	125.0	124	1.120926E-02	1.109538E-02		-1.0	30	
2-Chlorotoluene	A	25.00	24.7	1.757068	1.734696		-1.3	30	
2-Hexanone	A	125.0	130	0.1266346	0.1315948		3.9	30	
4-Chlorotoluene	A	25.00	25.2	1.831548	1.845794		0.8	30	
4-Isopropyltoluene	A	25.00	25.9	1.870716	1.938177		3.6	30	
4-Methyl-2-Pentanone	A	125.0	129	4.936177E-02	5.099859E-02		3.3	30	

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1002006
Lab File ID:	M338411.D	Calibration Date:	02/10/10 00:00
Sequence:	CTB0117	Injection Date:	02/16/10
Lab Sample ID:	CTB0117-CCV1	Injection Time:	10:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	121	9.291628E-03	8.998651E-03		-3.2	30
Benzene	A	25.00	23.9	0.9476319	0.9075288		-4.2	30
Bromobenzene	A	25.00	25.4	0.9512868	0.9660954		1.6	30
Bromochloromethane	A	25.00	24.5	0.1658645	0.1628452		-1.8	30
Bromodichloromethane	A	25.00	25.0	0.2745184	0.2738239		-0.3	30
Bromoform	L	25.00	24.6	0.184303	0.2047276	0.1	-1.5	30
Bromomethane	A	25.00	26.4	0.1710547	0.1803642		5.4	30
Carbon Disulfide	A	25.00	25.7	0.6830948	0.7026906		2.9	30
Carbon Tetrachloride	A	25.00	24.9	0.2501299	0.2489786		-0.5	30
Chlorobenzene	A	25.00	24.6	0.9603782	0.9455932	0.3	-1.5	30
Chloroethane	A	25.00	23.7	0.1180783	0.1117885		-5.3	30
Chloroform	A	25.00	23.4	0.4072841	0.381168		-6.4	20
Chloromethane	A	25.00	23.4	0.2631007	0.2462663	0.1	-6.4	30
cis-1,2-Dichloroethene	A	25.00	23.2	0.2963705	0.2755653		-7.0	30
cis-1,3-Dichloropropene	A	25.00	27.2	0.2952112	0.3208482		8.7	30
Dibromochloromethane	A	25.00	27.0	0.3251666	0.3517594		8.2	30
Dibromomethane	A	25.00	24.3	0.1638318	0.1593295		-2.7	30
Dichlorodifluoromethane	A	25.00	22.8	0.2180486	0.1990146		-8.7	30
Diethyl Ether	A	25.00	25.1	0.1417369	0.1420709		0.2	30
Di-isopropyl ether	A	25.00	25.2	0.8614585	0.8675604		0.7	30
Ethyl tertiary-butyl ether	A	25.00	25.0	0.5558933	0.5551658		-0.1	30
Ethylbenzene	A	25.00	25.9	1.19289	1.23623		3.6	20
Hexachlorobutadiene	A	25.00	24.9	0.309749	0.3088753		-0.3	30
Hexachloroethane	A	25.00	26.5	0.3559902	0.3772488		6.0	30
Isopropylbenzene	A	25.00	25.3	2.371764	2.404319		1.4	30
Methyl tert-Butyl Ether	A	25.00	25.6	0.3587102	0.3680637		2.6	30
Methylene Chloride	A	25.00	23.7	0.2849471	0.2696728		-5.4	30
Naphthalene	A	25.00	24.5	1.217804	1.192		-2.1	30
n-Butylbenzene	A	25.00	25.9	1.522413	1.574771		3.4	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1002006
Lab File ID:	M338411.D	Calibration Date:	02/10/10 00:00
Sequence:	CTB0117	Injection Date:	02/16/10
Lab Sample ID:	CTB0117-CCV1	Injection Time:	10:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	26.2	2.493017	2.60728		4.6	30
sec-Butylbenzene	A	25.00	25.2	2.155214	2.173521		0.8	30
Styrene	A	25.00	26.6	0.8290823	0.8815694		6.3	30
tert-Butylbenzene	A	25.00	25.9	1.492161	1.546448		3.6	30
Tertiary-amyl methyl ether	A	25.00	25.1	0.4216762	0.4230644		0.3	30
Tetrachloroethene	A	25.00	25.0	0.264868	0.2644702		-0.2	30
Tetrahydrofuran	A	25.00	23.0	3.685365E-02	3.388902E-02		-8.0	30
Toluene	A	25.00	24.9	0.5712625	0.569469		-0.3	20
trans-1,2-Dichloroethene	A	25.00	24.5	0.2638157	0.2581563		-2.1	30
trans-1,3-Dichloropropene	L	25.00	23.4	0.2071578	0.2291345		-6.6	30
Trichloroethene	A	25.00	24.5	0.2631906	0.2576978		-2.1	30
Trichlorofluoromethane	A	25.00	24.0	0.3361961	0.3220165		-4.2	30
Vinyl Acetate	A	25.00	23.4	0.3971196	0.3747362		-5.6	30
Vinyl Chloride	A	25.00	23.8	0.2186623	0.2082945		-4.7	20
Xylene O	A	25.00	26.2	0.4894909	0.5129598		4.8	30
Xylene P,M	A	50.00	52.9	0.4807123	0.5087877		5.8	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Cal Standard (CTB0086-CAL1)				Lab File ID: M338363.D		Analyzed: 02/10/10 10:04		
1,2-Dichloroethane-d4	0.4000	138		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	0.4000	182		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	0.4000	138		10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.4000	115		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL2)				Lab File ID: M338364.D		Analyzed: 02/10/10 10:36		
1,2-Dichloroethane-d4	1.000	112		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	1.000	95		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	1.000	106		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	1.000	95		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL3)				Lab File ID: M338365.D		Analyzed: 02/10/10 11:08		
1,2-Dichloroethane-d4	5.000	112		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	5.000	105		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	5.000	111		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	5.000	102		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL4)				Lab File ID: M338366.D		Analyzed: 02/10/10 11:40		
1,2-Dichloroethane-d4	10.00	105		10.72	10.71667	0.0033	+/-1.0	
4-Bromofluorobenzene	10.00	106		19.44	19.44833	-0.0083	+/-1.0	
Dibromofluoromethane	10.00	108		10.02	10.01333	0.0067	+/-1.0	
Toluene-d8	10.00	102		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL5)				Lab File ID: M338367.D		Analyzed: 02/10/10 12:12		
1,2-Dichloroethane-d4	25.00	108		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	25.00	111		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	25.00	113		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	25.00	109		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL6)				Lab File ID: M338368.D		Analyzed: 02/10/10 12:44		
1,2-Dichloroethane-d4	50.00	107		10.72	10.71667	0.0033	+/-1.0	
4-Bromofluorobenzene	50.00	112		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	50.00	113		10.02	10.01333	0.0067	+/-1.0	
Toluene-d8	50.00	110		14.89	14.88167	0.0083	+/-1.0	
Cal Standard (CTB0086-CAL7)				Lab File ID: M338369.D		Analyzed: 02/10/10 13:16		
1,2-Dichloroethane-d4	100.0	111		10.73	10.71667	0.0133	+/-1.0	
4-Bromofluorobenzene	100.0	118		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	100.0	116		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	100.0	115		14.88	14.88167	-0.0017	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0117	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (CTB0117-CCV1)				Lab File ID: M338411.D		Analyzed: 02/16/10 10:15		
1,2-Dichloroethane-d4	25.00	94	0 - 200	10.7	10.71667	-0.0167	+/-1.0	
4-Bromofluorobenzene	25.00	103	0 - 200	19.44	19.44833	-0.0083	+/-1.0	
Dibromofluoromethane	25.00	98	0 - 200	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	25.00	102	0 - 200	14.87	14.88167	-0.0117	+/-1.0	
LCS (CB01621-BS1)				Lab File ID: M338412.D		Analyzed: 02/16/10 10:47		
1,2-Dichloroethane-d4	0.02500	100	70 - 130	10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	0.02500	96	70 - 130	19.43	19.44833	-0.0183	+/-1.0	
Dibromofluoromethane	0.02500	104	70 - 130	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.02500	97	70 - 130	14.86	14.88167	-0.0217	+/-1.0	
LCS Dup (CB01621-BSD1)				Lab File ID: M338413.D		Analyzed: 02/16/10 11:19		
1,2-Dichloroethane-d4	0.02500	100	70 - 130	10.7	10.71667	-0.0167	+/-1.0	
4-Bromofluorobenzene	0.02500	107	70 - 130	19.44	19.44833	-0.0083	+/-1.0	
Dibromofluoromethane	0.02500	103	70 - 130	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.02500	108	70 - 130	14.87	14.88167	-0.0117	+/-1.0	
Blank (CB01621-BLK1)				Lab File ID: M338416.D		Analyzed: 02/16/10 12:54		
1,2-Dichloroethane-d4	0.02500	96	70 - 130	10.72	10.71667	0.0033	+/-1.0	
4-Bromofluorobenzene	0.02500	103	70 - 130	19.44	19.44833	-0.0083	+/-1.0	
Dibromofluoromethane	0.02500	97	70 - 130	10.02	10.01333	0.0067	+/-1.0	
Toluene-d8	0.02500	103	70 - 130	14.89	14.88167	0.0083	+/-1.0	
GWMWC (1002155-01)				Lab File ID: M338420.D		Analyzed: 02/16/10 15:34		
1,2-Dichloroethane-d4	0.02500	98	70 - 130	10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	0.02500	101	70 - 130	19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	0.02500	97	70 - 130	10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	0.02500	104	70 - 130	14.88	14.88167	-0.0017	+/-1.0	
GWMWC Dup (1002155-02)				Lab File ID: M338421.D		Analyzed: 02/16/10 16:06		
1,2-Dichloroethane-d4	0.02500	98	70 - 130	10.72	10.71667	0.0033	+/-1.0	
4-Bromofluorobenzene	0.02500	102	70 - 130	19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	0.02500	97	70 - 130	10.02	10.01333	0.0067	+/-1.0	
Toluene-d8	0.02500	102	70 - 130	14.89	14.88167	0.0083	+/-1.0	
GWMWC (1002155-01RE1)				Lab File ID: M338426.D		Analyzed: 02/16/10 18:46		
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	0.02500	102	70 - 130	19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	0.02500	96	70 - 130	10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	0.02500	104	70 - 130	14.88	14.88167	-0.0017	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0117	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Surrogate Compound	Spike Level mg/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
GWMWC Dup (1002155-02RE1)				Lab File ID: M338427.D		Analyzed: 02/16/10 19:18		
1,2-Dichloroethane-d4	0.02500	98	70 - 130	10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	0.02500	103	70 - 130	19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	0.02500	98	70 - 130	10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	0.02500	103	70 - 130	14.88	14.88167	-0.0017	+/-1.0	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (CTB0086-CAL1)			Lab File ID: M338363.D			Analyzed: 02/10/10 10:04			
Fluorobenzene	3172394	11.95	3286678	11.95	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2312427	17.25	2474263	17.25	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	935309	21.59	958807	21.59	98	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL2)			Lab File ID: M338364.D			Analyzed: 02/10/10 10:36			
Fluorobenzene	3307092	11.95	3286678	11.95	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2404650	17.25	2474263	17.25	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	961445	21.59	958807	21.59	100	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL3)			Lab File ID: M338365.D			Analyzed: 02/10/10 11:08			
Fluorobenzene	3286678	11.95	3286678	11.95	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2474263	17.25	2474263	17.25	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	958807	21.59	958807	21.59	100	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL4)			Lab File ID: M338366.D			Analyzed: 02/10/10 11:40			
Fluorobenzene	3278359	11.95	3286678	11.95	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2392974	17.25	2474263	17.25	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	978242	21.59	958807	21.59	102	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL5)			Lab File ID: M338367.D			Analyzed: 02/10/10 12:12			
Fluorobenzene	3411728	11.96	3286678	11.95	104	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2477916	17.25	2474263	17.25	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1002889	21.61	958807	21.59	105	50 - 200	0.0200	+/-0.50	
Cal Standard (CTB0086-CAL6)			Lab File ID: M338368.D			Analyzed: 02/10/10 12:44			
Fluorobenzene	3445968	11.97	3286678	11.95	105	50 - 200	0.0200	+/-0.50	
Chlorobenzene-d5	2516598	17.25	2474263	17.25	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1026442	21.6	958807	21.59	107	50 - 200	0.0100	+/-0.50	
Cal Standard (CTB0086-CAL7)			Lab File ID: M338369.D			Analyzed: 02/10/10 13:16			
Fluorobenzene	3692845	11.96	3286678	11.95	112	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2636156	17.26	2474263	17.25	107	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	1090350	21.61	958807	21.59	114	50 - 200	0.0200	+/-0.50	
Secondary Cal Check (CTB0086-SCV1)			Lab File ID: M338372.D			Analyzed: 02/10/10 14:52			
Fluorobenzene	3231763	11.98	3286678	11.95	98	50 - 200	0.0300	+/-0.50	
Chlorobenzene-d5	2395430	17.26	2474263	17.25	97	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	966783	21.6	958807	21.59	101	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0117	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (CTB0117-CCV1)			Lab File ID: M338411.D			Analyzed: 02/16/10 10:15			
Fluorobenzene	3456429	11.95				50 - 200		+/-0.50	
Chlorobenzene-d5	2453040	17.24				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	1009864	21.6				50 - 200		+/-0.50	
LCS (CB01621-BS1)			Lab File ID: M338412.D			Analyzed: 02/16/10 10:47			
Fluorobenzene	3322037	11.95	3456429	11.95	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2696452	17.25	2453040	17.24	110	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	992401	21.59	1009864	21.6	98	50 - 200	-0.0100	+/-0.50	
LCS Dup (CB01621-BSD1)			Lab File ID: M338413.D			Analyzed: 02/16/10 11:19			
Fluorobenzene	3399689	11.95	3456429	11.95	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2457211	17.24	2453040	17.24	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1008068	21.6	1009864	21.6	100	50 - 200	0.0000	+/-0.50	
Blank (CB01621-BLK1)			Lab File ID: M338416.D			Analyzed: 02/16/10 12:54			
Fluorobenzene	3438820	11.95	3456429	11.95	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2655248	17.25	2453040	17.24	108	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	1080384	21.6	1009864	21.6	107	50 - 200	0.0000	+/-0.50	
GWMWC (1002155-01)			Lab File ID: M338420.D			Analyzed: 02/16/10 15:34			
Fluorobenzene	3386638	11.96	3456429	11.95	98	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2616143	17.25	2453040	17.24	107	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	1072509	21.61	1009864	21.6	106	50 - 200	0.0100	+/-0.50	
GWMWC Dup (1002155-02)			Lab File ID: M338421.D			Analyzed: 02/16/10 16:06			
Fluorobenzene	3355989	11.97	3456429	11.95	97	50 - 200	0.0200	+/-0.50	
Chlorobenzene-d5	2623838	17.25	2453040	17.24	107	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	1061793	21.6	1009864	21.6	105	50 - 200	0.0000	+/-0.50	
GWMWC (1002155-01RE1)			Lab File ID: M338426.D			Analyzed: 02/16/10 18:46			
Fluorobenzene	3398726	11.96	3456429	11.95	98	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2635476	17.24	2453040	17.24	107	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1071038	21.6	1009864	21.6	106	50 - 200	0.0000	+/-0.50	
GWMWC Dup (1002155-02RE1)			Lab File ID: M338427.D			Analyzed: 02/16/10 19:18			
Fluorobenzene	3445686	11.96	3456429	11.95	100	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2684029	17.24	2453040	17.24	109	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1111353	21.6	1009864	21.6	110	50 - 200	0.0000	+/-0.50	

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Calibration:	1002006		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
0B10035	8260 BFB Tune MS-3 AQ	CTB0086-TUN1	M338362.D	02/10/10 09:32
0B10036	8260 ICAL1 MS-3 AQ	CTB0086-CAL1	M338363.D	02/10/10 10:04
0B10037	8260 ICAL2 MS-3 AQ	CTB0086-CAL2	M338364.D	02/10/10 10:36
0B10038	8260 ICAL3 MS-3 AQ	CTB0086-CAL3	M338365.D	02/10/10 11:08
0B10039	8260 ICAL4 MS-3 AQ	CTB0086-CAL4	M338366.D	02/10/10 11:40
0B10040	8260 ICAL5 MS-3 AQ	CTB0086-CAL5	M338367.D	02/10/10 12:12
0B10041	8260 ICAL6 MS-3 AQ	CTB0086-CAL6	M338368.D	02/10/10 12:44
0B10042	8260 ICAL7 MS-3 AQ	CTB0086-CAL7	M338369.D	02/10/10 13:16
0B10043	8260 SCV1 MS-3 AQ	CTB0086-SCV1	M338372.D	02/10/10 14:52

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M338362.D	Injection Date:	02/10/10
Instrument ID:	VOA MS3	Injection Time:	09:32
Sequence:	CTB0086	Lab Sample ID:	CTB0086-TUN1
Calibration:	1002006		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
96	5 - 9% of 95	7.14	PASS
95	Base peak, 100% relative abundance	100	PASS
75	30 - 60% of 95	39.4	PASS
50	15 - 40% of 95	17	PASS
177	5 - 9% of 176	7.27	PASS
176	95 - 101% of 174	95.6	PASS
175	5 - 9% of 174	7.77	PASS
174	50 - 100% of 95	79.4	PASS
173	Less than 2% of 174	0	PASS

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.4	~~0.3469299~~	1	0.2967792	5	0.3001702	10	0.29306	25	0.3133827	50	0.3229711
1,1,1-Trichloroethane	0.4	~~0.2785357~~	1	0.2768747	5	0.2703368	10	0.2613617	25	0.2729356	50	0.2811669
1,1,2,2-Tetrachloroethane	0.4	0.8394953	1	0.6916412	5	0.7645126	10	0.6549479	25	0.7037858	50	0.6948434
1,1,2-Trichloroethane	0.4	~~0.1594813~~	1	0.1609571	5	0.1631891	10	0.1531223	25	0.1611547	50	0.1616386
1,1-Dichloroethane	0.4	~~0.4586639~~	1	0.434498	5	0.4123951	10	0.4016217	25	0.420996	50	0.4230908
1,1-Dichloroethene	0.4	~~0.2668332~~	1	0.2289398	5	0.2272051	10	0.2146676	25	0.21914	50	0.2229553
1,1-Dichloropropene	0.4	~~0.2877756~~	1	0.2679998	5	0.2744382	10	0.2721133	25	0.2856183	50	0.2833427
1,2,3-Trichlorobenzene	0.4	~~0.546544~~	1	0.5362761	5	0.5505905	10	0.5387777	25	0.5840248	50	0.6044146
1,2,3-Trichloropropane	0.4	~~0.4891432~~	1	0.4386886	5	0.4671482	10	0.4429988	25	0.4651133	50	0.4464329
1,2,4-Trichlorobenzene	0.4	~~0.7801566~~	1	0.6550557	5	0.7083334	10	0.6770794	25	0.7224299	50	0.7585606
1,2,4-Trimethylbenzene	0.4	~~2.060749~~	1	1.704206	5	1.928537	10	1.83438	25	2.060184	50	2.073142
1,2-Dibromo-3-Chloropropane	0.4		1	4.506238E-02	5	5.854671E-02	10	5.632042E-02	25	6.159007E-02	50	6.724881E-02
1,2-Dibromoethane	0.4	~~0.2298451~~	1	0.2417504	5	0.2685042	10	0.263979	25	0.2879807	50	0.2948445
1,2-Dichlorobenzene	0.4	~~1.602946~~	1	1.327949	5	1.414664	10	1.294386	25	1.379817	50	1.38276
1,2-Dichloroethane	0.4	~~0.2610016~~	1	0.2206621	5	0.2168223	10	0.2008085	25	0.2102442	50	0.208794
1,2-Dichloropropane	0.4	~~0.2804861~~	1	0.2545665	5	0.2639322	10	0.248982	25	0.2619969	50	0.2634599
1,3,5-Trimethylbenzene	0.4	~~1.758844~~	1	1.561686	5	1.766873	10	1.726861	25	1.864883	50	1.913991
1,3-Dichlorobenzene	0.4	~~1.698837~~	1	1.430113	5	1.458766	10	1.341256	25	1.430861	50	1.459896
1,3-Dichloropropane	0.4	~~0.4237431~~	1	0.3782359	5	0.388738	10	0.3755463	25	0.4004252	50	0.4025248
1,4-Dichlorobenzene	0.4	~~2.060616~~	1	1.675447	5	1.651354	10	1.498686	25	1.544322	50	1.567446
1,4-Dioxane - Screen	8		20		100	1.937367E-04	200	5.059315E-04	500	4.575541E-04	1000	5.784514E-04
1-Chlorohexane	0.4	~~0.3550112~~	1	0.2720146	5	0.2425369	10	0.255196	25	0.2696847	50	0.2880615
2,2-Dichloropropane	0.4	~~0.2744379~~	1	0.2240337	5	0.2150637	10	0.211207	25	0.222411	50	0.2287669
2-Butanone	2		5	~~7.033369E-03~~	25	1.017958E-02	50	0.0108385	125	1.110675E-02	250	0.0117331
2-Chlorotoluene	0.4	~~2.054~~	1	1.718585	5	1.759692	10	1.650688	25	1.761867	50	1.789088
2-Hexanone	2	~~0.1083007~~	5	0.116886	25	0.1115714	50	0.1154889	125	0.1285516	250	0.1397414
4-Chlorotoluene	0.4	~~1.921825~~	1	1.705818	5	1.822828	10	1.734182	25	1.879467	50	1.861663
4-Isopropyltoluene	0.4	~~1.851594~~	1	1.730676	5	1.798146	10	1.742831	25	1.903169	50	1.970278
4-Methyl-2-Pentanone	2	~~4.673521E-02~~	5	4.347929E-02	25	4.810785E-02	50	0.0466308	125	0.0508302	250	5.360758E-02
Acetone	2	~~1.903531E-02~~	5	1.154791E-02	25	9.427452E-03	50	8.498459E-03	125	8.763594E-03	250	8.644799E-03
Benzene	0.4	~~0.9861638~~	1	0.9621444	5	0.9482143	10	0.8964531	25	0.9321836	50	0.9595173

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	0.4	~~0.9332477~~	1	0.8689005	5	0.9747686	10	0.9057217	25	0.9685489	50	0.985101
Bromochloromethane	0.4	~~0.1912987~~	1	0.171616	5	0.170899	10	0.1631281	25	0.1624215	50	0.163311
Bromodichloromethane	0.4	~~0.2738271~~	1	0.2596239	5	0.2576918	10	0.2578569	25	0.2774749	50	0.2892965
Bromoform	0.4	~~0.1630322~~	1	0.1426611	5	0.1676701	10	0.1699924	25	0.1886961	50	0.2090103
Bromomethane	0.4	~~0.2069809~~	1	0.1607455	5	0.1695161	10	0.1585282	25	0.1698497	50	0.1772669
Carbon Disulfide	0.4	~~0.7058746~~	1	0.6369644	5	0.6481012	10	0.63154	25	0.7040453	50	0.7279828
Carbon Tetrachloride	0.4	~~0.255308~~	1	0.241345	5	0.244026	10	0.2395253	25	0.2496345	50	0.2557863
Chlorobenzene	0.4	~~1.1089~~	1	0.9919947	5	0.927167	10	0.9201636	25	0.9629277	50	0.9461553
Chloroethane	0.4	~~0.1829848~~	1	0.1379308	5	0.1184387	10	0.114886	25	0.1124281	50	0.1132521
Chloroform	0.4	~~0.5154822~~	1	0.4317691	5	0.4136456	10	0.3878686	25	0.3959132	50	0.4048317
Chloromethane	0.4	~~0.3631524~~	1	0.2999841	5	0.2632156	10	0.250887	25	0.2497339	50	0.2533439
cis-1,2-Dichloroethene	0.4	~~0.3071419~~	1	0.3243938	5	0.2927941	10	0.2856238	25	0.2889483	50	0.2886755
cis-1,3-Dichloropropene	0.4	0.2751471	1	0.2470978	5	0.2812688	10	0.2822952	25	0.3055543	50	0.3289016
Dibromochloromethane	0.4	0.3220912	1	0.2742395	5	0.3034116	10	0.3067532	25	0.3363722	50	0.3540691
Dibromomethane	0.4	~~0.1785127~~	1	0.1612519	5	0.1659335	10	0.1607153	25	0.1634401	50	0.1659095
Dichlorodifluoromethane	0.4	~~0.238424~~	1	0.2379432	5	0.219232	10	0.2145738	25	0.2109468	50	0.2111349
Diethyl Ether	0.4	~~0.1406075~~	1	0.144175	5	0.1363565	10	0.1332526	25	0.140646	50	0.1479584
Di-isopropyl ether	0.4	~~0.9265085~~	1	0.8464083	5	0.8420219	10	0.8239137	25	0.864454	50	0.8895203
Ethyl tertiary-butyl ether	0.4	~~0.6147369~~	1	0.5710757	5	0.5361584	10	0.5165526	25	0.5546811	50	0.5772292
Ethylbenzene	0.4	~~1.219011~~	1	1.12114	5	1.132208	10	1.131579	25	1.221195	50	1.252088
Hexachlorobutadiene	0.4	0.3537601	1	0.3426093	5	0.2951585	10	0.2751466	25	0.2995117	50	0.3043869
Hexachloroethane	0.4	~~0.3796205~~	1	0.318765	5	0.3313545	10	0.3217685	25	0.363104	50	0.3849487
Isopropylbenzene	0.4	~~2.281733~~	1	2.123782	5	2.329124	10	2.243752	25	2.414864	50	2.527978
Methyl tert-Butyl Ether	0.4	~~0.3652998~~	1	0.3576934	5	0.356197	10	0.3308568	25	0.3622291	50	0.3672795
Methylene Chloride	0.4	~~0.3402793~~	1	0.313372	5	0.2929295	10	0.2723146	25	0.2813302	50	0.2762141
Naphthalene	0.4	~~1.451993~~	1	1.047304	5	1.175226	10	1.134275	25	1.25191	50	1.327877
n-Butylbenzene	0.4	~~1.418649~~	1	1.303325	5	1.478843	10	1.440145	25	1.590981	50	1.638586
n-Propylbenzene	0.4	~~2.318485~~	1	2.150461	5	2.344773	10	2.361867	25	2.580036	50	2.690527
sec-Butylbenzene	0.4	~~2.235825~~	1	1.97185	5	2.11382	10	2.024297	25	2.244488	50	2.234978
Styrene	0.4	~~0.7555914~~	1	0.646643	5	0.7673538	10	0.7863217	25	0.8728355	50	0.9164761
tert-Butylbenzene	0.4	~~1.520487~~	1	1.353068	5	1.48691	10	1.400919	25	1.504547	50	1.561266

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	0.4	~~0.4471978~~	1	0.4292517	5	0.4327059	10	0.3968083	25	0.4078663	50	0.4180744
Tetrachloroethene	0.4	~~0.2839279~~	1	0.2740316	5	0.2631167	10	0.250477	25	0.2613228	50	0.2625411
Tetrahydrofuran	0.4	~~0.0814448~~	1	~~7.308536E-02~~	5	4.203028E-02	10	3.520816E-02	25	3.293375E-02	50	3.639384E-02
Toluene	0.4	~~0.5872143~~	1	0.5394089	5	0.5619261	10	0.5605815	25	0.5798587	50	0.5883472
trans-1,2-Dichloroethene	0.4	~~0.285372~~	1	0.2763757	5	0.2594504	10	0.2492215	25	0.2616771	50	0.2657613
trans-1,3-Dichloropropene	0.4	0.1667707	1	0.1581752	5	0.1970911	10	0.1937669	25	0.2247055	50	0.2440361
Trichloroethene	0.4	~~0.2813333~~	1	0.2693227	5	0.267279	10	0.2525204	25	0.2556356	50	0.2659334
Trichlorofluoromethane	0.4	~~0.4189265~~	1	0.3676266	5	0.342011	10	0.3213223	25	0.3226482	50	0.3296728
Vinyl Acetate	0.4	~~0.9901631~~	1	0.4145334	5	0.369236	10	0.379481	25	0.3840488	50	0.4098346
Vinyl Chloride	0.4	~~0.2675818~~	1	0.2411484	5	0.229055	10	0.2093669	25	0.212541	50	0.209402
Xylene O	0.4	~~0.4803665~~	1	0.4311126	5	0.4723144	10	0.4782187	25	0.5111925	50	0.512468
Xylene P,M	0.8	~~0.5021375~~	2	0.4093267	10	0.460237	20	0.4693887	50	0.5046368	100	0.5044358
1,2-Dichloroethane-d4	0.4	~~0.2189198~~	1	0.1987169	5	0.1789558	10	0.1687574	25	0.1729816	50	0.1716931
4-Bromofluorobenzene	0.4	~~0.6196952~~	1	0.3519015	5	0.3569002	10	0.3608564	25	0.376897	50	0.3795616
Dibromofluoromethane	0.4	~~0.3807062~~	1	0.3371693	5	0.3096364	10	0.3021779	25	0.3155788	50	0.3155241
Toluene-d8	0.4	~~1.195822~~	1	1.057254	5	1.067615	10	1.068606	25	1.14506	50	1.151954

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	100	0.3461065										
1,1,1-Trichloroethane	100	0.2897158										
1,1,2,2-Tetrachloroethane	100	0.7008348										
1,1,2-Trichloroethane	100	0.1627515										
1,1-Dichloroethane	100	0.4237463										
1,1-Dichloroethene	100	0.2247096										
1,1-Dichloropropene	100	0.3036565										
1,2,3-Trichlorobenzene	100	0.6058917										
1,2,3-Trichloropropane	100	0.4462326										
1,2,4-Trichlorobenzene	100	0.7904973										
1,2,4-Trimethylbenzene	100	2.16658										
1,2-Dibromo-3-Chloropropane	100	6.939217E-02										
1,2-Dibromoethane	100	0.3099675										
1,2-Dichlorobenzene	100	1.418537										
1,2-Dichloroethane	100	0.2140985										
1,2-Dichloropropane	100	0.2679534										
1,3,5-Trimethylbenzene	100	2.013768										
1,3-Dichlorobenzene	100	1.492284										
1,3-Dichloropropane	100	0.428432										
1,4-Dichlorobenzene	100	1.617641										
1,4-Dioxane - Screen	2000	6.21709E-04										
1-Chlorohexane	100	0.3008946										
2,2-Dichloropropane	100	0.2344756										
2-Butanone	500	1.218835E-02										
2-Chlorotoluene	100	1.862487										
2-Hexanone	500	0.1475684										
4-Chlorotoluene	100	1.985327										
4-Isopropyltoluene	100	2.079194										
4-Methyl-2-Pentanone	500	5.351492E-02										
Acetone	500	8.867553E-03										
Benzene	100	0.9872788										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	100	1.00468										
Bromochloromethane	100	0.1638112										
Bromodichloromethane	100	0.3051666										
Bromoform	100	0.2277879										
Bromomethane	100	0.190422										
Carbon Disulfide	100	0.7499353										
Carbon Tetrachloride	100	0.2704625										
Chlorobenzene	100	1.013861										
Chloroethane	100	0.1115344										
Chloroform	100	0.4096764										
Chloromethane	100	0.2614394										
cis-1,2-Dichloroethene	100	0.2977873										
cis-1,3-Dichloropropene	100	0.3462138										
Dibromochloromethane	100	0.3792296										
Dibromomethane	100	0.1657404										
Dichlorodifluoromethane	100	0.2144612										
Diethyl Ether	100	0.1480331										
Di-isopropyl ether	100	0.9024329										
Ethyl tertiary-butyl ether	100	0.5796629										
Ethylbenzene	100	1.29913										
Hexachlorobutadiene	100	0.2976696										
Hexachloroethane	100	0.4160006										
Isopropylbenzene	100	2.591083										
Methyl tert-Butyl Ether	100	0.3780052										
Methylene Chloride	100	0.2735222										
Naphthalene	100	1.370234										
n-Butylbenzene	100	1.682595										
n-Propylbenzene	100	2.830437										
sec-Butylbenzene	100	2.341851										
Styrene	100	0.9848639										
tert-Butylbenzene	100	1.646258										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	100	0.4453505										
Tetrachloroethene	100	0.2777189										
Tetrahydrofuran	100	3.770223E-02										
Toluene	100	0.5974527										
trans-1,2-Dichloroethene	100	0.2704084										
trans-1,3-Dichloropropene	100	0.2655591										
Trichloroethene	100	0.2684528										
Trichlorofluoromethane	100	0.3338958										
Vinyl Acetate	100	0.4255836										
Vinyl Chloride	100	0.2104608										
Xylene O	100	0.531639										
Xylene P,M	200	0.5362491										
1,2-Dichloroethane-d4	100	0.1776941										
4-Bromofluorobenzene	100	0.4014986										
Dibromofluoromethane	100	0.3235054										
Toluene-d8	100	1.206044										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3120783	6.433986	17.175	4.769021E-02			15	
1,1,1-Trichloroethane	0.2753986	3.517362	10.985	7.505126E-02			15	
1,1,2,2-Tetrachloroethane	0.7214373	8.496733	18.66286	2.384392E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.1604689	2.309258	14.69	0.0184609			15	
1,1-Dichloroethane	0.4193913	2.67255	8.608333	0.1143077			SPCC (0.1)	
1,1-Dichloroethene	0.2229362	2.375185	6.921667	6.116163E-02			CCC (30)	
1,1-Dichloropropene	0.2811948	4.584509	11.28167	3.736405E-02			15	
1,2,3-Trichlorobenzene	0.5699959	5.634944	25.19333	2.232619E-02			15	
1,2,3-Trichloropropane	0.4511024	2.658438	18.935	3.187132E-02			15	
1,2,4-Trichlorobenzene	0.7186594	6.998461	24.54	2.231413E-02			15	
1,2,4-Trimethylbenzene	1.961172	8.763918	21.32333	2.592004E-02			15	
1,2-Dibromo-3-Chloropropane	5.969343E-02	14.6332	22.69667	3.699046E-02			15	
1,2-Dibromoethane	0.2778377	8.824944	15.895	5.248449E-02			15	
1,2-Dichlorobenzene	1.369686	3.590878	22.08667	3.667937E-02			15	
1,2-Dichloroethane	0.2119049	3.277977	10.84	8.168163E-02			15	
1,2-Dichloropropane	0.2601485	2.693301	12.56167	0.0386773			CCC (30)	
1,3,5-Trimethylbenzene	1.80801	8.771602	20.75	4.124417E-02			15	
1,3-Dichlorobenzene	1.435529	3.591858	21.55	5.789125E-03			15	
1,3-Dichloropropane	0.3956504	4.926851	15.07333	3.454561E-02			15	
1,4-Dichlorobenzene	1.592483	4.233542	21.64	1.406038E-02			15	
1,4-Dioxane - Screen	4.714765E-04	35.57554	12.94	0.19765	0.99874		0.99	
1-Chlorohexane	0.271398	7.810209	17.20833	5.861053E-02			15	
2,2-Dichloropropane	0.2226597	3.851549	9.943333	4.914389E-02			15	
2-Butanone	1.120926E-02	6.969433	9.324	9.563573E-02			15	
2-Chlorotoluene	1.757068	4.021616	20.4	2.647731E-02			15	
2-Hexanone	0.1266346	11.49701	15.36333	9.027042E-02			15	
4-Chlorotoluene	1.831548	5.579513	20.53333	2.341311E-02			15	
4-Isopropyltoluene	1.870716	7.39392	21.71167	2.106153E-02			15	
4-Methyl-2-Pentanone	4.936177E-02	8.157249	13.94333	3.927013E-02			15	
Acetone	9.291628E-03	12.37947	6.311667	6.797474E-02			15	
Benzene	0.9476319	3.263467	11.62167	3.547033E-02			15	
Bromobenzene	0.9512868	5.504013	19.85833	4.932345E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	1002006	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	02/10/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Bromochloromethane	0.1658645	2.536552	9.75	0			15	
Bromodichloromethane	0.2745184	7.192048	12.7	6.914025E-02			15	
Bromoform	0.184303	16.69925	18.14	1.658642E-02	0.99886		SPCC (0.1)	
Bromomethane	0.1710547	6.821141	4.923333	0.2106777			15	
Carbon Disulfide	0.6830948	7.445035	7.475	7.316287E-02			15	
Carbon Tetrachloride	0.2501299	4.636723	11.55167	4.161482E-02			15	
Chlorobenzene	0.9603782	3.836865	17.30667	4.518698E-02			SPCC (0.3)	
Chloroethane	0.1180783	8.489944	5.158333	0.1463405			15	
Chloroform	0.4072841	3.736504	9.825	8.570421E-02			CCC (30)	
Chloromethane	0.2631007	7.183868	3.98	0.2247283			SPCC (0.1)	
cis-1,2-Dichloroethene	0.2963705	4.842591	9.5	9.376443E-02			15	
cis-1,3-Dichloropropene	0.2952112	11.50552	13.74143	6.683749E-02			15	
Dibromochloromethane	0.3251666	10.72637	15.49429	5.096475E-02			15	
Dibromomethane	0.1638318	1.467403	12.5	0			15	
Dichlorodifluoromethane	0.2180486	4.67865	3.695	0.2262777			15	
Diethyl Ether	0.1417369	4.307963	6.49	1.758089E-02			15	
Di-isopropyl ether	0.8614585	3.478288	9.343334	0.0561221			15	
Ethyl tertiary-butyl ether	0.5558933	4.543337	9.953333	5.013233E-02			15	
Ethylbenzene	1.19289	6.293598	17.65	0.013768			CCC (30)	
Hexachlorobutadiene	0.309749	9.041941	24.98143	2.166685E-02			15	
Hexachloroethane	0.3559902	10.99074	22.77167	1.309562E-02			15	
Isopropylbenzene	2.371764	7.400994	19.38833	2.276389E-02			15	
Methyl tert-Butyl Ether	0.3587102	4.39246	8.423333	5.965142E-02			15	
Methylene Chloride	0.2849471	5.551456	7.166667	0.1144135			15	
Naphthalene	1.217804	10.01498	24.89667	3.861726E-02			15	
n-Butylbenzene	1.522413	9.313502	22.23833	4.429056E-02			15	
n-Propylbenzene	2.493017	10.09925	20.25167	2.151373E-02			15	
sec-Butylbenzene	2.155214	6.615438	21.46167	1.635967E-02			15	
Styrene	0.8290823	14.54832	18.555	4.292383E-02			15	
tert-Butylbenzene	1.492161	7.116061	21.15333	5.786294E-02			15	
Tertiary-amyl methyl ether	0.4216762	4.191059	11.89333	3.623061E-02			15	
Tetrachloroethene	0.264868	3.688671	16.19167	2.789984E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	1002155
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	1002006	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	02/10/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	3.685365E-02	9.181921	10.37	0.1174482			15	
Toluene	0.5712625	3.727897	14.99167	6.585771E-02			CCC (30)	
trans-1,2-Dichloroethene	0.2638157	3.562364	8.22	0.1091013			15	
trans-1,3-Dichloropropene	0.2071578	19.0963	14.44714	2.915903E-02	0.99887		0.99	
Trichloroethene	0.2631906	2.742334	12.63333	4.284056E-02			15	
Trichlorofluoromethane	0.3361961	5.107618	6.071667	6.757753E-02			15	
Vinyl Acetate	0.3971196	5.669509	8.871667	4.150681E-02			15	
Vinyl Chloride	0.2186623	6.10329	4.283333	0.1912202			CCC (30)	
Xylene O	0.4894909	7.425437	18.68	5.015111E-02			15	
Xylene P,M	0.4807123	9.239134	17.97833	2.898569E-02			15	
1,2-Dichloroethane-d4	0.1781331	6.048732	10.71667	7.580492E-02			15	
4-Bromofluorobenzene	0.3712692	4.972733	19.44833	1.677134E-02			15	
Dibromofluoromethane	0.3172653	3.800161	10.01333	4.962691E-02			15	
Toluene-d8	1.116089	5.418061	14.88167	2.317611E-02			15	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Laboratory ID: CTB0086-SCV1
Sequence: CTB0086
Standard ID: 0B10043

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
1,1,1,2-Tetrachloroethane	10.00	9.28	-7.2	
1,1,1-Trichloroethane	10.00	9.59	-4.1	
1,1,2,2-Tetrachloroethane	10.00	9.40	-6.0	
1,1,2-Trichloroethane	10.00	9.61	-3.9	
1,1-Dichloroethane	10.00	9.75	-2.5	
1,1-Dichloroethene	10.00	10.2	1.5	
1,1-Dichloropropene	10.00	9.79	-2.1	
1,2,3-Trichlorobenzene	10.00	9.43	-5.7	
1,2,3-Trichloropropane	10.00	9.15	-8.5	
1,2,4-Trichlorobenzene	10.00	8.93	-10.7	
1,2,4-Trimethylbenzene	10.00	10.0	0.1	
1,2-Dibromo-3-Chloropropane	10.00	8.55	-14.5	
1,2-Dibromoethane	10.00	9.45	-5.5	
1,2-Dichlorobenzene	10.00	9.47	-5.3	
1,2-Dichloroethane	10.00	9.32	-6.8	
1,2-Dichloropropane	10.00	9.48	-5.2	
1,3,5-Trimethylbenzene	10.00	9.66	-3.4	
1,3-Dichlorobenzene	10.00	9.34	-6.6	
1,3-Dichloropropane	10.00	9.75	-2.5	
1,4-Dichlorobenzene	10.00	9.08	-9.2	
1,4-Dioxane - Screen	200.0	193	-3.4	
1-Chlorohexane	10.00	9.73	-2.7	
2,2-Dichloropropane	10.00	8.55	-14.5	
2-Butanone	50.00	46.5	-7.1	
2-Chlorotoluene	10.00	9.68	-3.2	
2-Hexanone	50.00	45.4	-9.2	
4-Chlorotoluene	10.00	9.46	-5.4	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Laboratory ID: CTB0086-SCV1
Sequence: CTB0086
Standard ID: 0B10043

4-Isopropyltoluene	10.00	8.77	-12.3	
4-Methyl-2-Pentanone	50.00	47.6	-4.9	
Acetone	50.00	50.8	1.6	
Benzene	10.00	10.1	0.6	
Bromobenzene	10.00	9.52	-4.8	
Bromochloromethane	10.00	9.39	-6.1	
Bromodichloromethane	10.00	9.61	-3.9	
Bromoform	10.00	9.27	-7.3	
Bromomethane	10.00	11.3	12.7	
Carbon Disulfide	10.00	11.3	13.2	
Carbon Tetrachloride	10.00	9.60	-4.0	
Chlorobenzene	10.00	9.32	-6.8	
Chloroethane	10.00	10.1	1.3	
Chloroform	10.00	9.37	-6.3	
Chloromethane	10.00	9.72	-2.8	
cis-1,2-Dichloroethene	10.00	9.76	-2.4	
cis-1,3-Dichloropropene	10.00	9.28	-7.2	
Dibromochloromethane	10.00	9.00	-10.0	
Dibromomethane	10.00	9.21	-7.9	
Dichlorodifluoromethane	10.00	9.26	-7.4	
Diethyl Ether	10.00	10.4	4.2	
Di-isopropyl ether	10.00	9.85	-1.5	
Ethyl tertiary-butyl ether	10.00	9.37	-6.3	
Ethylbenzene	10.00	9.93	-0.7	
Hexachlorobutadiene	10.00	10.9	8.8	
Hexachloroethane	10.00	9.27	-7.3	
Isopropylbenzene	10.00	8.23	-17.7	
Methyl tert-Butyl Ether	10.00	9.59	-4.1	
Methylene Chloride	10.00	10.4	3.5	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1002155
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Laboratory ID: CTB0086-SCV1
Sequence: CTB0086
Standard ID: 0B10043

Naphthalene	10.00	9.13	-8.7	
n-Butylbenzene	10.00	9.33	-6.7	
n-Propylbenzene	10.00	9.41	-5.9	
sec-Butylbenzene	10.00	9.30	-7.0	
Styrene	10.00	9.20	-8.0	
tert-Butylbenzene	10.00	9.21	-7.9	
Tertiary-amyl methyl ether	10.00	9.88	-1.2	
Tetrachloroethene	10.00	9.28	-7.2	
Tetrahydrofuran	10.00	8.82	-11.8	
Toluene	10.00	11.0	9.9	
trans-1,2-Dichloroethene	10.00	10.5	4.6	
trans-1,3-Dichloropropene	10.00	8.22	-17.8	
Trichloroethene	10.00	9.64	-3.6	
Trichlorofluoromethane	10.00	8.20	-18.0	
Vinyl Acetate	10.00	9.60	-4.0	
Vinyl Chloride	10.00	9.26	-7.4	
Xylene O	10.00	10.5	5.0	
Xylene P,M	20.00	21.0	4.8	

* Values outside of QC limits

VOA
Logbooks

HOLDING TIME SUMMARY
8260B

Laboratory: ESS Laboratory SDG: 1002155

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
GWMWC	02/12/10 11:55	02/12/10 15:30	02/16/10 08:00	3.84	14.00	02/16/10 15:34	4.15	14.00	
GWMWC	02/12/10 11:55	02/12/10 15:30	02/16/10 08:00	3.84	14.00	02/16/10 18:46	4.29	14.00	
GWMWC Dup	02/12/10 11:55	02/12/10 15:30	02/16/10 08:00	3.84	14.00	02/16/10 16:06	4.17	14.00	
GWMWC Dup	02/12/10 11:55	02/12/10 15:30	02/16/10 08:00	3.84	14.00	02/16/10 19:18	4.31	14.00	

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: ESS Courier

ESS Project ID: 10020155
Date Project Due: 2/19/10
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	No
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **1.6**		16. Are ESS labels on correct containers?	Yes/No
Iced With: **Icepacks**		17. Were samples received intact?	Yes/No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL
2	Yes	40 ml - VOA	3	HCL

Completed By: _____ Date/Time: 2/12/10

Reviewed By: _____ Date/Time: 2/12/10

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Page 1 of 1

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required #____

State where samples were collected from:
MA (RI) CT NH NJ NY ME Other ____

Is this project for any of the following:
MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA

ESS LAB PROJECT ID: 1002155

Electronic Deliverable: ✓ Yes ___ No

Format: Excel ___ Access ___ PDF ___ Other EDS

Co. Name	Project #	Project Name (20 Char. or less)
Mactec Engineering	36500S0041	Textron Gorham

Contact Person	Address
Dave Heislein (PM)	107 Audubon Rd Bld 2 Suite 301

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6606		DEHeislein@mactec.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis: 524.2 / 624 (8260 VOA)	VPH w/targets / 8015 GRO / 8021 MTBE/BTEX	8015 DRO / 8100 TPH	EPH 4 Diesel / EPH w/PAHs / EPH w/o PAHs	608 PCB / 608 Pesticides / 8082 PCB / 8081 Pesticides	PAH 8270 / 625 / 8270 SVOA	TAL23 / PP13 / RCRA8 / RCRA5	NBC7 / TCLP-RCRA8	MCP-METALS (13) w/Hg / MCP-METALS (13)	
01	2/12/10	11:55		Y	GW	GWMWC	2	3	V	X									
02	2/12/10	11:55		Y	GW	GWMWCDup	2	3	V	X									

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No | Internal Use Only

Seals Intact ___ Yes ___ No NA: ___ [ ] Pickup

Cooler Temp: 1.0 [ ] Technicians ____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Massiore 339-927-3797

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	2/12/10 15:25	[signature]	2/12/10 1530				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

David Heislein
MACTEC Engineering & Consulting, Inc.
107 Audubon Road
Wakefield, MA 01880

CHECKED FOR COMPLETENESS
OF PARAMETERS ORDERED BY:
3/8/10

RE: Textron Gorham (3650050041)
ESS Laboratory Work Order Number: 1002234

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Digitally signed by Melissa Pagliarini
Date: 2010.03.04 12:57:06 -05'00'

Laurel Stoddard
Laboratory Director

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

SAMPLE RECEIPT

The following samples were received on February 19, 2010 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	SampleName	Matrix	Analysis
1002234-01	GWMWD	Ground Water	8260B

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

PROJECT NARRATIVE

No unusual observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters
Semivolatile Organics Internal Standard Information
Semivolatile Organics Surrogate Information
Volatile Organics Internal Standard Information
Volatile Organics Surrogate Information
EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWD
Date Sampled: 02/19/10 10:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002234
ESS Laboratory Sample ID: 1002234-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
1,1,1-Trichloroethane	ND (0.0010)	0.0002	0.2	1	02/19/10 15:20	CTB0142	CB01912
1,1,2,2-Tetrachloroethane	ND (0.0005)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
1,1,2-Trichloroethane	ND (0.0010)	0.0002	0.005	1	02/19/10 15:20	CTB0142	CB01912
1,1-Dichloroethane	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
1,1-Dichloroethene	**0.0011** (0.0010)	0.0003	0.007	1	02/19/10 15:20	CTB0142	CB01912
1,1-Dichloropropene	ND (0.0020)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
1,2,3-Trichlorobenzene	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
1,2,3-Trichloropropane	ND (0.0010)	0.0003		1	02/19/10 15:20	CTB0142	CB01912
1,2,4-Trichlorobenzene	ND (0.0010)	0.0002	0.07	1	02/19/10 15:20	CTB0142	CB01912
1,2,4-Trimethylbenzene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
1,2-Dibromo-3-Chloropropane	ND (0.0050)	0.0010	0.0002	1	02/19/10 15:20	CTB0142	CB01912
1,2-Dibromoethane	ND (0.0010)	0.0002	0.00005	1	02/19/10 15:20	CTB0142	CB01912
1,2-Dichlorobenzene	ND (0.0010)	0.0001	0.6	1	02/19/10 15:20	CTB0142	CB01912
1,2-Dichloroethane	ND (0.0010)	0.0002	0.005	1	02/19/10 15:20	CTB0142	CB01912
1,2-Dichloropropane	ND (0.0010)	0.0002	0.005	1	02/19/10 15:20	CTB0142	CB01912
1,3,5-Trimethylbenzene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
1,3-Dichlorobenzene	ND (0.0010)	0.0002	0.6	1	02/19/10 15:20	CTB0142	CB01912
1,3-Dichloropropane	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
1,4-Dichlorobenzene	ND (0.0010)	0.0001	0.075	1	02/19/10 15:20	CTB0142	CB01912
1,4-Dioxane - Screen	ND (0.500)	0.190		1	02/19/10 15:20	CTB0142	CB01912
1-Chlorohexane	ND (0.0010)	0.0004		1	02/19/10 15:20	CTB0142	CB01912
2,2-Dichloropropane	ND (0.0010)	0.0003		1	02/19/10 15:20	CTB0142	CB01912
2-Butanone	ND (0.0250)	0.0058		1	02/19/10 15:20	CTB0142	CB01912
2-Chlorotoluene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
2-Hexanone	ND (0.0100)	0.0015		1	02/19/10 15:20	CTB0142	CB01912
4-Chlorotoluene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
4-Isopropyltoluene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
4-Methyl-2-Pentanone	ND (0.0250)	0.0016		1	02/19/10 15:20	CTB0142	CB01912
Acetone	ND (0.0250)	0.0050		1	02/19/10 15:20	CTB0142	CB01912
Benzene	ND (0.0010)	0.0001	0.005	1	02/19/10 15:20	CTB0142	CB01912
Bromobenzene	ND (0.0020)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Bromochloromethane	ND (0.0010)	0.0003		1	02/19/10 15:20	CTB0142	CB01912

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWD
Date Sampled: 02/19/10 10:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002234
ESS Laboratory Sample ID: 1002234-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.0006)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
Bromoform	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Bromomethane	ND (0.0020)	0.0004		1	02/19/10 15:20	CTB0142	CB01912
Carbon Disulfide	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
Carbon Tetrachloride	ND (0.0010)	0.0001	0.005	1	02/19/10 15:20	CTB0142	CB01912
Chlorobenzene	ND (0.0010)	0.0001	0.1	1	02/19/10 15:20	CTB0142	CB01912
Chloroethane	ND (0.0020)	0.0004		1	02/19/10 15:20	CTB0142	CB01912
Chloroform	**J 0.0002** (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
Chloromethane	ND (0.0020)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
cis-1,2-Dichloroethene	**0.0392** (0.0010)	0.0002	0.07	1	02/19/10 15:20	CTB0142	CB01912
cis-1,3-Dichloropropene	ND (0.0004)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Dibromochloromethane	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Dibromomethane	ND (0.0010)	0.0003		1	02/19/10 15:20	CTB0142	CB01912
Dichlorodifluoromethane	ND (0.0020)	0.0003		1	02/19/10 15:20	CTB0142	CB01912
Diethyl Ether	ND (0.0010)	0.0003		1	02/19/10 15:20	CTB0142	CB01912
Di-isopropyl ether	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Ethyl tertiary-butyl ether	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
Ethylbenzene	ND (0.0010)	0.0001	0.7	1	02/19/10 15:20	CTB0142	CB01912
Hexachlorobutadiene	ND (0.0006)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Hexachloroethane	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Isopropylbenzene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
Methyl tert-Butyl Ether	ND (0.0010)	0.0003	0.04	1	02/19/10 15:20	CTB0142	CB01912
Methylene Chloride	ND (0.0040)	0.0002	0.005	1	02/19/10 15:20	CTB0142	CB01912
Naphthalene	ND (0.0010)	0.0002	0.02	1	02/19/10 15:20	CTB0142	CB01912
n-Butylbenzene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
n-Propylbenzene	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
sec-Butylbenzene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
Styrene	ND (0.0010)	0.0001	0.1	1	02/19/10 15:20	CTB0142	CB01912
tert-Butylbenzene	ND (0.0010)	0.0001		1	02/19/10 15:20	CTB0142	CB01912
Tertiary-amyl methyl ether	ND (0.0010)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Tetrachloroethene	**0.0044** (0.0010)	0.0002	0.005	1	02/19/10 15:20	CTB0142	CB01912
Tetrahydrofuran	ND (0.0050)	0.0016		1	02/19/10 15:20	CTB0142	CB01912
Toluene	ND (0.0010)	0.0001	1	1	02/19/10 15:20	CTB0142	CB01912

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham
Client Sample ID: GWMWD
Date Sampled: 02/19/10 10:40
Percent Solids: N/A
Initial Volume: 10
Final Volume: 10
Extraction Method: 5030B

ESS Laboratory Work Order: 1002234
ESS Laboratory Sample ID: 1002234-01
Sample Matrix: Ground Water
Units: mg/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	RI - GA Limit	DF	Analyzed	Sequence	Batch
trans-1,2-Dichloroethene	**J 0.0004** (0.0010)	0.0003	0.1	1	02/19/10 15:20	CTB0142	CB01912
trans-1,3-Dichloropropene	ND (0.0004)	0.0002		1	02/19/10 15:20	CTB0142	CB01912
Trichloroethene	**0.761** (0.0200)	0.0040	0.005	20	02/19/10 16:23	CTB0142	CB01912
Trichlorofluoromethane	ND (0.0010)	0.0004		1	02/19/10 15:20	CTB0142	CB01912
Vinyl Acetate	ND (0.0050)	0.0005		1	02/19/10 15:20	CTB0142	CB01912
Vinyl Chloride	**0.0030** (0.0010)	0.0002	0.002	1	02/19/10 15:20	CTB0142	CB01912
Xylene O	ND (0.0010)	0.0001	10	1	02/19/10 15:20	CTB0142	CB01912
Xylene P,M	ND (0.0020)	0.0002	10	1	02/19/10 15:20	CTB0142	CB01912
Xylenes (Total)	ND (0.0030)		10	1	02/19/10 15:20		[CALC]
Trihalomethanes (Total)	ND (0.0036)		0.1		02/19/10 15:20		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*98 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*99 %*		*70-130*
Surrogate: Dibromofluoromethane	*95 %*		*70-130*
Surrogate: Toluene-d8	*101 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01912 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/L							
1,1,1-Trichloroethane	ND	0.0010	mg/L							
1,1,2,2-Tetrachloroethane	ND	0.0005	mg/L							
1,1,2-Trichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethane	ND	0.0010	mg/L							
1,1-Dichloroethene	ND	0.0010	mg/L							
1,1-Dichloropropene	ND	0.0020	mg/L							
1,2,3-Trichlorobenzene	ND	0.0010	mg/L							
1,2,3-Trichloropropane	ND	0.0010	mg/L							
1,2,4-Trichlorobenzene	ND	0.0010	mg/L							
1,2,4-Trimethylbenzene	ND	0.0010	mg/L							
1,2-Dibromo-3-Chloropropane	ND	0.0050	mg/L							
1,2-Dibromoethane	ND	0.0010	mg/L							
1,2-Dichlorobenzene	ND	0.0010	mg/L							
1,2-Dichloroethane	ND	0.0010	mg/L							
1,2-Dichloropropane	ND	0.0010	mg/L							
1,3,5-Trimethylbenzene	ND	0.0010	mg/L							
1,3-Dichlorobenzene	ND	0.0010	mg/L							
1,3-Dichloropropane	ND	0.0010	mg/L							
1,4-Dichlorobenzene	ND	0.0010	mg/L							
1,4-Dioxane - Screen	ND	0.500	mg/L							
1-Chlorohexane	ND	0.0010	mg/L							
2,2-Dichloropropane	ND	0.0010	mg/L							
2-Butanone	ND	0.0250	mg/L							
2-Chlorotoluene	ND	0.0010	mg/L							
2-Hexanone	ND	0.0100	mg/L							
4-Chlorotoluene	ND	0.0010	mg/L							
4-Isopropyltoluene	ND	0.0010	mg/L							
4-Methyl-2-Pentanone	ND	0.0250	mg/L							
Acetone	ND	0.0250	mg/L							
Benzene	ND	0.0010	mg/L							
Bromobenzene	ND	0.0020	mg/L							
Bromochloromethane	ND	0.0010	mg/L							
Bromodichloromethane	ND	0.0006	mg/L							
Bromoform	ND	0.0010	mg/L							
Bromomethane	ND	0.0020	mg/L							
Carbon Disulfide	ND	0.0010	mg/L							
Carbon Tetrachloride	ND	0.0010	mg/L							
Chlorobenzene	ND	0.0010	mg/L							
Chloroethane	ND	0.0020	mg/L							
Chloroform	ND	0.0010	mg/L							
Chloromethane	ND	0.0020	mg/L							
cis-1,2-Dichloroethene	ND	0.0010	mg/L							
cis-1,3-Dichloropropene	ND	0.0004	mg/L							
Dibromochloromethane	ND	0.0010	mg/L							

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01912 - 5030B										
Dibromomethane	ND	0.0010	mg/L							
Dichlorodifluoromethane	ND	0.0020	mg/L							
Diethyl Ether	ND	0.0010	mg/L							
Di-isopropyl ether	ND	0.0010	mg/L							
Ethyl tertiary-butyl ether	ND	0.0010	mg/L							
Ethylbenzene	ND	0.0010	mg/L							
Hexachlorobutadiene	ND	0.0006	mg/L							
Hexachloroethane	ND	0.0010	mg/L							
Isopropylbenzene	ND	0.0010	mg/L							
Methyl tert-Butyl Ether	ND	0.0010	mg/L							
Methylene Chloride	ND	0.0040	mg/L							
Naphthalene	ND	0.0010	mg/L							
n-Butylbenzene	ND	0.0010	mg/L							
n-Propylbenzene	ND	0.0010	mg/L							
sec-Butylbenzene	ND	0.0010	mg/L							
Styrene	ND	0.0010	mg/L							
tert-Butylbenzene	ND	0.0010	mg/L							
Tertiary-amyl methyl ether	ND	0.0010	mg/L							
Tetrachloroethene	ND	0.0010	mg/L							
Tetrahydrofuran	ND	0.0050	mg/L							
Toluene	ND	0.0010	mg/L							
trans-1,2-Dichloroethene	ND	0.0010	mg/L							
trans-1,3-Dichloropropene	ND	0.0004	mg/L							
Trichloroethene	ND	0.0010	mg/L							
Trichlorofluoromethane	ND	0.0010	mg/L							
Vinyl Acetate	ND	0.0050	mg/L							
Vinyl Chloride	ND	0.0010	mg/L							
Xylene O	ND	0.0010	mg/L							
Xylene P,M	ND	0.0020	mg/L							
Surrogate: 1,2-Dichloroethane-d4	*0.0231*		mg/L	*0.02500*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0256*		mg/L	*0.02500*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0238*		mg/L	*0.02500*		*95*	*70-130*			
Surrogate: Toluene-d8	*0.0262*		mg/L	*0.02500*		*105*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.72		ug/L	10.00		97	70-130			
1,1,1-Trichloroethane	9.53		ug/L	10.00		95	70-130			
1,1,2,2-Tetrachloroethane	9.01		ug/L	10.00		90	70-130			
1,1,2-Trichloroethane	9.37		ug/L	10.00		94	70-130			
1,1-Dichloroethane	9.60		ug/L	10.00		96	70-130			
1,1-Dichloroethene	10.2		ug/L	10.00		102	70-130			
1,1-Dichloropropene	9.60		ug/L	10.00		96	70-130			
1,2,3-Trichlorobenzene	11.6		ug/L	10.00		116	70-130			
1,2,3-Trichloropropane	9.32		ug/L	10.00		93	70-130			
1,2,4-Trichlorobenzene	10.4		ug/L	10.00		104	70-130			
1,2,4-Trimethylbenzene	9.49		ug/L	10.00		95	70-130			
1,2-Dibromo-3-Chloropropane	8.70		ug/L	10.00		87	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01912 - 5030B										
1,2-Dibromoethane	9.66		ug/L	10.00		97	70-130			
1,2-Dichlorobenzene	9.79		ug/L	10.00		98	70-130			
1,2-Dichloroethane	9.27		ug/L	10.00		93	70-130			
1,2-Dichloropropane	9.55		ug/L	10.00		96	70-130			
1,3,5-Trimethylbenzene	9.91		ug/L	10.00		99	70-130			
1,3-Dichlorobenzene	9.73		ug/L	10.00		97	70-130			
1,3-Dichloropropane	9.42		ug/L	10.00		94	70-130			
1,4-Dichlorobenzene	9.62		ug/L	10.00		96	70-130			
1,4-Dioxane - Screen	479		ug/L	200.0		239	0-332			
1-Chlorohexane	10.0		ug/L	10.00		100	70-130			
2,2-Dichloropropane	9.44		ug/L	10.00		94	70-130			
2-Butanone	44.2		ug/L	50.00		88	70-130			
2-Chlorotoluene	9.69		ug/L	10.00		97	70-130			
2-Hexanone	47.7		ug/L	50.00		95	70-130			
4-Chlorotoluene	9.76		ug/L	10.00		98	70-130			
4-Isopropyltoluene	9.79		ug/L	10.00		98	70-130			
4-Methyl-2-Pentanone	46.0		ug/L	50.00		92	70-130			
Acetone	49.6		ug/L	50.00		99	70-130			
Benzene	9.67		ug/L	10.00		97	70-130			
Bromobenzene	9.72		ug/L	10.00		97	70-130			
Bromochloromethane	9.43		ug/L	10.00		94	70-130			
Bromodichloromethane	9.60		ug/L	10.00		96	70-130			
Bromoform	9.99		ug/L	10.00		100	70-130			
Bromomethane	10.2		ug/L	10.00		102	70-130			
Carbon Disulfide	11.7		ug/L	10.00		117	70-130			
Carbon Tetrachloride	9.52		ug/L	10.00		95	70-130			
Chlorobenzene	9.48		ug/L	10.00		95	70-130			
Chloroethane	10.4		ug/L	10.00		104	70-130			
Chloroform	9.35		ug/L	10.00		94	70-130			
Chloromethane	9.46		ug/L	10.00		95	70-130			
cis-1,2-Dichloroethene	9.89		ug/L	10.00		99	70-130			
cis-1,3-Dichloropropene	9.68		ug/L	10.00		97	70-130			
Dibromochloromethane	9.62		ug/L	10.00		96	70-130			
Dibromomethane	8.81		ug/L	10.00		88	70-130			
Dichlorodifluoromethane	8.70		ug/L	10.00		87	70-130			
Diethyl Ether	10.2		ug/L	10.00		102	70-130			
Di-isopropyl ether	10.2		ug/L	10.00		102	70-130			
Ethyl tertiary-butyl ether	9.20		ug/L	10.00		92	70-130			
Ethylbenzene	9.72		ug/L	10.00		97	70-130			
Hexachlorobutadiene	10.6		ug/L	10.00		106	70-130			
Hexachloroethane	10.4		ug/L	10.00		104	70-130			
Isopropylbenzene	8.28		ug/L	10.00		83	70-130			
Methyl tert-Butyl Ether	9.52		ug/L	10.00		95	70-130			
Methylene Chloride	10.3		ug/L	10.00		103	70-130			
Naphthalene	10.0		ug/L	10.00		100	70-130			
n-Butylbenzene	10.6		ug/L	10.00		106	70-130			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01912 - 5030B										
n-Propylbenzene	9.63		ug/L	10.00		96	70-130			
sec-Butylbenzene	10.2		ug/L	10.00		102	70-130			
Styrene	9.44		ug/L	10.00		94	70-130			
tert-Butylbenzene	9.91		ug/L	10.00		99	70-130			
Tertiary-amyl methyl ether	9.49		ug/L	10.00		95	70-130			
Tetrachloroethene	9.49		ug/L	10.00		95	70-130			
Tetrahydrofuran	11.1		ug/L	10.00		111	70-130			
Toluene	9.87		ug/L	10.00		99	70-130			
trans-1,2-Dichloroethene	10.2		ug/L	10.00		102	70-130			
trans-1,3-Dichloropropene	8.38		ug/L	10.00		84	70-130			
Trichloroethene	9.47		ug/L	10.00		95	70-130			
Trichlorofluoromethane	8.21		ug/L	10.00		82	70-130			
Vinyl Acetate	9.36		ug/L	10.00		94	70-130			
Vinyl Chloride	9.53		ug/L	10.00		95	70-130			
Xylene O	10.1		ug/L	10.00		101	70-130			
Xylene P,M	20.3		ug/L	20.00		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0250*		mg/L	*0.02500*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0259*		mg/L	*0.02500*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0254*		mg/L	*0.02500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.0263*		mg/L	*0.02500*		*105*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.00		97	70-130	0.3	25	
1,1,1-Trichloroethane	9.23		ug/L	10.00		92	70-130	3	25	
1,1,2,2-Tetrachloroethane	9.34		ug/L	10.00		93	70-130	4	25	
1,1,2-Trichloroethane	9.40		ug/L	10.00		94	70-130	0.3	25	
1,1-Dichloroethane	9.29		ug/L	10.00		93	70-130	3	25	
1,1-Dichloroethene	9.95		ug/L	10.00		100	70-130	3	25	
1,1-Dichloropropene	9.25		ug/L	10.00		92	70-130	4	25	
1,2,3-Trichlorobenzene	10.6		ug/L	10.00		106	70-130	9	25	
1,2,3-Trichloropropane	9.66		ug/L	10.00		97	70-130	4	25	
1,2,4-Trichlorobenzene	9.65		ug/L	10.00		96	70-130	8	25	
1,2,4-Trimethylbenzene	9.43		ug/L	10.00		94	70-130	0.6	25	
1,2-Dibromo-3-Chloropropane	8.94		ug/L	10.00		89	70-130	3	25	
1,2-Dibromoethane	9.44		ug/L	10.00		94	70-130	2	25	
1,2-Dichlorobenzene	9.62		ug/L	10.00		96	70-130	2	25	
1,2-Dichloroethane	9.31		ug/L	10.00		93	70-130	0.4	25	
1,2-Dichloropropane	9.36		ug/L	10.00		94	70-130	2	25	
1,3,5-Trimethylbenzene	9.87		ug/L	10.00		99	70-130	0.4	25	
1,3-Dichlorobenzene	9.27		ug/L	10.00		93	70-130	5	25	
1,3-Dichloropropane	9.53		ug/L	10.00		95	70-130	1	25	
1,4-Dichlorobenzene	9.60		ug/L	10.00		96	70-130	0.2	25	
1,4-Dioxane - Screen	341		ug/L	200.0		171	0-332	34	200	
1-Chlorohexane	10.0		ug/L	10.00		100	70-130	0	25	
2,2-Dichloropropane	9.24		ug/L	10.00		92	70-130	2	25	
2-Butanone	43.2		ug/L	50.00		86	70-130	2	25	
2-Chlorotoluene	9.88		ug/L	10.00		99	70-130	2	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01912 - 5030B										
2-Hexanone	48.2		ug/L	50.00		96	70-130	1	25	
4-Chlorotoluene	9.56		ug/L	10.00		96	70-130	2	25	
4-Isopropyltoluene	9.38		ug/L	10.00		94	70-130	4	25	
4-Methyl-2-Pentanone	46.4		ug/L	50.00		93	70-130	0.8	25	
Acetone	44.0		ug/L	50.00		88	70-130	12	25	
Benzene	9.52		ug/L	10.00		95	70-130	2	25	
Bromobenzene	9.74		ug/L	10.00		97	70-130	0.2	25	
Bromochloromethane	8.91		ug/L	10.00		89	70-130	6	25	
Bromodichloromethane	9.20		ug/L	10.00		92	70-130	4	25	
Bromoform	9.86		ug/L	10.00		99	70-130	1	25	
Bromomethane	10.3		ug/L	10.00		103	70-130	1	25	
Carbon Disulfide	11.1		ug/L	10.00		111	70-130	5	25	
Carbon Tetrachloride	9.34		ug/L	10.00		93	70-130	2	25	
Chlorobenzene	9.43		ug/L	10.00		94	70-130	0.5	25	
Chloroethane	10.1		ug/L	10.00		101	70-130	4	25	
Chloroform	9.09		ug/L	10.00		91	70-130	3	25	
Chloromethane	9.24		ug/L	10.00		92	70-130	2	25	
cis-1,2-Dichloroethene	9.66		ug/L	10.00		97	70-130	2	25	
cis-1,3-Dichloropropene	9.45		ug/L	10.00		94	70-130	2	25	
Dibromochloromethane	9.54		ug/L	10.00		95	70-130	0.8	25	
Dibromomethane	8.75		ug/L	10.00		88	70-130	0.7	25	
Dichlorodifluoromethane	8.56		ug/L	10.00		86	70-130	2	25	
Diethyl Ether	10.1		ug/L	10.00		101	70-130	1	25	
Di-isopropyl ether	9.83		ug/L	10.00		98	70-130	3	25	
Ethyl tertiary-butyl ether	8.98		ug/L	10.00		90	70-130	2	25	
Ethylbenzene	9.73		ug/L	10.00		97	70-130	0.1	25	
Hexachlorobutadiene	10.3		ug/L	10.00		103	70-130	3	25	
Hexachloroethane	10.2		ug/L	10.00		102	70-130	2	25	
Isopropylbenzene	8.43		ug/L	10.00		84	70-130	2	25	
Methyl tert-Butyl Ether	9.37		ug/L	10.00		94	70-130	2	25	
Methylene Chloride	9.97		ug/L	10.00		100	70-130	4	25	
Naphthalene	9.39		ug/L	10.00		94	70-130	7	25	
n-Butylbenzene	9.95		ug/L	10.00		100	70-130	7	25	
n-Propylbenzene	9.71		ug/L	10.00		97	70-130	0.8	25	
sec-Butylbenzene	9.64		ug/L	10.00		96	70-130	5	25	
Styrene	9.34		ug/L	10.00		93	70-130	1	25	
tert-Butylbenzene	9.67		ug/L	10.00		97	70-130	2	25	
Tertiary-amyl methyl ether	9.25		ug/L	10.00		92	70-130	3	25	
Tetrachloroethene	9.46		ug/L	10.00		95	70-130	0.3	25	
Tetrahydrofuran	11.1		ug/L	10.00		111	70-130	0	25	
Toluene	9.56		ug/L	10.00		96	70-130	3	25	
trans-1,2-Dichloroethene	10.0		ug/L	10.00		100	70-130	2	25	
trans-1,3-Dichloropropene	8.36		ug/L	10.00		84	70-130	0.2	25	
Trichloroethene	9.17		ug/L	10.00		92	70-130	3	25	
Trichlorofluoromethane	8.22		ug/L	10.00		82	70-130	0.1	25	
Vinyl Acetate	9.35		ug/L	10.00		94	70-130	0.1	25	

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch CB01912 - 5030B										
Vinyl Chloride	9.38		ug/L	10.00		94	70-130	2	25	
Xylene O	9.87		ug/L	10.00		99	70-130	2	25	
Xylene P,M	19.6		ug/L	20.00		98	70-130	3	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0248*		mg/L	*0.02500*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0265*		mg/L	*0.02500*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*0.0256*		mg/L	*0.02500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.0268*		mg/L	*0.02500*		*107*	*70-130*			

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

Notes and Definitions

U	Analyte included in the analysis, but not detected
J	Reported between MDL and MRL; Estimated value.
D	Diluted.
ND	Analyte NOT DETECTED above the detection limit (LOD for DoD Reports)
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
LOD	Limit of Detection
[CALC]	Calculated Analyte

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Textron Gorham ESS Laboratory Work Order: 1002234

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP)
A2LA Accredited: Testing Cert# 2864.01
http://www.a2la.org/scopepdf/2864-01.pdf

Rhode Island Potable and Non Potable Water: A-179
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine Potable and Non Potable Water: RI002
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited)Potable and Non PotableWater, Solid and Hazardous Waste: 242405
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture Soil Permit: S-54210

Maryland Potable Water: 301
http://www.mde.state.md.us/assets/document/WSP_labs-2009apr20.pdf

South Carolina Volatile Organic Compounds in Potable Water: 78003

CHEMISTRY

A2LA Accredited: Testing Cert # 2864.01
Lead in Paint, Phthalates, Lead in Children's Metals Products (Including Jewelry)
http://www.A2LA.org/dirsearchnew/newsearch.cfm

CPSC ID# 1141
Lead Paint, Lead in Children's Metals Jewelry
http://www.cpsc.gov/cgi-bin/labapplist.aspx

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: Client

ESS Project ID: 10020234
Date Project Due: 2/26/10
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	N/A
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **5.2**		16. Are ESS labels on correct containers?	Yes/No
Iced With: **Icepacks**		17. Were samples received intact?	Yes/No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?:_____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL

Completed By: STD STD Date/Time: 2-19-10
Reviewed By: CLD Date/Time: 2-19-10

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Page 1 of 1

Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required #____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA
ESS LAB PROJECT ID: 1002234
Electronic Deliverable ___ Yes ___ No
Format: Excel__ Access__ PDF__ Other EDS

Co. Name	Project #	Project Name (20 Char. or less)
Maden Engineering	36500Saa11	Textron Gorham

Contact Person	Address
Dave Heislein (PM)	107 Audubon Rd Bld 2 Suite 201

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6605		DEHeislein@Madencon

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers
1	2/19/10	10:40		Y	GW	GWMWD	2	3	V

Circle and/or Write Required Analysis

524.2 624 8260 VOA	VPH w/targets 8015 GRO 8021 MTBE/BTEX	8015 DRO 8100 TPH	EPH 4 Diesel EPH w/PAHs EPH w/o PAHs	608 PCB 608 Pesticides 8082 PCB 8081 Pesticides	PAH 8270 625 8270 SVOA	TAL23 PP13 RCRA8 RCRA5	NBC7 TCLP-RCRA8	MCP-METALS (13) w/Hg MCP-METALS (13)					
X													

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No
Seals Intact ___ Yes ___ No NA: ___
Cooler Temp: 5.2

Internal Use Only
[ ] Pickup
[ ] Technicians____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore 339-927-3797
Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mark Maggiore	2/19/10 12:15	J Davis	2-19-10 12:15				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B

VOA
Data Package

VOA
Sample Data

ESS Laboratory

SDG: 1002234

CLASS: MSVOA

METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham

Client Sample Id:	Lab Sample Id:
GWMWD	1002234-01
GWMWD	1002234-01RE1

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____ Name: _____

Date: _____ Title: _____

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 1002234

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	0.0002	0.0010	mg/L
1,1,1-Trichloroethane	0.0002	0.0010	mg/L
1,1,2,2-Tetrachloroethane	0.0001	0.0005	mg/L
1,1,2-Trichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethane	0.0002	0.0010	mg/L
1,1-Dichloroethene	0.0003	0.0010	mg/L
1,1-Dichloropropene	0.0002	0.0020	mg/L
1,2,3-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,3-Trichloropropane	0.0003	0.0010	mg/L
1,2,4-Trichlorobenzene	0.0002	0.0010	mg/L
1,2,4-Trimethylbenzene	0.0001	0.0010	mg/L
1,2-Dibromo-3-Chloropropane	0.0010	0.0050	mg/L
1,2-Dibromoethane	0.0002	0.0010	mg/L
1,2-Dichlorobenzene	0.0001	0.0010	mg/L
1,2-Dichloroethane	0.0002	0.0010	mg/L
1,2-Dichloropropane	0.0002	0.0010	mg/L
1,3,5-Trimethylbenzene	0.0001	0.0010	mg/L
1,3-Dichlorobenzene	0.0002	0.0010	mg/L
1,3-Dichloropropane	0.0001	0.0010	mg/L
1,4-Dichlorobenzene	0.0001	0.0010	mg/L
1,4-Dioxane - Screen	0.190	0.500	mg/L
1-Chlorohexane	0.0004	0.0010	mg/L
2,2-Dichloropropane	0.0003	0.0010	mg/L
2-Butanone	0.0058	0.0250	mg/L
2-Chlorotoluene	0.0001	0.0010	mg/L
2-Hexanone	0.0015	0.0100	mg/L
4-Chlorotoluene	0.0001	0.0010	mg/L
4-Isopropyltoluene	0.0001	0.0010	mg/L
4-Methyl-2-Pentanone	0.0016	0.0250	mg/L
Acetone	0.0050	0.0250	mg/L
Benzene	0.0001	0.0010	mg/L
Bromobenzene	0.0002	0.0020	mg/L
Bromochloromethane	0.0003	0.0010	mg/L
Bromodichloromethane	0.0001	0.0006	mg/L
Bromoform	0.0002	0.0010	mg/L
Bromomethane	0.0004	0.0020	mg/L
Carbon Disulfide	0.0001	0.0010	mg/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: ESS Laboratory **SDG:** 1002234

Client: MACTEC Engineering & Consulting, Inc. **Project:** Textron Gorham

Matrix: Aqueous **Instrument:** VOA MS3

Analyte	MDL	MRL	Units
Carbon Tetrachloride	0.0001	0.0010	mg/L
Chlorobenzene	0.0001	0.0010	mg/L
Chloroethane	0.0004	0.0020	mg/L
Chloroform	0.0001	0.0010	mg/L
Chloromethane	0.0002	0.0020	mg/L
cis-1,2-Dichloroethene	0.0002	0.0010	mg/L
cis-1,3-Dichloropropene	0.0002	0.0004	mg/L
Dibromochloromethane	0.0002	0.0010	mg/L
Dibromomethane	0.0003	0.0010	mg/L
Dichlorodifluoromethane	0.0003	0.0020	mg/L
Diethyl Ether	0.0003	0.0010	mg/L
Di-isopropyl ether	0.0002	0.0010	mg/L
Ethyl tertiary-butyl ether	0.0001	0.0010	mg/L
Ethylbenzene	0.0001	0.0010	mg/L
Hexachlorobutadiene	0.0002	0.0006	mg/L
Hexachloroethane	0.0002	0.0010	mg/L
Isopropylbenzene	0.0001	0.0010	mg/L
Methyl tert-Butyl Ether	0.0003	0.0010	mg/L
Methylene Chloride	0.0002	0.0040	mg/L
Naphthalene	0.0002	0.0010	mg/L
n-Butylbenzene	0.0001	0.0010	mg/L
n-Propylbenzene	0.0002	0.0010	mg/L
sec-Butylbenzene	0.0001	0.0010	mg/L
Styrene	0.0001	0.0010	mg/L
tert-Butylbenzene	0.0001	0.0010	mg/L
Tertiary-amyl methyl ether	0.0002	0.0010	mg/L
Tetrachloroethene	0.0002	0.0010	mg/L
Tetrahydrofuran	0.0016	0.0050	mg/L
Toluene	0.0001	0.0010	mg/L
trans-1,2-Dichloroethene	0.0003	0.0010	mg/L
trans-1,3-Dichloropropene	0.0002	0.0004	mg/L
Trichloroethene	0.0002	0.0010	mg/L
Trichlorofluoromethane	0.0004	0.0010	mg/L
Vinyl Acetate	0.0005	0.0050	mg/L
Vinyl Chloride	0.0002	0.0010	mg/L
Xylene O	0.0001	0.0010	mg/L
Xylene P,M	0.0002	0.0020	mg/L

ORGANIC ANALYSIS DATA SHEET

8260B

GWMWD

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002234-01	File ID:	M338487.D
Sampled:	02/19/10 10:40	Prepared:	02/19/10 14:30	Analyzed:	02/19/10 15:20
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006
				Instrument:	VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.0010	U
71-55-6	1,1,1-Trichloroethane	1	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.0005	U
79-00-5	1,1,2-Trichloroethane	1	0.0010	U
75-34-3	1,1-Dichloroethane	1	0.0010	U
75-35-4	1,1-Dichloroethene	1	0.0011	
563-58-6	1,1-Dichloropropene	1	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	1	0.0010	U
96-18-4	1,2,3-Trichloropropane	1	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	1	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	1	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	0.0050	U
106-93-4	1,2-Dibromoethane	1	0.0010	U
95-50-1	1,2-Dichlorobenzene	1	0.0010	U
107-06-2	1,2-Dichloroethane	1	0.0010	U
78-87-5	1,2-Dichloropropane	1	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	1	0.0010	U
541-73-1	1,3-Dichlorobenzene	1	0.0010	U
142-28-9	1,3-Dichloropropane	1	0.0010	U
106-46-7	1,4-Dichlorobenzene	1	0.0010	U
123-91-1	1,4-Dioxane - Screen	1	0.500	U
544-10-5	1-Chlorohexane	1	0.0010	U
594-20-7	2,2-Dichloropropane	1	0.0010	U
78-93-3	2-Butanone	1	0.0250	U
95-49-8	2-Chlorotoluene	1	0.0010	U
591-78-6	2-Hexanone	1	0.0100	U
106-43-4	4-Chlorotoluene	1	0.0010	U
99-87-6	4-Isopropyltoluene	1	0.0010	U
108-10-1	4-Methyl-2-Pentanone	1	0.0250	U
67-64-1	Acetone	1	0.0250	U
71-43-2	Benzene	1	0.0010	U
108-86-1	Bromobenzene	1	0.0020	U
74-97-5	Bromochloromethane	1	0.0010	U
75-27-4	Bromodichloromethane	1	0.0006	U
75-25-2	Bromoform	1	0.0010	U
74-83-9	Bromomethane	1	0.0020	U
75-15-0	Carbon Disulfide	1	0.0010	U
56-23-5	Carbon Tetrachloride	1	0.0010	U
108-90-7	Chlorobenzene	1	0.0010	U
75-00-3	Chloroethane	1	0.0020	U

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWD

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002234-01	File ID:	M338487.D
Sampled:	02/19/10 10:40	Prepared:	02/19/10 14:30	Analyzed:	02/19/10 15:20
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006
				Instrument:	VOA MS3

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	1	0.0002	J
74-87-3	Chloromethane	1	0.0020	U
156-59-2	cis-1,2-Dichloroethene	1	0.0392	
10061-01-5	cis-1,3-Dichloropropene	1	0.0004	U
124-48-1	Dibromochloromethane	1	0.0010	U
74-95-3	Dibromomethane	1	0.0010	U
75-71-8	Dichlorodifluoromethane	1	0.0020	U
60-29-7	Diethyl Ether	1	0.0010	U
108-20-3	Di-isopropyl ether	1	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	1	0.0010	U
100-41-4	Ethylbenzene	1	0.0010	U
87-68-3	Hexachlorobutadiene	1	0.0006	U
67-72-1	Hexachloroethane	1	0.0010	U
98-82-8	Isopropylbenzene	1	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	1	0.0010	U
75-09-2	Methylene Chloride	1	0.0040	U
91-20-3	Naphthalene	1	0.0010	U
104-51-8	n-Butylbenzene	1	0.0010	U
103-65-1	n-Propylbenzene	1	0.0010	U
135-98-8	sec-Butylbenzene	1	0.0010	U
100-42-5	Styrene	1	0.0010	U
98-06-6	tert-Butylbenzene	1	0.0010	U
994-05-8	Tertiary-amyl methyl ether	1	0.0010	U
127-18-4	Tetrachloroethene	1	0.0044	
109-99-9	Tetrahydrofuran	1	0.0050	U
108-88-3	Toluene	1	0.0010	U
156-60-5	trans-1,2-Dichloroethene	1	0.0004	J
10061-02-6	trans-1,3-Dichloropropene	1	0.0004	U
79-01-6	Trichloroethene	20	0.761	D
75-69-4	Trichlorofluoromethane	1	0.0010	U
108-05-4	Vinyl Acetate	1	0.0050	U
75-01-4	Vinyl Chloride	1	0.0030	
95-47-6	Xylene O	1	0.0010	U
179601-23-1	Xylene P,M	1	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0245	98	70 - 130	
4-Bromofluorobenzene	0.02500	0.0248	99	70 - 130	
Dibromofluoromethane	0.02500	0.0238	95	70 - 130	
Toluene-d8	0.02500	0.0252	101	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWD

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002234-01	File ID:	M338487.D
Sampled:	02/19/10 10:40	Prepared:	02/19/10 14:30	Analyzed:	02/19/10 15:20
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3458992	11.93	3411737	11.95	
Chlorobenzene-d5	2733898	17.23	2505897	17.23	
1,4-Dichlorobenzene-D4	1115321	21.59	997231	21.59	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWD

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002234-01RE1	File ID:	M338489.D
Sampled:	02/19/10 10:40	Prepared:	02/19/10 14:30	Analyzed:	02/19/10 16:23
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	20	0.0200	UD
71-55-6	1,1,1-Trichloroethane	20	0.0200	UD
79-34-5	1,1,2,2-Tetrachloroethane	20	0.0100	UD
79-00-5	1,1,2-Trichloroethane	20	0.0200	UD
75-34-3	1,1-Dichloroethane	20	0.0200	UD
75-35-4	1,1-Dichloroethene	20	0.0200	UD
563-58-6	1,1-Dichloropropene	20	0.0400	UD
87-61-6	1,2,3-Trichlorobenzene	20	0.0200	UD
96-18-4	1,2,3-Trichloropropane	20	0.0200	UD
120-82-1	1,2,4-Trichlorobenzene	20	0.0200	UD
95-63-6	1,2,4-Trimethylbenzene	20	0.0200	UD
96-12-8	1,2-Dibromo-3-Chloropropane	20	0.100	UD
106-93-4	1,2-Dibromoethane	20	0.0200	UD
95-50-1	1,2-Dichlorobenzene	20	0.0200	UD
107-06-2	1,2-Dichloroethane	20	0.0200	UD
78-87-5	1,2-Dichloropropane	20	0.0200	UD
108-67-8	1,3,5-Trimethylbenzene	20	0.0200	UD
541-73-1	1,3-Dichlorobenzene	20	0.0200	UD
142-28-9	1,3-Dichloropropane	20	0.0200	UD
106-46-7	1,4-Dichlorobenzene	20	0.0200	UD
123-91-1	1,4-Dioxane - Screen	20	10.0	UD
544-10-5	1-Chlorohexane	20	0.0200	UD
594-20-7	2,2-Dichloropropane	20	0.0200	UD
78-93-3	2-Butanone	20	0.500	UD
95-49-8	2-Chlorotoluene	20	0.0200	UD
591-78-6	2-Hexanone	20	0.200	UD
106-43-4	4-Chlorotoluene	20	0.0200	UD
99-87-6	4-Isopropyltoluene	20	0.0200	UD
108-10-1	4-Methyl-2-Pentanone	20	0.500	UD
67-64-1	Acetone	20	0.500	UD
71-43-2	Benzene	20	0.0200	UD
108-86-1	Bromobenzene	20	0.0400	UD
74-97-5	Bromochloromethane	20	0.0200	UD
75-27-4	Bromodichloromethane	20	0.0120	UD
75-25-2	Bromoform	20	0.0200	UD
74-83-9	Bromomethane	20	0.0400	UD
75-15-0	Carbon Disulfide	20	0.0200	UD
56-23-5	Carbon Tetrachloride	20	0.0200	UD
108-90-7	Chlorobenzene	20	0.0200	UD
75-00-3	Chloroethane	20	0.0400	UD

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWD

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Ground Water	Laboratory ID:	1002234-01RE1	File ID:	M338489.D
Sampled:	02/19/10 10:40	Prepared:	02/19/10 14:30	Analyzed:	02/19/10 16:23
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006
Instrument:	VOA MS3				

CAS NO.	COMPOUND	DILUTION	CONC. (mg/L)	Q
67-66-3	Chloroform	20	0.0200	UD
74-87-3	Chloromethane	20	0.0400	UD
156-59-2	cis-1,2-Dichloroethene	20	0.0400	D
10061-01-5	cis-1,3-Dichloropropene	20	0.0080	UD
124-48-1	Dibromochloromethane	20	0.0200	UD
74-95-3	Dibromomethane	20	0.0200	UD
75-71-8	Dichlorodifluoromethane	20	0.0400	UD
60-29-7	Diethyl Ether	20	0.0200	UD
108-20-3	Di-isopropyl ether	20	0.0200	UD
637-92-3	Ethyl tertiary-butyl ether	20	0.0200	UD
100-41-4	Ethylbenzene	20	0.0200	UD
87-68-3	Hexachlorobutadiene	20	0.0120	UD
67-72-1	Hexachloroethane	20	0.0200	UD
98-82-8	Isopropylbenzene	20	0.0200	UD
1634-04-4	Methyl tert-Butyl Ether	20	0.0200	UD
75-09-2	Methylene Chloride	20	0.0800	UD
91-20-3	Naphthalene	20	0.0200	UD
104-51-8	n-Butylbenzene	20	0.0200	UD
103-65-1	n-Propylbenzene	20	0.0200	UD
135-98-8	sec-Butylbenzene	20	0.0200	UD
100-42-5	Styrene	20	0.0200	UD
98-06-6	tert-Butylbenzene	20	0.0200	UD
994-05-8	Tertiary-amyl methyl ether	20	0.0200	UD
127-18-4	Tetrachloroethene	20	0.0046	JD
109-99-9	Tetrahydrofuran	20	0.100	UD
108-88-3	Toluene	20	0.0200	UD
156-60-5	trans-1,2-Dichloroethene	20	0.0200	UD
10061-02-6	trans-1,3-Dichloropropene	20	0.0080	UD
79-01-6	Trichloroethene	20	0.761	D
75-69-4	Trichlorofluoromethane	20	0.0200	UD
108-05-4	Vinyl Acetate	20	0.100	UD
75-01-4	Vinyl Chloride	20	0.0200	UD
95-47-6	Xylene O	20	0.0200	UD
179601-23-1	Xylene P,M	20	0.0400	UD

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0232	93	70 - 130	
4-Bromofluorobenzene	0.02500	0.0253	101	70 - 130	
Dibromofluoromethane	0.02500	0.0243	97	70 - 130	
Toluene-d8	0.02500	0.0261	104	70 - 130	

ORGANIC ANALYSIS DATA SHEET
8260B

GWMWD

Laboratory:	ESS Laboratory		SDG:	1002234	
Client:	MACTEC Engineering & Consulting, Inc.		Project:	Textron Gorham	
Matrix:	Ground Water	Laboratory ID:	1002234-01RE1	File ID:	M338489.D
Sampled:	02/19/10 10:40	Prepared:	02/19/10 14:30	Analyzed:	02/19/10 16:23
Solids:		Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006
Instrument:	VOA MS3				

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3320550	11.94	3411737	11.95	
Chlorobenzene-d5	2523413	17.22	2505897	17.23	
1,4-Dichlorobenzene-D4	999770	21.58	997231	21.59	

* Values outside of QC limits

VOA
Quality Control Data

PREPARATION BATCH SUMMARY

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Batch: CB01912
Batch Matrix: Aqueous
Preparation: 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
~~GWMWD~~	~~1002234-01~~	~~M338489.D~~	~~02/19/10 14:30~~	~~Data Package - J Flag~~
GWMWD	1002234-01	M338487.D	02/19/10 14:30	Data Package - J Flag
GWMWD	1002234-01RE1	M338489.D	02/19/10 14:30	Data Package - J Flag
Blank	CB01912-BLK1	M338480.D	02/19/10 08:00	
LCS	CB01912-BS1	M338476.D	02/19/10 08:00	
LCS Dup	CB01912-BSD1	M338477.D	02/19/10 08:00	

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CB01912-BLK1	File ID:	M338480.D
Prepared:	02/19/10 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	02/19/10 11:37	Instrument:	VOA MS3		
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006

CAS NO.	COMPOUND	CONC. (mg/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0010	U
71-55-6	1,1,1-Trichloroethane	0.0010	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0005	U
79-00-5	1,1,2-Trichloroethane	0.0010	U
75-34-3	1,1-Dichloroethane	0.0010	U
75-35-4	1,1-Dichloroethene	0.0010	U
563-58-6	1,1-Dichloropropene	0.0020	U
87-61-6	1,2,3-Trichlorobenzene	0.0010	U
96-18-4	1,2,3-Trichloropropane	0.0010	U
120-82-1	1,2,4-Trichlorobenzene	0.0010	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0010	U
95-50-1	1,2-Dichlorobenzene	0.0010	U
107-06-2	1,2-Dichloroethane	0.0010	U
78-87-5	1,2-Dichloropropane	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0010	U
142-28-9	1,3-Dichloropropane	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0010	U
123-91-1	1,4-Dioxane - Screen	0.500	U
544-10-5	1-Chlorohexane	0.0010	U
594-20-7	2,2-Dichloropropane	0.0010	U
78-93-3	2-Butanone	0.0250	U
95-49-8	2-Chlorotoluene	0.0010	U
591-78-6	2-Hexanone	0.0100	U
106-43-4	4-Chlorotoluene	0.0010	U
99-87-6	4-Isopropyltoluene	0.0010	U
108-10-1	4-Methyl-2-Pentanone	0.0250	U
67-64-1	Acetone	0.0250	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CB01912-BLK1	File ID:	M338480.D
Prepared:	02/19/10 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	02/19/10 11:37	Instrument:	VOA MS3		
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006

CAS NO.	COMPOUND	CONC. (mg/L)	Q
71-43-2	Benzene	0.0010	U
108-86-1	Bromobenzene	0.0020	U
74-97-5	Bromochloromethane	0.0010	U
75-27-4	Bromodichloromethane	0.0006	U
75-25-2	Bromoform	0.0010	U
74-83-9	Bromomethane	0.0020	U
75-15-0	Carbon Disulfide	0.0010	U
56-23-5	Carbon Tetrachloride	0.0010	U
108-90-7	Chlorobenzene	0.0010	U
75-00-3	Chloroethane	0.0020	U
67-66-3	Chloroform	0.0010	U
74-87-3	Chloromethane	0.0020	U
156-59-2	cis-1,2-Dichloroethene	0.0010	U
10061-01-5	cis-1,3-Dichloropropene	0.0004	U
124-48-1	Dibromochloromethane	0.0010	U
74-95-3	Dibromomethane	0.0010	U
75-71-8	Dichlorodifluoromethane	0.0020	U
60-29-7	Diethyl Ether	0.0010	U
108-20-3	Di-isopropyl ether	0.0010	U
637-92-3	Ethyl tertiary-butyl ether	0.0010	U
100-41-4	Ethylbenzene	0.0010	U
87-68-3	Hexachlorobutadiene	0.0006	U
67-72-1	Hexachloroethane	0.0010	U
98-82-8	Isopropylbenzene	0.0010	U
1634-04-4	Methyl tert-Butyl Ether	0.0010	U
75-09-2	Methylene Chloride	0.0040	U
91-20-3	Naphthalene	0.0010	U
104-51-8	n-Butylbenzene	0.0010	U
103-65-1	n-Propylbenzene	0.0010	U
135-98-8	sec-Butylbenzene	0.0010	U

METHOD BLANK DATA SHEET
8260B

Laboratory:	ESS Laboratory			SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.			Project:	Textron Gorham
Matrix:	Aqueous	Laboratory ID:	CB01912-BLK1	File ID:	M338480.D
Prepared:	02/19/10 08:00	Preparation:	5030B	Initial/Final:	10 ml / 10 ml
Analyzed:	02/19/10 11:37	Instrument:	VOA MS3		
Batch:	CB01912	Sequence:	CTB0142	Calibration:	1002006

CAS NO.	COMPOUND	CONC. (mg/L)	Q
100-42-5	Styrene	0.0010	U
98-06-6	tert-Butylbenzene	0.0010	U
994-05-8	Tertiary-amyl methyl ether	0.0010	U
127-18-4	Tetrachloroethene	0.0010	U
109-99-9	Tetrahydrofuran	0.0050	U
108-88-3	Toluene	0.0010	U
156-60-5	trans-1,2-Dichloroethene	0.0010	U
10061-02-6	trans-1,3-Dichloropropene	0.0004	U
79-01-6	Trichloroethene	0.0010	U
75-69-4	Trichlorofluoromethane	0.0010	U
108-05-4	Vinyl Acetate	0.0050	U
75-01-4	Vinyl Chloride	0.0010	U
95-47-6	Xylene O	0.0010	U
179601-23-1	Xylene P,M	0.0020	U

SYSTEM MONITORING COMPOUND	ADDED (mg/L)	CONC (mg/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	0.02500	0.0231	92	70 - 130	
4-Bromofluorobenzene	0.02500	0.0256	102	70 - 130	
Dibromofluoromethane	0.02500	0.0238	95	70 - 130	
Toluene-d8	0.02500	0.0262	105	70 - 130	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	3401274	11.95	3411737	11.95	
Chlorobenzene-d5	2565611	17.23	2505897	17.23	
1,4-Dichlorobenzene-D4	1064279	21.59	997231	21.59	

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CB01912	Laboratory ID:	CB01912-BS1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.72	97	70 - 130
1,1,1-Trichloroethane	10.00	9.53	95	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.01	90	70 - 130
1,1,2-Trichloroethane	10.00	9.37	94	70 - 130
1,1-Dichloroethane	10.00	9.60	96	70 - 130
1,1-Dichloroethene	10.00	10.2	102	70 - 130
1,1-Dichloropropene	10.00	9.60	96	70 - 130
1,2,3-Trichlorobenzene	10.00	11.6	116	70 - 130
1,2,3-Trichloropropane	10.00	9.32	93	70 - 130
1,2,4-Trichlorobenzene	10.00	10.4	104	70 - 130
1,2,4-Trimethylbenzene	10.00	9.49	95	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	8.70	87	70 - 130
1,2-Dibromoethane	10.00	9.66	97	70 - 130
1,2-Dichlorobenzene	10.00	9.79	98	70 - 130
1,2-Dichloroethane	10.00	9.27	93	70 - 130
1,2-Dichloropropane	10.00	9.55	96	70 - 130
1,3,5-Trimethylbenzene	10.00	9.91	99	70 - 130
1,3-Dichlorobenzene	10.00	9.73	97	70 - 130
1,3-Dichloropropane	10.00	9.42	94	70 - 130
1,4-Dichlorobenzene	10.00	9.62	96	70 - 130
1,4-Dioxane - Screen	200.0	479	239	0 - 332
1-Chlorohexane	10.00	10.0	100	70 - 130
2,2-Dichloropropane	10.00	9.44	94	70 - 130
2-Butanone	50.00	44.2	88	70 - 130
2-Chlorotoluene	10.00	9.69	97	70 - 130
2-Hexanone	50.00	47.7	95	70 - 130
4-Chlorotoluene	10.00	9.76	98	70 - 130
4-Isopropyltoluene	10.00	9.79	98	70 - 130
4-Methyl-2-Pentanone	50.00	46.0	92	70 - 130
Acetone	50.00	49.6	99	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01912
Laboratory ID: CB01912-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	10.00	9.67	97	70 - 130
Bromobenzene	10.00	9.72	97	70 - 130
Bromochloromethane	10.00	9.43	94	70 - 130
Bromodichloromethane	10.00	9.60	96	70 - 130
Bromoform	10.00	9.99	100	70 - 130
Bromomethane	10.00	10.2	102	70 - 130
Carbon Disulfide	10.00	11.7	117	70 - 130
Carbon Tetrachloride	10.00	9.52	95	70 - 130
Chlorobenzene	10.00	9.48	95	70 - 130
Chloroethane	10.00	10.4	104	70 - 130
Chloroform	10.00	9.35	94	70 - 130
Chloromethane	10.00	9.46	95	70 - 130
cis-1,2-Dichloroethene	10.00	9.89	99	70 - 130
cis-1,3-Dichloropropene	10.00	9.68	97	70 - 130
Dibromochloromethane	10.00	9.62	96	70 - 130
Dibromomethane	10.00	8.81	88	70 - 130
Dichlorodifluoromethane	10.00	8.70	87	70 - 130
Diethyl Ether	10.00	10.2	102	70 - 130
Di-isopropyl ether	10.00	10.2	102	70 - 130
Ethyl tertiary-butyl ether	10.00	9.20	92	70 - 130
Ethylbenzene	10.00	9.72	97	70 - 130
Hexachlorobutadiene	10.00	10.6	106	70 - 130
Hexachloroethane	10.00	10.4	104	70 - 130
Isopropylbenzene	10.00	8.28	83	70 - 130
Methyl tert-Butyl Ether	10.00	9.52	95	70 - 130
Methylene Chloride	10.00	10.3	103	70 - 130
Naphthalene	10.00	10.0	100	70 - 130
n-Butylbenzene	10.00	10.6	106	70 - 130
n-Propylbenzene	10.00	9.63	96	70 - 130
sec-Butylbenzene	10.00	10.2	102	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01912
Laboratory ID: CB01912-BS1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Styrene	10.00	9.44	94	70 - 130
tert-Butylbenzene	10.00	9.91	99	70 - 130
Tertiary-amyl methyl ether	10.00	9.49	95	70 - 130
Tetrachloroethene	10.00	9.49	95	70 - 130
Tetrahydrofuran	10.00	11.1	111	70 - 130
Toluene	10.00	9.87	99	70 - 130
trans-1,2-Dichloroethene	10.00	10.2	102	70 - 130
trans-1,3-Dichloropropene	10.00	8.38	84	70 - 130
Trichloroethene	10.00	9.47	95	70 - 130
Trichlorofluoromethane	10.00	8.21	82	70 - 130
Vinyl Acetate	10.00	9.36	94	70 - 130
Vinyl Chloride	10.00	9.53	95	70 - 130
Xylene O	10.00	10.1	101	70 - 130
Xylene P,M	20.00	20.3	101	70 - 130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.00	9.69	97	0.3	25	70 - 130
1,1,1-Trichloroethane	10.00	9.23	92	3	25	70 - 130
1,1,2,2-Tetrachloroethane	10.00	9.34	93	4	25	70 - 130
1,1,2-Trichloroethane	10.00	9.40	94	0.3	25	70 - 130
1,1-Dichloroethane	10.00	9.29	93	3	25	70 - 130
1,1-Dichloroethene	10.00	9.95	100	3	25	70 - 130
1,1-Dichloropropene	10.00	9.25	92	4	25	70 - 130
1,2,3-Trichlorobenzene	10.00	10.6	106	9	25	70 - 130
1,2,3-Trichloropropane	10.00	9.66	97	4	25	70 - 130
1,2,4-Trichlorobenzene	10.00	9.65	96	8	25	70 - 130
1,2,4-Trimethylbenzene	10.00	9.43	94	0.6	25	70 - 130
1,2-Dibromo-3-Chloropropane	10.00	8.94	89	3	25	70 - 130
1,2-Dibromoethane	10.00	9.44	94	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01912
Laboratory ID: CB01912-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	10.00	9.62	96	2	25	70 - 130
1,2-Dichloroethane	10.00	9.31	93	0.4	25	70 - 130
1,2-Dichloropropane	10.00	9.36	94	2	25	70 - 130
1,3,5-Trimethylbenzene	10.00	9.87	99	0.4	25	70 - 130
1,3-Dichlorobenzene	10.00	9.27	93	5	25	70 - 130
1,3-Dichloropropane	10.00	9.53	95	1	25	70 - 130
1,4-Dichlorobenzene	10.00	9.60	96	0.2	25	70 - 130
1,4-Dioxane - Screen	200.0	341	171	34	200	0 - 332
1-Chlorohexane	10.00	10.0	100	0	25	70 - 130
2,2-Dichloropropane	10.00	9.24	92	2	25	70 - 130
2-Butanone	50.00	43.2	86	2	25	70 - 130
2-Chlorotoluene	10.00	9.88	99	2	25	70 - 130
2-Hexanone	50.00	48.2	96	1	25	70 - 130
4-Chlorotoluene	10.00	9.56	96	2	25	70 - 130
4-Isopropyltoluene	10.00	9.38	94	4	25	70 - 130
4-Methyl-2-Pentanone	50.00	46.4	93	0.8	25	70 - 130
Acetone	50.00	44.0	88	12	25	70 - 130
Benzene	10.00	9.52	95	2	25	70 - 130
Bromobenzene	10.00	9.74	97	0.2	25	70 - 130
Bromochloromethane	10.00	8.91	89	6	25	70 - 130
Bromodichloromethane	10.00	9.20	92	4	25	70 - 130
Bromoform	10.00	9.86	99	1	25	70 - 130
Bromomethane	10.00	10.3	103	1	25	70 - 130
Carbon Disulfide	10.00	11.1	111	5	25	70 - 130
Carbon Tetrachloride	10.00	9.34	93	2	25	70 - 130
Chlorobenzene	10.00	9.43	94	0.5	25	70 - 130
Chloroethane	10.00	10.1	101	4	25	70 - 130
Chloroform	10.00	9.09	91	3	25	70 - 130
Chloromethane	10.00	9.24	92	2	25	70 - 130
cis-1,2-Dichloroethene	10.00	9.66	97	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Matrix: Aqueous
Batch: CB01912
Laboratory ID: CB01912-BSD1
Preparation: 5030B
Initial/Final: 10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.00	9.45	94	2	25	70 - 130
Dibromochloromethane	10.00	9.54	95	0.8	25	70 - 130
Dibromomethane	10.00	8.75	88	0.7	25	70 - 130
Dichlorodifluoromethane	10.00	8.56	86	2	25	70 - 130
Diethyl Ether	10.00	10.1	101	1	25	70 - 130
Di-isopropyl ether	10.00	9.83	98	3	25	70 - 130
Ethyl tertiary-butyl ether	10.00	8.98	90	2	25	70 - 130
Ethylbenzene	10.00	9.73	97	0.1	25	70 - 130
Hexachlorobutadiene	10.00	10.3	103	3	25	70 - 130
Hexachloroethane	10.00	10.2	102	2	25	70 - 130
Isopropylbenzene	10.00	8.43	84	2	25	70 - 130
Methyl tert-Butyl Ether	10.00	9.37	94	2	25	70 - 130
Methylene Chloride	10.00	9.97	100	4	25	70 - 130
Naphthalene	10.00	9.39	94	7	25	70 - 130
n-Butylbenzene	10.00	9.95	100	7	25	70 - 130
n-Propylbenzene	10.00	9.71	97	0.8	25	70 - 130
sec-Butylbenzene	10.00	9.64	96	5	25	70 - 130
Styrene	10.00	9.34	93	1	25	70 - 130
tert-Butylbenzene	10.00	9.67	97	2	25	70 - 130
Tertiary-amyl methyl ether	10.00	9.25	92	3	25	70 - 130
Tetrachloroethene	10.00	9.46	95	0.3	25	70 - 130
Tetrahydrofuran	10.00	11.1	111	0	25	70 - 130
Toluene	10.00	9.56	96	3	25	70 - 130
trans-1,2-Dichloroethene	10.00	10.0	100	2	25	70 - 130
trans-1,3-Dichloropropene	10.00	8.36	84	0.2	25	70 - 130
Trichloroethene	10.00	9.17	92	3	25	70 - 130
Trichlorofluoromethane	10.00	8.22	82	0.1	25	70 - 130
Vinyl Acetate	10.00	9.35	94	0.1	25	70 - 130
Vinyl Chloride	10.00	9.38	94	2	25	70 - 130
Xylene O	10.00	9.87	99	2	25	70 - 130

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Matrix:	Aqueous		
Batch:	CB01912	Laboratory ID:	CB01912-BSD1
Preparation:	5030B	Initial/Final:	10 ml / 10 ml

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Xylene P,M	20.00	19.6	98	3	25	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

VOA
Calibration Data

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTB0086-TUN1	M338362.D	02/10/10 09:32
Cal Standard	CTB0086-CAL1	M338363.D	02/10/10 10:04
Cal Standard	CTB0086-CAL2	M338364.D	02/10/10 10:36
Cal Standard	CTB0086-CAL3	M338365.D	02/10/10 11:08
Cal Standard	CTB0086-CAL4	M338366.D	02/10/10 11:40
Cal Standard	CTB0086-CAL5	M338367.D	02/10/10 12:12
Cal Standard	CTB0086-CAL6	M338368.D	02/10/10 12:44
Cal Standard	CTB0086-CAL7	M338369.D	02/10/10 13:16
Secondary Cal Check	CTB0086-SCV1	M338372.D	02/10/10 14:52

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0142	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	CTB0142-TUN1	M338474.D	02/19/10 08:26
Calibration Check	CTB0142-CCV1	M338475.D	02/19/10 08:58
LCS	CB01912-BS1	M338476.D	02/19/10 09:30
LCS Dup	CB01912-BSD1	M338477.D	02/19/10 10:02
Blank	CB01912-BLK1	M338480.D	02/19/10 11:37
~~GWMWD~~	~~1002234-01~~	~~M338489.D~~	~~02/19/10 15:20~~
GWMWD	1002234-01	M338487.D	02/19/10 15:20
GWMWD	1002234-01RE1	M338489.D	02/19/10 16:23

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M338474.D	Injection Date:	02/19/10
Instrument ID:	VOA MS3	Injection Time:	08:26
Sequence:	CTB0142	Lab Sample ID:	CTB0142-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.2	PASS
75	30 - 60% of 95	38.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.58	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	91.2	PASS
175	5 - 9% of 174	7.89	PASS
176	95 - 101% of 174	97.4	PASS
177	5 - 9% of 176	7.11	PASS

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1002006
Lab File ID:	M338475.D	Calibration Date:	02/10/10 00:00
Sequence:	CTB0142	Injection Date:	02/19/10
Lab Sample ID:	CTB0142-CCV1	Injection Time:	08:58

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.00	25.1	0.3120783	0.3127846		0.2	30
1,1,1-Trichloroethane	A	25.00	24.6	0.2753986	0.2712428		-1.5	30
1,1,2,2-Tetrachloroethane	A	25.00	23.7	0.7214373	0.6849857	0.3	-5.1	30
1,1,2-Trichloroethane	A	25.00	24.6	0.1604689	0.1580605		-1.5	30
1,1-Dichloroethane	A	25.00	24.7	0.4193913	0.414935	0.1	-1.1	30
1,1-Dichloroethene	A	25.00	24.8	0.2229362	0.2213216		-0.7	20
1,1-Dichloropropene	A	25.00	25.1	0.2811948	0.2823963		0.4	30
1,2,3-Trichlorobenzene	A	25.00	22.7	0.5699959	0.516781		-9.3	30
1,2,3-Trichloropropane	A	25.00	23.8	0.4511024	0.4291142		-4.9	30
1,2,4-Trichlorobenzene	A	25.00	23.8	0.7186594	0.6857238		-4.6	30
1,2,4-Trimethylbenzene	A	25.00	25.4	1.961172	1.993021		1.6	30
1,2-Dibromo-3-Chloropropane	A	25.00	24.4	5.969343E-02	5.828439E-02		-2.4	30
1,2-Dibromoethane	A	25.00	25.2	0.2778377	0.2803635		0.9	30
1,2-Dichlorobenzene	A	25.00	24.6	1.369686	1.34946		-1.5	30
1,2-Dichloroethane	A	25.00	23.8	0.2119049	0.2014736		-4.9	30
1,2-Dichloropropane	A	25.00	24.9	0.2601485	0.2592518		-0.3	20
1,3,5-Trimethylbenzene	A	25.00	25.8	1.80801	1.869438		3.4	30
1,3-Dichlorobenzene	A	25.00	24.3	1.435529	1.397382		-2.7	30
1,3-Dichloropropane	A	25.00	24.2	0.3956504	0.3837129		-3.0	30
1,4-Dichlorobenzene	A	25.00	24.0	1.592483	1.525733		-4.2	30
1,4-Dioxane - Screen	L	500.0	358	4.714765E-04	3.510089E-04		-28.4	30
1-Chlorohexane	A	25.00	25.6	0.271398	0.2773155		2.2	30
2,2-Dichloropropane	A	25.00	25.5	0.2226597	0.226858		1.9	30
2-Butanone	A	125.0	127	1.120926E-02	1.142708E-02		1.9	30
2-Chlorotoluene	A	25.00	25.0	1.757068	1.760607		0.2	30
2-Hexanone	A	125.0	127	0.1266346	0.1282657		1.3	30
4-Chlorotoluene	A	25.00	25.3	1.831548	1.851634		1.1	30
4-Isopropyltoluene	A	25.00	25.5	1.870716	1.908602		2.0	30
4-Methyl-2-Pentanone	A	125.0	126	4.936177E-02	4.967757E-02		0.6	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1002006
Lab File ID:	M338475.D	Calibration Date:	02/10/10 00:00
Sequence:	CTB0142	Injection Date:	02/19/10
Lab Sample ID:	CTB0142-CCV1	Injection Time:	08:58

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	125.0	124	9.291628E-03	9.235589E-03		-0.6	30
Benzene	A	25.00	24.5	0.9476319	0.93023		-1.8	30
Bromobenzene	A	25.00	25.4	0.9512868	0.9684978		1.8	30
Bromochloromethane	A	25.00	24.6	0.1658645	0.1632462		-1.6	30
Bromodichloromethane	A	25.00	25.4	0.2745184	0.2782978		1.4	30
Bromoform	L	25.00	23.7	0.184303	0.1961002	0.1	-5.2	30
Bromomethane	A	25.00	24.8	0.1710547	0.1693281		-1.0	30
Carbon Disulfide	A	25.00	26.0	0.6830948	0.7103253		4.0	30
Carbon Tetrachloride	A	25.00	25.2	0.2501299	0.2522592		0.9	30
Chlorobenzene	A	25.00	23.8	0.9603782	0.9158696	0.3	-4.6	30
Chloroethane	A	25.00	24.1	0.1180783	0.1138948		-3.5	30
Chloroform	A	25.00	23.8	0.4072841	0.3872587		-4.9	20
Chloromethane	A	25.00	23.0	0.2631007	0.2422174	0.1	-7.9	30
cis-1,2-Dichloroethene	A	25.00	24.8	0.2963705	0.2935598		-0.9	30
cis-1,3-Dichloropropene	A	25.00	25.7	0.2952112	0.303257		2.7	30
Dibromochloromethane	A	25.00	25.8	0.3251666	0.3362078		3.4	30
Dibromomethane	A	25.00	24.3	0.1638318	0.1591653		-2.8	30
Dichlorodifluoromethane	A	25.00	22.2	0.2180486	0.1940745		-11.0	30
Diethyl Ether	A	25.00	25.0	0.1417369	0.1417876		0.04	30
Di-isopropyl ether	A	25.00	25.5	0.8614585	0.8775457		1.9	30
Ethyl tertiary-butyl ether	A	25.00	24.3	0.5558933	0.540017		-2.9	30
Ethylbenzene	A	25.00	25.1	1.19289	1.195796		0.2	20
Hexachlorobutadiene	A	25.00	23.2	0.309749	0.2872534		-7.3	30
Hexachloroethane	A	25.00	25.8	0.3559902	0.3679168		3.4	30
Isopropylbenzene	A	25.00	25.6	2.371764	2.428193		2.4	30
Methyl tert-Butyl Ether	A	25.00	23.9	0.3587102	0.3435713		-4.2	30
Methylene Chloride	A	25.00	23.7	0.2849471	0.2705039		-5.1	30
Naphthalene	A	25.00	23.0	1.217804	1.119305		-8.1	30
n-Butylbenzene	A	25.00	25.1	1.522413	1.530513		0.5	30

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Instrument ID:	VOA MS3	Calibration:	1002006
Lab File ID:	M338475.D	Calibration Date:	02/10/10 00:00
Sequence:	CTB0142	Injection Date:	02/19/10
Lab Sample ID:	CTB0142-CCV1	Injection Time:	08:58

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
n-Propylbenzene	A	25.00	25.8	2.493017	2.575581		3.3	30
sec-Butylbenzene	A	25.00	25.4	2.155214	2.192683		1.7	30
Styrene	A	25.00	25.6	0.8290823	0.8472655		2.2	30
tert-Butylbenzene	A	25.00	24.8	1.492161	1.483431		-0.6	30
Tertiary-amyl methyl ether	A	25.00	23.5	0.4216762	0.3964655		-6.0	30
Tetrachloroethene	A	25.00	24.7	0.264868	0.2615682		-1.2	30
Tetrahydrofuran	A	25.00	24.7	3.685365E-02	3.647321E-02		-1.0	30
Toluene	A	25.00	24.8	0.5712625	0.5676607		-0.6	20
trans-1,2-Dichloroethene	A	25.00	25.0	0.2638157	0.2635857		-0.09	30
trans-1,3-Dichloropropene	L	25.00	22.4	0.2071578	0.2186121		-10.6	30
Trichloroethene	A	25.00	24.8	0.2631906	0.2606479		-1.0	30
Trichlorofluoromethane	A	25.00	23.7	0.3361961	0.3185559		-5.2	30
Vinyl Acetate	A	25.00	23.0	0.3971196	0.3695323		-6.9	30
Vinyl Chloride	A	25.00	24.2	0.2186623	0.2117851		-3.1	20
Xylene O	A	25.00	25.6	0.4894909	0.502207		2.6	30
Xylene P,M	A	50.00	51.2	0.4807123	0.4927002		2.5	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Cal Standard (CTB0086-CAL1)			Lab File ID: M338363.D		Analyzed: 02/10/10 10:04			
1,2-Dichloroethane-d4	0.4000	138		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	0.4000	182		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	0.4000	138		10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.4000	115		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL2)			Lab File ID: M338364.D		Analyzed: 02/10/10 10:36			
1,2-Dichloroethane-d4	1.000	112		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	1.000	95		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	1.000	106		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	1.000	95		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL3)			Lab File ID: M338365.D		Analyzed: 02/10/10 11:08			
1,2-Dichloroethane-d4	5.000	112		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	5.000	105		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	5.000	111		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	5.000	102		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL4)			Lab File ID: M338366.D		Analyzed: 02/10/10 11:40			
1,2-Dichloroethane-d4	10.00	105		10.72	10.71667	0.0033	+/-1.0	
4-Bromofluorobenzene	10.00	106		19.44	19.44833	-0.0083	+/-1.0	
Dibromofluoromethane	10.00	108		10.02	10.01333	0.0067	+/-1.0	
Toluene-d8	10.00	102		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL5)			Lab File ID: M338367.D		Analyzed: 02/10/10 12:12			
1,2-Dichloroethane-d4	25.00	108		10.71	10.71667	-0.0067	+/-1.0	
4-Bromofluorobenzene	25.00	111		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	25.00	113		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	25.00	109		14.88	14.88167	-0.0017	+/-1.0	
Cal Standard (CTB0086-CAL6)			Lab File ID: M338368.D		Analyzed: 02/10/10 12:44			
1,2-Dichloroethane-d4	50.00	107		10.72	10.71667	0.0033	+/-1.0	
4-Bromofluorobenzene	50.00	112		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	50.00	113		10.02	10.01333	0.0067	+/-1.0	
Toluene-d8	50.00	110		14.89	14.88167	0.0083	+/-1.0	
Cal Standard (CTB0086-CAL7)			Lab File ID: M338369.D		Analyzed: 02/10/10 13:16			
1,2-Dichloroethane-d4	100.0	111		10.73	10.71667	0.0133	+/-1.0	
4-Bromofluorobenzene	100.0	118		19.45	19.44833	0.0017	+/-1.0	
Dibromofluoromethane	100.0	116		10.01	10.01333	-0.0033	+/-1.0	
Toluene-d8	100.0	115		14.88	14.88167	-0.0017	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0142	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (CTB0142-CCV1)			Lab File ID: M338475.D		Analyzed: 02/19/10 08:58			
1,2-Dichloroethane-d4	25.00	93	0 - 200	10.7	10.71667	-0.0167	+/-1.0	
4-Bromofluorobenzene	25.00	98	0 - 200	19.42	19.44833	-0.0283	+/-1.0	
Dibromofluoromethane	25.00	97	0 - 200	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	25.00	99	0 - 200	14.87	14.88167	-0.0117	+/-1.0	
LCS (CB01912-BS1)			Lab File ID: M338476.D		Analyzed: 02/19/10 09:30			
1,2-Dichloroethane-d4	0.02500	100	70 - 130	10.7	10.71667	-0.0167	+/-1.0	
4-Bromofluorobenzene	0.02500	104	70 - 130	19.42	19.44833	-0.0283	+/-1.0	
Dibromofluoromethane	0.02500	102	70 - 130	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.87	14.88167	-0.0117	+/-1.0	
LCS Dup (CB01912-BSD1)			Lab File ID: M338477.D		Analyzed: 02/19/10 10:02			
1,2-Dichloroethane-d4	0.02500	99	70 - 130	10.7	10.71667	-0.0167	+/-1.0	
4-Bromofluorobenzene	0.02500	106	70 - 130	19.42	19.44833	-0.0283	+/-1.0	
Dibromofluoromethane	0.02500	102	70 - 130	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.02500	107	70 - 130	14.86	14.88167	-0.0217	+/-1.0	
Blank (CB01912-BLK1)			Lab File ID: M338480.D		Analyzed: 02/19/10 11:37			
1,2-Dichloroethane-d4	0.02500	92	70 - 130	10.7	10.71667	-0.0167	+/-1.0	
4-Bromofluorobenzene	0.02500	102	70 - 130	19.42	19.44833	-0.0283	+/-1.0	
Dibromofluoromethane	0.02500	95	70 - 130	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.02500	105	70 - 130	14.86	14.88167	-0.0217	+/-1.0	
GWMWD (1002234-01)			Lab File ID: M338487.D		Analyzed: 02/19/10 15:20			
1,2-Dichloroethane-d4	0.02500	98	70 - 130	10.7	10.71667	-0.0167	+/-1.0	
4-Bromofluorobenzene	0.02500	99	70 - 130	19.42	19.44833	-0.0283	+/-1.0	
Dibromofluoromethane	0.02500	95	70 - 130	10	10.01333	-0.0133	+/-1.0	
Toluene-d8	0.02500	101	70 - 130	14.85	14.88167	-0.0317	+/-1.0	
GWMWD (1002234-01RE1)			Lab File ID: M338489.D		Analyzed: 02/19/10 16:23			
1,2-Dichloroethane-d4	0.02500	93	70 - 130	10.69	10.71667	-0.0267	+/-1.0	
4-Bromofluorobenzene	0.02500	101	70 - 130	19.42	19.44833	-0.0283	+/-1.0	
Dibromofluoromethane	0.02500	97	70 - 130	9.99	10.01333	-0.0233	+/-1.0	
Toluene-d8	0.02500	104	70 - 130	14.86	14.88167	-0.0217	+/-1.0	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (CTB0086-CAL1)			Lab File ID: M338363.D			Analyzed: 02/10/10 10:04			
Fluorobenzene	3172394	11.95	3286678	11.95	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2312427	17.25	2474263	17.25	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	935309	21.59	958807	21.59	98	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL2)			Lab File ID: M338364.D			Analyzed: 02/10/10 10:36			
Fluorobenzene	3307092	11.95	3286678	11.95	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2404650	17.25	2474263	17.25	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	961445	21.59	958807	21.59	100	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL3)			Lab File ID: M338365.D			Analyzed: 02/10/10 11:08			
Fluorobenzene	3286678	11.95	3286678	11.95	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2474263	17.25	2474263	17.25	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	958807	21.59	958807	21.59	100	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL4)			Lab File ID: M338366.D			Analyzed: 02/10/10 11:40			
Fluorobenzene	3278359	11.95	3286678	11.95	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2392974	17.25	2474263	17.25	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	978242	21.59	958807	21.59	102	50 - 200	0.0000	+/-0.50	
Cal Standard (CTB0086-CAL5)			Lab File ID: M338367.D			Analyzed: 02/10/10 12:12			
Fluorobenzene	3411728	11.96	3286678	11.95	104	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2477916	17.25	2474263	17.25	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1002889	21.61	958807	21.59	105	50 - 200	0.0200	+/-0.50	
Cal Standard (CTB0086-CAL6)			Lab File ID: M338368.D			Analyzed: 02/10/10 12:44			
Fluorobenzene	3445968	11.97	3286678	11.95	105	50 - 200	0.0200	+/-0.50	
Chlorobenzene-d5	2516598	17.25	2474263	17.25	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1026442	21.6	958807	21.59	107	50 - 200	0.0100	+/-0.50	
Cal Standard (CTB0086-CAL7)			Lab File ID: M338369.D			Analyzed: 02/10/10 13:16			
Fluorobenzene	3692845	11.96	3286678	11.95	112	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	2636156	17.26	2474263	17.25	107	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	1090350	21.61	958807	21.59	114	50 - 200	0.0200	+/-0.50	
Secondary Cal Check (CTB0086-SCV1)			Lab File ID: M338372.D			Analyzed: 02/10/10 14:52			
Fluorobenzene	3231763	11.98	3286678	11.95	98	50 - 200	0.0300	+/-0.50	
Chlorobenzene-d5	2395430	17.26	2474263	17.25	97	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	966783	21.6	958807	21.59	101	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0142	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration:	1002006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (CTB0142-CCV1)			Lab File ID: M338475.D			Analyzed: 02/19/10 08:58			
Fluorobenzene	3411737	11.95				50 - 200		+/-0.50	
Chlorobenzene-d5	2505897	17.23				50 - 200		+/-0.50	
1,4-Dichlorobenzene-D4	997231	21.59				50 - 200		+/-0.50	
LCS (CB01912-BS1)			Lab File ID: M338476.D			Analyzed: 02/19/10 09:30			
Fluorobenzene	3391212	11.93	3411737	11.95	99	50 - 200	-0.0200	+/-0.50	
Chlorobenzene-d5	2443272	17.23	2505897	17.23	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	993327	21.59	997231	21.59	100	50 - 200	0.0000	+/-0.50	
LCS Dup (CB01912-BSD1)			Lab File ID: M338477.D			Analyzed: 02/19/10 10:02			
Fluorobenzene	3443536	11.95	3411737	11.95	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2471780	17.23	2505897	17.23	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	981795	21.59	997231	21.59	98	50 - 200	0.0000	+/-0.50	
Blank (CB01912-BLK1)			Lab File ID: M338480.D			Analyzed: 02/19/10 11:37			
Fluorobenzene	3401274	11.95	3411737	11.95	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	2565611	17.23	2505897	17.23	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1064279	21.59	997231	21.59	107	50 - 200	0.0000	+/-0.50	
GWMWD (1002234-01)			Lab File ID: M338487.D			Analyzed: 02/19/10 15:20			
Fluorobenzene	3458992	11.93	3411737	11.95	101	50 - 200	-0.0200	+/-0.50	
Chlorobenzene-d5	2733898	17.23	2505897	17.23	109	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-D4	1115321	21.59	997231	21.59	112	50 - 200	0.0000	+/-0.50	
GWMWD (1002234-01RE1)			Lab File ID: M338489.D			Analyzed: 02/19/10 16:23			
Fluorobenzene	3320550	11.94	3411737	11.95	97	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	2523413	17.22	2505897	17.23	101	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-D4	999770	21.58	997231	21.59	100	50 - 200	-0.0100	+/-0.50	

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Sequence:	CTB0086	Instrument:	VOA MS3
Calibration:	1002006		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
0B10035	8260 BFB Tune MS-3 AQ	CTB0086-TUN1	M338362.D	02/10/10 09:32
0B10036	8260 ICAL1 MS-3 AQ	CTB0086-CAL1	M338363.D	02/10/10 10:04
0B10037	8260 ICAL2 MS-3 AQ	CTB0086-CAL2	M338364.D	02/10/10 10:36
0B10038	8260 ICAL3 MS-3 AQ	CTB0086-CAL3	M338365.D	02/10/10 11:08
0B10039	8260 ICAL4 MS-3 AQ	CTB0086-CAL4	M338366.D	02/10/10 11:40
0B10040	8260 ICAL5 MS-3 AQ	CTB0086-CAL5	M338367.D	02/10/10 12:12
0B10041	8260 ICAL6 MS-3 AQ	CTB0086-CAL6	M338368.D	02/10/10 12:44
0B10042	8260 ICAL7 MS-3 AQ	CTB0086-CAL7	M338369.D	02/10/10 13:16
0B10043	8260 SCV1 MS-3 AQ	CTB0086-SCV1	M338372.D	02/10/10 14:52

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Lab File ID:	M338362.D	Injection Date:	02/10/10
Instrument ID:	VOA MS3	Injection Time:	09:32
Sequence:	CTB0086	Lab Sample ID:	CTB0086-TUN1
Calibration:	1002006		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
96	5 - 9% of 95	7.14	PASS
95	Base peak, 100% relative abundance	100	PASS
75	30 - 60% of 95	39.4	PASS
50	15 - 40% of 95	17	PASS
177	5 - 9% of 176	7.27	PASS
176	95 - 101% of 174	95.6	PASS
175	5 - 9% of 174	7.77	PASS
174	50 - 100% of 95	79.4	PASS
173	Less than 2% of 174	0	PASS

INITIAL CALIBRATION DATA
8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	1002006	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	02/10/10 00:00

	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
Compound	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.4	~~0.3469299~~	1	0.2967792	5	0.3001702	10	0.29306	25	0.3133827	50	0.3229711
1,1,1-Trichloroethane	0.4	~~0.2785357~~	1	0.2768747	5	0.2703368	10	0.2613617	25	0.2729356	50	0.2811669
1,1,2,2-Tetrachloroethane	0.4	0.8394953	1	0.6916412	5	0.7645126	10	0.6549479	25	0.7037858	50	0.6948434
1,1,2-Trichloroethane	0.4	~~0.1594813~~	1	0.1609571	5	0.1631891	10	0.1531223	25	0.1611547	50	0.1616386
1,1-Dichloroethane	0.4	~~0.4586639~~	1	0.434498	5	0.4123951	10	0.4016217	25	0.420996	50	0.4230908
1,1-Dichloroethene	0.4	~~0.2668332~~	1	0.2289398	5	0.2272051	10	0.2146676	25	0.21914	50	0.2229553
1,1-Dichloropropene	0.4	~~0.2877756~~	1	0.2679998	5	0.2744382	10	0.2721133	25	0.2856183	50	0.2833427
1,2,3-Trichlorobenzene	0.4	~~0.546544~~	1	0.5362761	5	0.5505905	10	0.5387777	25	0.5840248	50	0.6044146
1,2,3-Trichloropropane	0.4	~~0.4891432~~	1	0.4386886	5	0.4671482	10	0.4429988	25	0.4651133	50	0.4464329
1,2,4-Trichlorobenzene	0.4	~~0.7801566~~	1	0.6550557	5	0.7083334	10	0.6770794	25	0.7224299	50	0.7585606
1,2,4-Trimethylbenzene	0.4	~~2.060749~~	1	1.704206	5	1.928537	10	1.83438	25	2.060184	50	2.073142
1,2-Dibromo-3-Chloropropane	0.4		1	4.506238E-02	5	5.854671E-02	10	5.632042E-02	25	6.159007E-02	50	6.724881E-02
1,2-Dibromoethane	0.4	~~0.2298451~~	1	0.2417504	5	0.2685042	10	0.263979	25	0.2879807	50	0.2948445
1,2-Dichlorobenzene	0.4	~~1.602946~~	1	1.327949	5	1.414664	10	1.294386	25	1.379817	50	1.38276
1,2-Dichloroethane	0.4	~~0.2610016~~	1	0.2206621	5	0.2168223	10	0.2008085	25	0.2102442	50	0.208794
1,2-Dichloropropane	0.4	~~0.2804861~~	1	0.2545665	5	0.2639322	10	0.248982	25	0.2619969	50	0.2634599
1,3,5-Trimethylbenzene	0.4	~~1.758844~~	1	1.561686	5	1.766873	10	1.726861	25	1.864883	50	1.913991
1,3-Dichlorobenzene	0.4	~~1.698837~~	1	1.430113	5	1.458766	10	1.341256	25	1.430861	50	1.459896
1,3-Dichloropropane	0.4	~~0.4237431~~	1	0.3782359	5	0.388738	10	0.3755463	25	0.4004252	50	0.4025248
1,4-Dichlorobenzene	0.4	~~2.060616~~	1	1.675447	5	1.651354	10	1.498686	25	1.544322	50	1.567446
1,4-Dioxane - Screen	8		20		100	1.937367E-04	200	5.059315E-04	500	4.575541E-04	1000	5.784514E-04
1-Chlorohexane	0.4	~~0.3550112~~	1	0.2720146	5	0.2425369	10	0.255196	25	0.2696847	50	0.2880615
2,2-Dichloropropane	0.4	~~0.2744379~~	1	0.2240337	5	0.2150637	10	0.211207	25	0.222411	50	0.2287669
2-Butanone	2		5	~~7.033369E-03~~	25	1.017958E-02	50	0.0108385	125	1.110675E-02	250	0.0117331
2-Chlorotoluene	0.4	~~2.054~~	1	1.718585	5	1.759692	10	1.650688	25	1.761867	50	1.789088
2-Hexanone	2	~~0.1083007~~	5	0.116886	25	0.1115714	50	0.1154889	125	0.1285516	250	0.1397414
4-Chlorotoluene	0.4	~~1.921825~~	1	1.705818	5	1.822828	10	1.734182	25	1.879467	50	1.861663
4-Isopropyltoluene	0.4	~~1.851594~~	1	1.730676	5	1.798146	10	1.742831	25	1.903169	50	1.970278
4-Methyl-2-Pentanone	2	~~4.673521E-02~~	5	4.347929E-02	25	4.810785E-02	50	0.0466308	125	0.0508302	250	5.360758E-02
Acetone	2	~~1.903531E-02~~	5	1.154791E-02	25	9.427452E-03	50	8.498459E-03	125	8.763594E-03	250	8.644799E-03
Benzene	0.4	~~0.9861638~~	1	0.9621444	5	0.9482143	10	0.8964531	25	0.9321836	50	0.9595173

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
Compound	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	0.4	~~0.9332477~~	1	0.8689005	5	0.9747686	10	0.9057217	25	0.9685489	50	0.985101
Bromochloromethane	0.4	~~0.1912987~~	1	0.171616	5	0.170899	10	0.1631281	25	0.1624215	50	0.163311
Bromodichloromethane	0.4	~~0.2738271~~	1	0.2596239	5	0.2576918	10	0.2578569	25	0.2774749	50	0.2892965
Bromoform	0.4	~~0.1630322~~	1	0.1426611	5	0.1676701	10	0.1699924	25	0.1886961	50	0.2090103
Bromomethane	0.4	~~0.2069809~~	1	0.1607455	5	0.1695161	10	0.1585282	25	0.1698497	50	0.1772669
Carbon Disulfide	0.4	~~0.7058746~~	1	0.6369644	5	0.6481012	10	0.63154	25	0.7040453	50	0.7279828
Carbon Tetrachloride	0.4	~~0.255308~~	1	0.241345	5	0.244026	10	0.2395253	25	0.2496345	50	0.2557863
Chlorobenzene	0.4	~~1.1089~~	1	0.9919947	5	0.927167	10	0.9201636	25	0.9629277	50	0.9461553
Chloroethane	0.4	~~0.1829848~~	1	0.1379308	5	0.1184387	10	0.114886	25	0.1124281	50	0.1132521
Chloroform	0.4	~~0.5154822~~	1	0.4317691	5	0.4136456	10	0.3878686	25	0.3959132	50	0.4048317
Chloromethane	0.4	~~0.3631524~~	1	0.2999841	5	0.2632156	10	0.250887	25	0.2497339	50	0.2533439
cis-1,2-Dichloroethene	0.4	~~0.3071419~~	1	0.3243938	5	0.2927941	10	0.2856238	25	0.2889483	50	0.2886755
cis-1,3-Dichloropropene	0.4	0.2751471	1	0.2470978	5	0.2812688	10	0.2822952	25	0.3055543	50	0.3289016
Dibromochloromethane	0.4	0.3220912	1	0.2742395	5	0.3034116	10	0.3067532	25	0.3363722	50	0.3540691
Dibromomethane	0.4	~~0.1785127~~	1	0.1612519	5	0.1659335	10	0.1607153	25	0.1634401	50	0.1659095
Dichlorodifluoromethane	0.4	~~0.238424~~	1	0.2379432	5	0.219232	10	0.2145738	25	0.2109468	50	0.2111349
Diethyl Ether	0.4	~~0.1406075~~	1	0.144175	5	0.1363565	10	0.1332526	25	0.140646	50	0.1479584
Di-isopropyl ether	0.4	~~0.9265085~~	1	0.8464083	5	0.8420219	10	0.8239137	25	0.864454	50	0.8895203
Ethyl tertiary-butyl ether	0.4	~~0.6147369~~	1	0.5710757	5	0.5361584	10	0.5165526	25	0.5546811	50	0.5772292
Ethylbenzene	0.4	~~1.219011~~	1	1.12114	5	1.132208	10	1.131579	25	1.221195	50	1.252088
Hexachlorobutadiene	0.4	0.3537601	1	0.3426093	5	0.2951585	10	0.2751466	25	0.2995117	50	0.3043869
Hexachloroethane	0.4	~~0.3796205~~	1	0.318765	5	0.3313545	10	0.3217685	25	0.363104	50	0.3849487
Isopropylbenzene	0.4	~~2.281733~~	1	2.123782	5	2.329124	10	2.243752	25	2.414864	50	2.527978
Methyl tert-Butyl Ether	0.4	~~0.3652998~~	1	0.3576934	5	0.356197	10	0.3308568	25	0.3622291	50	0.3672795
Methylene Chloride	0.4	~~0.3402793~~	1	0.313372	5	0.2929295	10	0.2723146	25	0.2813302	50	0.2762141
Naphthalene	0.4	~~1.451993~~	1	1.047304	5	1.175226	10	1.134275	25	1.25191	50	1.327877
n-Butylbenzene	0.4	~~1.418649~~	1	1.303325	5	1.478843	10	1.440145	25	1.590981	50	1.638586
n-Propylbenzene	0.4	~~2.318485~~	1	2.150461	5	2.344773	10	2.361867	25	2.580036	50	2.690527
sec-Butylbenzene	0.4	~~2.235825~~	1	1.97185	5	2.11382	10	2.024297	25	2.244488	50	2.234978
Styrene	0.4	~~0.7555914~~	1	0.646643	5	0.7673538	10	0.7863217	25	0.8728355	50	0.9164761
tert-Butylbenzene	0.4	~~1.520487~~	1	1.353068	5	1.48691	10	1.400919	25	1.504547	50	1.561266

INITIAL CALIBRATION DATA
8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
Compound	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	0.4	~~0.4471978~~	1	0.4292517	5	0.4327059	10	0.3968083	25	0.4078663	50	0.4180744
Tetrachloroethene	0.4	~~0.2839279~~	1	0.2740316	5	0.2631167	10	0.250477	25	0.2613228	50	0.2625411
Tetrahydrofuran	0.4	~~0.0814448~~	1	~~7.308536E-02~~	5	4.203028E-02	10	3.520816E-02	25	3.293375E-02	50	3.639384E-02
Toluene	0.4	~~0.5872143~~	1	0.5394089	5	0.5619261	10	0.5605815	25	0.5798587	50	0.5883472
trans-1,2-Dichloroethene	0.4	~~0.285372~~	1	0.2763757	5	0.2594504	10	0.2492215	25	0.2616771	50	0.2657613
trans-1,3-Dichloropropene	0.4	0.1667707	1	0.1581752	5	0.1970911	10	0.1937669	25	0.2247055	50	0.2440361
Trichloroethene	0.4	~~0.2813333~~	1	0.2693227	5	0.267279	10	0.2525204	25	0.2556356	50	0.2659334
Trichlorofluoromethane	0.4	~~0.4189265~~	1	0.3676266	5	0.342011	10	0.3213223	25	0.3226482	50	0.3296728
Vinyl Acetate	0.4	~~0.9901631~~	1	0.4145334	5	0.369236	10	0.379481	25	0.3840488	50	0.4098346
Vinyl Chloride	0.4	~~0.2675818~~	1	0.2411484	5	0.229055	10	0.2093669	25	0.212541	50	0.209402
Xylene O	0.4	~~0.4803665~~	1	0.4311126	5	0.4723144	10	0.4782187	25	0.5111925	50	0.512468
Xylene P,M	0.8	~~0.5021375~~	2	0.4093267	10	0.460237	20	0.4693887	50	0.5046368	100	0.5044358
1,2-Dichloroethane-d4	0.4	~~0.2189198~~	1	0.1987169	5	0.1789558	10	0.1687574	25	0.1729816	50	0.1716931
4-Bromofluorobenzene	0.4	~~0.6196952~~	1	0.3519015	5	0.3569002	10	0.3608564	25	0.376897	50	0.3795616
Dibromofluoromethane	0.4	~~0.3807062~~	1	0.3371693	5	0.3096364	10	0.3021779	25	0.3155788	50	0.3155241
Toluene-d8	0.4	~~1.195822~~	1	1.057254	5	1.067615	10	1.068606	25	1.14506	50	1.151954

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	100	0.3461065										
1,1,1-Trichloroethane	100	0.2897158										
1,1,2,2-Tetrachloroethane	100	0.7008348										
1,1,2-Trichloroethane	100	0.1627515										
1,1-Dichloroethane	100	0.4237463										
1,1-Dichloroethene	100	0.2247096										
1,1-Dichloropropene	100	0.3036565										
1,2,3-Trichlorobenzene	100	0.6058917										
1,2,3-Trichloropropane	100	0.4462326										
1,2,4-Trichlorobenzene	100	0.7904973										
1,2,4-Trimethylbenzene	100	2.16658										
1,2-Dibromo-3-Chloropropane	100	6.939217E-02										
1,2-Dibromoethane	100	0.3099675										
1,2-Dichlorobenzene	100	1.418537										
1,2-Dichloroethane	100	0.2140985										
1,2-Dichloropropane	100	0.2679534										
1,3,5-Trimethylbenzene	100	2.013768										
1,3-Dichlorobenzene	100	1.492284										
1,3-Dichloropropane	100	0.428432										
1,4-Dichlorobenzene	100	1.617641										
1,4-Dioxane - Screen	2000	6.21709E-04										
1-Chlorohexane	100	0.3008946										
2,2-Dichloropropane	100	0.2344756										
2-Butanone	500	1.218835E-02										
2-Chlorotoluene	100	1.862487										
2-Hexanone	500	0.1475684										
4-Chlorotoluene	100	1.985327										
4-Isopropyltoluene	100	2.079194										
4-Methyl-2-Pentanone	500	5.351492E-02										
Acetone	500	8.867553E-03										
Benzene	100	0.9872788										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Bromobenzene	100	1.00468										
Bromochloromethane	100	0.1638112										
Bromodichloromethane	100	0.3051666										
Bromoform	100	0.2277879										
Bromomethane	100	0.190422										
Carbon Disulfide	100	0.7499353										
Carbon Tetrachloride	100	0.2704625										
Chlorobenzene	100	1.013861										
Chloroethane	100	0.1115344										
Chloroform	100	0.4096764										
Chloromethane	100	0.2614394										
cis-1,2-Dichloroethene	100	0.2977873										
cis-1,3-Dichloropropene	100	0.3462138										
Dibromochloromethane	100	0.3792296										
Dibromomethane	100	0.1657404										
Dichlorodifluoromethane	100	0.2144612										
Diethyl Ether	100	0.1480331										
Di-isopropyl ether	100	0.9024329										
Ethyl tertiary-butyl ether	100	0.5796629										
Ethylbenzene	100	1.29913										
Hexachlorobutadiene	100	0.2976696										
Hexachloroethane	100	0.4160006										
Isopropylbenzene	100	2.591083										
Methyl tert-Butyl Ether	100	0.3780052										
Methylene Chloride	100	0.2735222										
Naphthalene	100	1.370234										
n-Butylbenzene	100	1.682595										
n-Propylbenzene	100	2.830437										
sec-Butylbenzene	100	2.341851										
Styrene	100	0.9848639										
tert-Butylbenzene	100	1.646258										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Tertiary-amyl methyl ether	100	0.4453505										
Tetrachloroethene	100	0.2777189										
Tetrahydrofuran	100	3.770223E-02										
Toluene	100	0.5974527										
trans-1,2-Dichloroethene	100	0.2704084										
trans-1,3-Dichloropropene	100	0.2655591										
Trichloroethene	100	0.2684528										
Trichlorofluoromethane	100	0.3338958										
Vinyl Acetate	100	0.4255836										
Vinyl Chloride	100	0.2104608										
Xylene O	100	0.531639										
Xylene P,M	200	0.5362491										
1,2-Dichloroethane-d4	100	0.1776941										
4-Bromofluorobenzene	100	0.4014986										
Dibromofluoromethane	100	0.3235054										
Toluene-d8	100	1.206044										

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3120783	6.433986	17.175	4.769021E-02			15	
1,1,1-Trichloroethane	0.2753986	3.517362	10.985	7.505126E-02			15	
1,1,2,2-Tetrachloroethane	0.7214373	8.496733	18.66286	2.384392E-02			SPCC (0.3)	
1,1,2-Trichloroethane	0.1604689	2.309258	14.69	0.0184609			15	
1,1-Dichloroethane	0.4193913	2.67255	8.608333	0.1143077			SPCC (0.1)	
1,1-Dichloroethene	0.2229362	2.375185	6.921667	6.116163E-02			CCC (30)	
1,1-Dichloropropene	0.2811948	4.584509	11.28167	3.736405E-02			15	
1,2,3-Trichlorobenzene	0.5699959	5.634944	25.19333	2.232619E-02			15	
1,2,3-Trichloropropane	0.4511024	2.658438	18.935	3.187132E-02			15	
1,2,4-Trichlorobenzene	0.7186594	6.998461	24.54	2.231413E-02			15	
1,2,4-Trimethylbenzene	1.961172	8.763918	21.32333	2.592004E-02			15	
1,2-Dibromo-3-Chloropropane	5.969343E-02	14.6332	22.69667	3.699046E-02			15	
1,2-Dibromoethane	0.2778377	8.824944	15.895	5.248449E-02			15	
1,2-Dichlorobenzene	1.369686	3.590878	22.08667	3.667937E-02			15	
1,2-Dichloroethane	0.2119049	3.277977	10.84	8.168163E-02			15	
1,2-Dichloropropane	0.2601485	2.693301	12.56167	0.0386773			CCC (30)	
1,3,5-Trimethylbenzene	1.80801	8.771602	20.75	4.124417E-02			15	
1,3-Dichlorobenzene	1.435529	3.591858	21.55	5.789125E-03			15	
1,3-Dichloropropane	0.3956504	4.926851	15.07333	3.454561E-02			15	
1,4-Dichlorobenzene	1.592483	4.233542	21.64	1.406038E-02			15	
1,4-Dioxane - Screen	4.714765E-04	35.57554	12.94	0.19765	0.99874		0.99	
1-Chlorohexane	0.271398	7.810209	17.20833	5.861053E-02			15	
2,2-Dichloropropane	0.2226597	3.851549	9.943333	4.914389E-02			15	
2-Butanone	1.120926E-02	6.969433	9.324	9.563573E-02			15	
2-Chlorotoluene	1.757068	4.021616	20.4	2.647731E-02			15	
2-Hexanone	0.1266346	11.49701	15.36333	9.027042E-02			15	
4-Chlorotoluene	1.831548	5.579513	20.53333	2.341311E-02			15	
4-Isopropyltoluene	1.870716	7.39392	21.71167	2.106153E-02			15	
4-Methyl-2-Pentanone	4.936177E-02	8.157249	13.94333	3.927013E-02			15	
Acetone	9.291628E-03	12.37947	6.311667	6.797474E-02			15	
Benzene	0.9476319	3.263467	11.62167	3.547033E-02			15	
Bromobenzene	0.9512868	5.504013	19.85833	4.932345E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Instrument: VOA MS3
Matrix: Aqueous
Calibration Date: 02/10/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Bromochloromethane	0.1658645	2.536552	9.75	0			15	
Bromodichloromethane	0.2745184	7.192048	12.7	6.914025E-02			15	
Bromoform	0.184303	16.69925	18.14	1.658642E-02	0.99886		SPCC (0.1)	
Bromomethane	0.1710547	6.821141	4.923333	0.2106777			15	
Carbon Disulfide	0.6830948	7.445035	7.475	7.316287E-02			15	
Carbon Tetrachloride	0.2501299	4.636723	11.55167	4.161482E-02			15	
Chlorobenzene	0.9603782	3.836865	17.30667	4.518698E-02			SPCC (0.3)	
Chloroethane	0.1180783	8.489944	5.158333	0.1463405			15	
Chloroform	0.4072841	3.736504	9.825	8.570421E-02			CCC (30)	
Chloromethane	0.2631007	7.183868	3.98	0.2247283			SPCC (0.1)	
cis-1,2-Dichloroethene	0.2963705	4.842591	9.5	9.376443E-02			15	
cis-1,3-Dichloropropene	0.2952112	11.50552	13.74143	6.683749E-02			15	
Dibromochloromethane	0.3251666	10.72637	15.49429	5.096475E-02			15	
Dibromomethane	0.1638318	1.467403	12.5	0			15	
Dichlorodifluoromethane	0.2180486	4.67865	3.695	0.2262777			15	
Diethyl Ether	0.1417369	4.307963	6.49	1.758089E-02			15	
Di-isopropyl ether	0.8614585	3.478288	9.343334	0.0561221			15	
Ethyl tertiary-butyl ether	0.5558933	4.543337	9.953333	5.013233E-02			15	
Ethylbenzene	1.19289	6.293598	17.65	0.013768			CCC (30)	
Hexachlorobutadiene	0.309749	9.041941	24.98143	2.166685E-02			15	
Hexachloroethane	0.3559902	10.99074	22.77167	1.309562E-02			15	
Isopropylbenzene	2.371764	7.400994	19.38833	2.276389E-02			15	
Methyl tert-Butyl Ether	0.3587102	4.39246	8.423333	5.965142E-02			15	
Methylene Chloride	0.2849471	5.551456	7.166667	0.1144135			15	
Naphthalene	1.217804	10.01498	24.89667	3.861726E-02			15	
n-Butylbenzene	1.522413	9.313502	22.23833	4.429056E-02			15	
n-Propylbenzene	2.493017	10.09925	20.25167	2.151373E-02			15	
sec-Butylbenzene	2.155214	6.615438	21.46167	1.635967E-02			15	
Styrene	0.8290823	14.54832	18.555	4.292383E-02			15	
tert-Butylbenzene	1.492161	7.116061	21.15333	5.786294E-02			15	
Tertiary-amyl methyl ether	0.4216762	4.191059	11.89333	3.623061E-02			15	
Tetrachloroethene	0.264868	3.688671	16.19167	2.789984E-02			15	

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory:	ESS Laboratory	SDG:	1002234
Client:	MACTEC Engineering & Consulting, Inc.	Project:	Textron Gorham
Calibration:	1002006	Instrument:	VOA MS3
Matrix:	Aqueous	Calibration Date:	02/10/10 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	3.685365E-02	9.181921	10.37	0.1174482			15	
Toluene	0.5712625	3.727897	14.99167	6.585771E-02			CCC (30)	
trans-1,2-Dichloroethene	0.2638157	3.562364	8.22	0.1091013			15	
trans-1,3-Dichloropropene	0.2071578	19.0963	14.44714	2.915903E-02	0.99887		0.99	
Trichloroethene	0.2631906	2.742334	12.63333	4.284056E-02			15	
Trichlorofluoromethane	0.3361961	5.107618	6.071667	6.757753E-02			15	
Vinyl Acetate	0.3971196	5.669509	8.871667	4.150681E-02			15	
Vinyl Chloride	0.2186623	6.10329	4.283333	0.1912202			CCC (30)	
Xylene O	0.4894909	7.425437	18.68	5.015111E-02			15	
Xylene P,M	0.4807123	9.239134	17.97833	2.898569E-02			15	
1,2-Dichloroethane-d4	0.1781331	6.048732	10.71667	7.580492E-02			15	
4-Bromofluorobenzene	0.3712692	4.972733	19.44833	1.677134E-02			15	
Dibromofluoromethane	0.3172653	3.800161	10.01333	4.962691E-02			15	
Toluene-d8	1.116089	5.418061	14.88167	2.317611E-02			15	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Laboratory ID: CTB0086-SCV1
Sequence: CTB0086
Standard ID: 0B10043

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
1,1,1,2-Tetrachloroethane	10.00	9.28	-7.2	
1,1,1-Trichloroethane	10.00	9.59	-4.1	
1,1,2,2-Tetrachloroethane	10.00	9.40	-6.0	
1,1,2-Trichloroethane	10.00	9.61	-3.9	
1,1-Dichloroethane	10.00	9.75	-2.5	
1,1-Dichloroethene	10.00	10.2	1.5	
1,1-Dichloropropene	10.00	9.79	-2.1	
1,2,3-Trichlorobenzene	10.00	9.43	-5.7	
1,2,3-Trichloropropane	10.00	9.15	-8.5	
1,2,4-Trichlorobenzene	10.00	8.93	-10.7	
1,2,4-Trimethylbenzene	10.00	10.0	0.1	
1,2-Dibromo-3-Chloropropane	10.00	8.55	-14.5	
1,2-Dibromoethane	10.00	9.45	-5.5	
1,2-Dichlorobenzene	10.00	9.47	-5.3	
1,2-Dichloroethane	10.00	9.32	-6.8	
1,2-Dichloropropane	10.00	9.48	-5.2	
1,3,5-Trimethylbenzene	10.00	9.66	-3.4	
1,3-Dichlorobenzene	10.00	9.34	-6.6	
1,3-Dichloropropane	10.00	9.75	-2.5	
1,4-Dichlorobenzene	10.00	9.08	-9.2	
1,4-Dioxane - Screen	200.0	193	-3.4	
1-Chlorohexane	10.00	9.73	-2.7	
2,2-Dichloropropane	10.00	8.55	-14.5	
2-Butanone	50.00	46.5	-7.1	
2-Chlorotoluene	10.00	9.68	-3.2	
2-Hexanone	50.00	45.4	-9.2	
4-Chlorotoluene	10.00	9.46	-5.4	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Laboratory ID: CTB0086-SCV1
Sequence: CTB0086
Standard ID: 0B10043

4-Isopropyltoluene	10.00	8.77	-12.3	
4-Methyl-2-Pentanone	50.00	47.6	-4.9	
Acetone	50.00	50.8	1.6	
Benzene	10.00	10.1	0.6	
Bromobenzene	10.00	9.52	-4.8	
Bromochloromethane	10.00	9.39	-6.1	
Bromodichloromethane	10.00	9.61	-3.9	
Bromoform	10.00	9.27	-7.3	
Bromomethane	10.00	11.3	12.7	
Carbon Disulfide	10.00	11.3	13.2	
Carbon Tetrachloride	10.00	9.60	-4.0	
Chlorobenzene	10.00	9.32	-6.8	
Chloroethane	10.00	10.1	1.3	
Chloroform	10.00	9.37	-6.3	
Chloromethane	10.00	9.72	-2.8	
cis-1,2-Dichloroethene	10.00	9.76	-2.4	
cis-1,3-Dichloropropene	10.00	9.28	-7.2	
Dibromochloromethane	10.00	9.00	-10.0	
Dibromomethane	10.00	9.21	-7.9	
Dichlorodifluoromethane	10.00	9.26	-7.4	
Diethyl Ether	10.00	10.4	4.2	
Di-isopropyl ether	10.00	9.85	-1.5	
Ethyl tertiary-butyl ether	10.00	9.37	-6.3	
Ethylbenzene	10.00	9.93	-0.7	
Hexachlorobutadiene	10.00	10.9	8.8	
Hexachloroethane	10.00	9.27	-7.3	
Isopropylbenzene	10.00	8.23	-17.7	
Methyl tert-Butyl Ether	10.00	9.59	-4.1	
Methylene Chloride	10.00	10.4	3.5	

SECOND-SOURCE CALIBRATION VERIFICATION

8260B

Laboratory: ESS Laboratory
SDG: 1002234
Client: MACTEC Engineering & Consulting, Inc.
Project: Textron Gorham
Calibration: 1002006
Laboratory ID: CTB0086-SCV1
Sequence: CTB0086
Standard ID: 0B10043

Naphthalene	10.00	9.13	-8.7	
n-Butylbenzene	10.00	9.33	-6.7	
n-Propylbenzene	10.00	9.41	-5.9	
sec-Butylbenzene	10.00	9.30	-7.0	
Styrene	10.00	9.20	-8.0	
tert-Butylbenzene	10.00	9.21	-7.9	
Tertiary-amyl methyl ether	10.00	9.88	-1.2	
Tetrachloroethene	10.00	9.28	-7.2	
Tetrahydrofuran	10.00	8.82	-11.8	
Toluene	10.00	11.0	9.9	
trans-1,2-Dichloroethene	10.00	10.5	4.6	
trans-1,3-Dichloropropene	10.00	8.22	-17.8	
Trichloroethene	10.00	9.64	-3.6	
Trichlorofluoromethane	10.00	8.20	-18.0	
Vinyl Acetate	10.00	9.60	-4.0	
Vinyl Chloride	10.00	9.26	-7.4	
Xylene O	10.00	10.5	5.0	
Xylene P,M	20.00	21.0	4.8	

* Values outside of QC limits

VOA
Logbooks

HOLDING TIME SUMMARY
8260B

Laboratory: ESS Laboratory SDG: 1002234

Client: MACTEC Engineering & Consulting, Inc. Project: Textron Gorham

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
GWMWD	02/19/10 10:40	02/19/10 12:15	02/19/10 14:30	0.16	14.00	02/19/10 15:20	0.19	14.00	
GWMWD	02/19/10 10:40	02/19/10 12:15	02/19/10 14:30	0.16	14.00	02/19/10 16:23	0.24	14.00	

Sample and Cooler Receipt Checklist

Client: Mactec
Client Project ID: _____
Shipped/Delivered Via: Client

ESS Project ID: 10020234
Date Project Due: 2/26/10
Days For Project: 5 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present?	* No	10. Are the samples properly preserved?	Yes
Air No.:		11. Proper sample containers used?	Yes
2. Were Custody Seals Present?	No	12. Any air bubbles in the VOA vials?	N/A
3. Were Custody Seals Intact?	N/A	13. Holding times exceeded?	No
4. Is Radiation count < 100 CPM?	Yes	14. Sufficient sample volumes?	Yes
5. Is a cooler present?	Yes	15. Any Subcontracting needed?	No
Cooler Temp: **5.2**		16. Are ESS labels on correct containers?	Yes/No
Iced With: **Icepacks**		17. Were samples received intact?	Yes/No
6. Was COC included with samples?	Yes	ESS Sample IDs: _____	
7. Was COC signed and dated by client?	Yes	Sub Lab: _____	
8. Does the COC match the sample	Yes	Analysis: _____	
9. Is COC complete and correct?	Yes	TAT: _____	

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?: _____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	40 ml - VOA	3	HCL

Completed By: STD STD Date/Time: 2-19-10
Reviewed By: CLD Date/Time: 2-19-10

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

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Turn Time: X Standard Other ____
If faster than 5 days, prior approval by laboratory is required #____
State where samples were collected from: MA (RI) CT NH NJ NY ME Other ____
Is this project for any of the following: MA-MCP Navy USACE Other ____

Reporting Limits: RI GWA
ESS LAB PROJECT ID: 1002234
Electronic Deliverable ___ Yes ___ No
Format: Excel__ Access__ PDF__ Other EDS

Co. Name	Project #	Project Name (20 Char. or less)
Maden Engineering	365005aa11	Textron Gorham

Contact Person	Address
Dave Heislein (PM)	107 Audubon Rd Bld 2 Suite 201

City	State	Zip	PO#
Wakefield	MA	01880	

Telephone #	Fax #	Email Address
781-245-6605		DEHeislein@Madencon

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Circle and/or Write Required Analysis
1	2/19/10	10:40		Y	GW	GWMWD	2	3	V	X

Circle and/or Write Required Analysis: 524.2 624 8260 VOA; VPH w/targets 8015 GRO 8021 MTBE/BTEX; 8015 DRO 8100 TPH; EPH 4 Diesel EPH w/PAHs EPH w/o PAHs; 608 PCB 608 Pesticides 8082 PCB 8081 Pesticides; PAH 8270 625 8270 SVOA; TAL23 PP13 RCRA8 RCRA5; NBC7 TCLP-RCRA8; MCP-METALS (13) w/Hg MCP-METALS (13)

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present: V Yes ___ No
Seals Intact: ___ Yes ___ No NA: ___
Cooler Temp: 5.2
Internal Use Only: [ ] Pickup [ ] Technicians____

Preservation Code: 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- ____

Sampled by: Mark Maggiore 339-927-3797
Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mark Maggiore	2/19/10 12:15	J Davis	2-19-10 12:15				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B