

June 8, 2006

Ms. Linda Ross, CPG
New York State Department of Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

RE: Second Quarter 2006 Groundwater Monitoring Report
April 2006 Sampling Event
Former Scott Aviation Facility
Lancaster, New York
NYSDEC Site Code No. 9-15-149

Dear Ms. Ross:

Earth Tech, Inc. is pleased to provide the Second Quarter 2006 Quarterly Groundwater Monitoring Report for the former Scott Aviation Facility located in Lancaster, New York (Figure 1). Quarterly groundwater monitoring activities have been performed in accordance with the New York State Department of Environmental Conservation (NYSDEC), Administrative Order on Consent (AOC), Index No. B9-0377095-05, for the former Scott Aviation property (formerly Figgie International), NYSDEC Site Code No. 9-15-149. This report has been developed in accordance with the *New York State Department of Environmental Conservation, Division of Environmental Remediation, Draft DER-10 Technical Guidance for Site Investigation and Remediation*, dated December 2002.

Groundwater samples were collected from select monitoring wells in fulfillment of the site AOC groundwater monitoring requirements. A new monitoring schedule was approved by the NYSDEC upon acceptance of the *Remedial Action Engineering Report, Earth Tech*, dated November 2005, and the wells sampled during this groundwater event reflected this new schedule. Additionally, vapor samples were collected as part of the April sampling event from the remediation system's air discharge sampling ports to ensure that the treated system effluent was in compliance with NYSDEC discharge guidance criteria. Included in this report is a description of the project background, groundwater and air monitoring activities, operation and maintenance (O&M) activities for the Dual Phase Extraction (DPE) system, and a summary of groundwater quality and treated vapor effluent results.

Project Background

Scott Aviation, Inc. was sold to Zodiac Acquisitions Corporation, and the facility is now occupied by AVOX Systems Inc. Responsibility for the groundwater remediation system located at 25 Walter Winter Drive, west of AVOX Plant No. 2 was retained by Scott Technologies, Inc., the former parent company of Scott Aviation, Inc. Scott Technologies has retained the services of Earth Tech for the ongoing operation and maintenance of the DPE remediation system, and groundwater monitoring activities.

Earth Tech conducted a site investigation during February 2003 in fulfillment of the document "Site Investigation Work Plan," dated December 31, 2002, approved by NYSDEC on January 15, 2003. A comprehensive Site Investigation Summary Report was submitted to NYSDEC on June 30, 2003; the report was approved by NYSDEC in August 2003. At the request of NYSDEC, Earth Tech prepared a *Remedial Design Work Plan* (RDWP) to complete the additional remedial work recommended in the Site Investigation

Summary Report. The RDWP was submitted on November 21, 2003, and was approved by NYSDEC on January 5, 2004.

Per the approved RDWP, a DPE remediation system was installed during the period of February 2004 through May 2004, and the DPE system was initially started on May 14, 2004. The DPE system was combined with a preexisting groundwater collection trench (GWCT) system. The objectives for this combined remediation system (collectively known as the DPE system) include: 1) maintaining hydraulic capture of groundwater containing dissolved volatile organic compounds (VOCs) along the western property boundary; 2) induce a depression in the water table surface and reverse the groundwater flow direction along the western property boundary; and 3) reduce VOC concentrations in perched groundwater and soil. Figure 2 depicts the location of groundwater monitoring wells, the DPE recovery wells and system piping, the enclosed DPE system trailer, and the preexisting GWCT and treatment building. Figure 3 shows the process and instrumentation diagram for the combined remediation system.

At the conclusion of the initial one-year O&M period (June 2004 to July 2005), a Remedial Action Engineering Report (RAER) was prepared to summarize the system design, system start-up, O&M activities, quarterly monitoring data, as well as provide recommendations for continued system operation, system optimization, sampling frequency, and O&M. The 2005 RAER was submitted to the NYSDEC on November 11, 2005. In a letter dated December 13, 2005, the NYSDEC accepted the 2005 RAER and requested the addition of monitoring wells MW-4, MW-8R, and MW-16S to the quarterly sampling schedule.

Quarterly Groundwater Monitoring Activities – April 2006

Earth Tech personnel collected quarterly groundwater samples on April 11-12, 2006, in accordance with the procedures outlined in the NYSDEC-approved RDWP. Monitoring wells sampled in April 2006 included MW-2, MW-3, MW-4, MW-6, MW-8R, MW-10, MW-11, MW-12, and MW-16S (Figure 2). Field forms generated during this sampling event are provided in Appendix A. Groundwater samples were analyzed for VOCs by United States Environmental Protection Agency (EPA) SW-846 Method 8260B by Severn Trent Laboratories, Inc. (STL) located in Amherst, New York.

Prior to the collection of groundwater samples, a complete round of groundwater levels were measured in all site wells and piezometers. Table 1 provides a summary of groundwater elevations measured on April 11, 2006. A summary of groundwater levels and corresponding elevations and hydrographs for each monitoring well and nested piezometer pair are provided in Appendix B. Monitoring wells MW-2, MW-3, MW-6, MW-8R, MW-9, MW-10, MW-11, and MW-12 are screened across both the shallow and deep groundwater zones. The nested piezometer pairs (MW-13S/D, MW-14S/D, MW-15S/D, and MW-16S/D) are discretely screened with one piezometer screened in the shallow overburden groundwater zone and one piezometer screened in the deep overburden groundwater zone. Figure 4 provides the groundwater surface contours and corresponding flow direction using monitoring well and deep piezometer water level data.

Groundwater elevations measured on April 11, 2006 ranged from 665.64 at MW14-D to 683.70 feet above mean sea level (AMSL) at MW-2. Based on the April 2006 water level measurements, the groundwater surface beneath the site exhibits a radial pattern (i.e., cone of depression) and groundwater flows inward towards the operating DPE recovery wells and the groundwater collection trench (GWCT). As Figure 4

illustrates, there is a depression in the water table surface that centers in the vicinity of extraction well DPE-2, and the DPE system continues to induce groundwater flow reversal along the western property boundary. This groundwater flow reversal provides sustained hydraulic capture of VOCs present in the overburden groundwater that may otherwise migrate off-site.

Groundwater Quality Results – April 2006

Table 2 summarizes the detected VOCs in groundwater samples collected in April 2006. Trend plots illustrating concentrations of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), and chloroethane are provided in Appendix C. The table below summarizes VOCs detected, their respective concentration ranges, the number of detections, and the number of those detections that exceeded the Site-specific Remedial Action Objectives (RAOs) or the New York Code of Rules and Regulations (NYCRR), Title 6, Part 702.15(a)(2) and 703.5.

Groundwater Quality Results April 2006

VOCs Detected in Groundwater	Concentration Range (µg/L)	Number of Detections	Remedial Action Objective/NYCRR Exceedances
Chloroethane	2.8 – 220	5	4
1,1-Dichloroethane	4.1 – 2,600	6	4
1,1-Dichloroethene	53	1	1
cis-1,2-Dichloroethene	9.0 – 56,000	4	4
Carbon Disulfate	3.5	1	0
Trichloroethene	3,200 – 260,000	3	3
Vinyl chloride	4.0 – 3,900	5	4

A total of seven VOCs were detected in groundwater during the monitoring period. Six of the seven VOCs detected exceeded either the Site-specific RAOs for groundwater or the NYCRR criteria. The most prevalent compounds detected in groundwater included TCE; cis-1,2-DCE; VC; chloroethane; and 1,1-DCA. The occurrence of these compounds is primarily in the vicinity of the former on-site source area, and VOC concentrations decrease significantly in the vicinity of the perimeter monitoring wells.

The presence and distribution of TCE daughter products (cis-1,2-DCE, VC, and chloroethane) and 1,1,1-TCA (1,1-DCA and chloroethane) provides supportive evidence that the attenuation of TCE and 1,1,1-TCA and its daughter products via reductive dechlorination is occurring naturally at the site. The occurrence of these daughter products appears to be directly related to the distribution of TCE in the subsurface. A limited number of other VOCs detected in overburden groundwater (1,1-dichloroethene and carbon disulfide) were detected sporadically at random locations with no observed spatial distribution trends.

VOC concentrations in groundwater are degrading as a result of naturally occurring reductive dechlorination processes. VOCs in soil vapor and groundwater are also decreasing as a result of extraction and treatment



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Ms. Linda Ross, CPG

June 8, 2006

Page 4

through the DPE system. A comparison of groundwater quality results for TCE for the monitoring wells and piezometers sampled during the monitoring period is provided below.

**Summary of TCE Concentrations in Groundwater
November 2003 through April 2006**

Well ID	TCE Concentration (µg/L)									Percent TCE Reduction from Jan 2006
	Nov 2003	April 2004	Oct 2004	Jan 2005	April 2005	July 2005	Oct 2005	Jan 2006	April 2006	
MW-2	NS	NS	NS	NS	<10	NS	NS	<25	<25	No change
MW-3	NS	NS	NS	NS	<10	NS	NS	<25	<25	No change
MW-4	270	NS	8,100	20,000	NS	NS	NS	6,500	3,200	51
MW-6	< 10	NS	< 10	< 10	< 10	< 5	< 5	< 5	< 5	No change
MW-8R	NS	NS	35,000	23,000	15,000	9,200	13,000	42,000	14,000	67
MW-10	NS	NS	NS	NS	<10	NS	NS	<5	<5	No change
MW-11	NS	NS	NS	NS	<10	NS	NS	2.2	<20	No apparent change
MW-12	NS	NS	13	< 10	< 10	< 5	< 5	<25	< 25	No change
MW-16S	NS	860,000	200,000	420,000	400,000	480,000	440,000	470,000	260,000	45

Notes:

NS – Not Sampled

During this quarterly groundwater monitoring period, TCE was not detected in the perimeter monitoring wells (MW-2, MW-3, MW-6, MW-10, MW-11, and MW-12). Based on these quarterly results, the combined DPE and GWCT treatment system appears to be successfully preventing additional migration of TCE off-site. Monitoring wells MW-4, MW-8R, and MW-16S are located within the middle of the site groundwater plume. Concentrations of TCE in all three wells decreased from the previous quarter. In addition, two of the wells (MW-8R and MW16-S) also showed decreases in the concentration of TCE from the previous year. MW-4 was not sampled in April 2005.

An electronic copy of the analytical laboratory data is provided as Appendix D on a compact disc (CD). A complete hard copy of the analytical data report is on file in Earth Tech's Greenville, South Carolina and Amherst, New York offices, and it can be made available upon request.

Quarterly DPE System Vapor Effluent Air Monitoring Activities – April 2006

Earth Tech personnel collected vapor effluent samples from the DPE system air discharge stacks on April 11, 2006. The first sample was obtained from the vapor effluent discharge for the DPE system, which is treated in series by two 500-pound granulated activated carbon (GAC) vessels. The second sample was obtained from the air stripper (AS) discharge. Summa canisters were used to collect air samples from permanent sample ports located on the two system air stacks. Air samples were analyzed for VOCs by Method TO-14A by STL Laboratories, Inc. located in Burlington, Vermont.

DPE System Effluent Air Monitoring Results – April 2006

The system vapor effluent results are summarized in Table 3, and an electronic copy of the analytical laboratory data package is provided on the enclosed CD in Appendix D (complete hard copy available in Earth Tech's Greenville, South Carolina and Amherst, New York offices). A total of seven VOCs were detected in the GAC effluent and seven VOCs were detected in the AS effluent. The total VOC discharge in the GAC effluent was 272,170 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and 3,400 $\mu\text{g}/\text{m}^3$ in the AS effluent. The calculated VOC discharge-loading rate for the entire DPE system was 0.09 pounds per hour (lb/hr), which is below the NYSDEC discharge guidance value of 0.5 lb/hr.

Dual Phase Extraction System Operation and Maintenance

Earth Tech monitored system performance, conducted routine O&M, and responded to system alarms and periodic breakdown of the DPE System. O&M activities performed during February, March and April 2006 included the following:

- Performed preventative maintenance activities such as replacing air filters and bag filters and monitoring the oil level in the liquid ring pump (LRP);
- During the second quarter 2006, the AS system ran continuously with the exception of April 13, 2006 when the system went down due to the AS outlet pump switch being mistakenly turned off. This in turn shut down the DPE system. On April 13, 2006, Earth Tech inspected the system and reset the AS outlet pump switch;
- On April 13, 2006, Earth Tech turned off heaters in the DPE trailer and installed LRP heat exchanger duct; and
- On April 25, 2006, Earth Tech performed the 2nd Quarter 2006 Erie County/Buffalo Pollution Discharge Elimination System (EC/BPDES) sampling event.

With the exception of the breakdown period noted above, the DPE system ran continuously during the monitoring period. Based on a system operational period from January 25, 2006 through April 13, 2006, the total DPE system runtime was approximately 100 percent. This runtime percentage was derived from the LRP run timer divided by the monitoring time period. During this operational period, the DPE system collected 79,420 gallons of groundwater at an average flow rate of 0.64 gallons per minute (gpm). The GWCT collected 293,750 gallons of groundwater at an average flow rate of 1.74 gpm. Therefore, the total volume of groundwater treated and discharged to the sanitary sewer by the AS was 373,170 gallons at a combined average flow rate of 2.38 gpm.

Summary

The DPE system continues to extract groundwater and soil vapors from recovery wells DPE-2, DPE-3, DPE-4, DPE-7, and DPE-8. Recovery wells DPE-1, DPE-5, and DPE-6 are currently not in operation due to the high amounts of lime historically recovered by these wells that led to continuous fouling of DPE recovery system piping and components. The high quantity of lime recovered by these three wells was the direct result of historical site soil remediation activities that mixed excavated soil with lime prior to backfilling in the vicinity of these extraction wells.



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Ms. Linda Ross, CPG

June 8, 2006

Page 6

During the April 2006 groundwater sampling event, TCE was not detected in any of the site perimeter monitoring wells (MW-2, MW-3, MW-6, MW-10, MW-11, and MW-12). Three source area monitoring wells (MW-4, MW-8R, and MW-16S) were also sampled, and all three showed a decrease in the concentration of TCE from the previous sampling event conducted in January 2006. In addition, MW-8R and MW-16S showed a decrease in the concentration of TCE as compared to one year earlier. MW-4 was not sampled in April 2005.

Based on the results of the April 2006 sampling event, the combined DPE and GWCT system continues to maintain hydraulic capture of the overburden groundwater. In addition, the system continues to make progress towards the reduction of the concentration of VOCs present in site soil and groundwater. If you have any questions regarding this submission, please do not hesitate to contact me at (864) 234-3053 or by email at timothy.renn@earthtech.com.

Sincerely,

Earth Tech, Inc.

A handwritten signature in black ink, appearing to read "Timothy S. Renn", followed by a long horizontal line extending to the right.

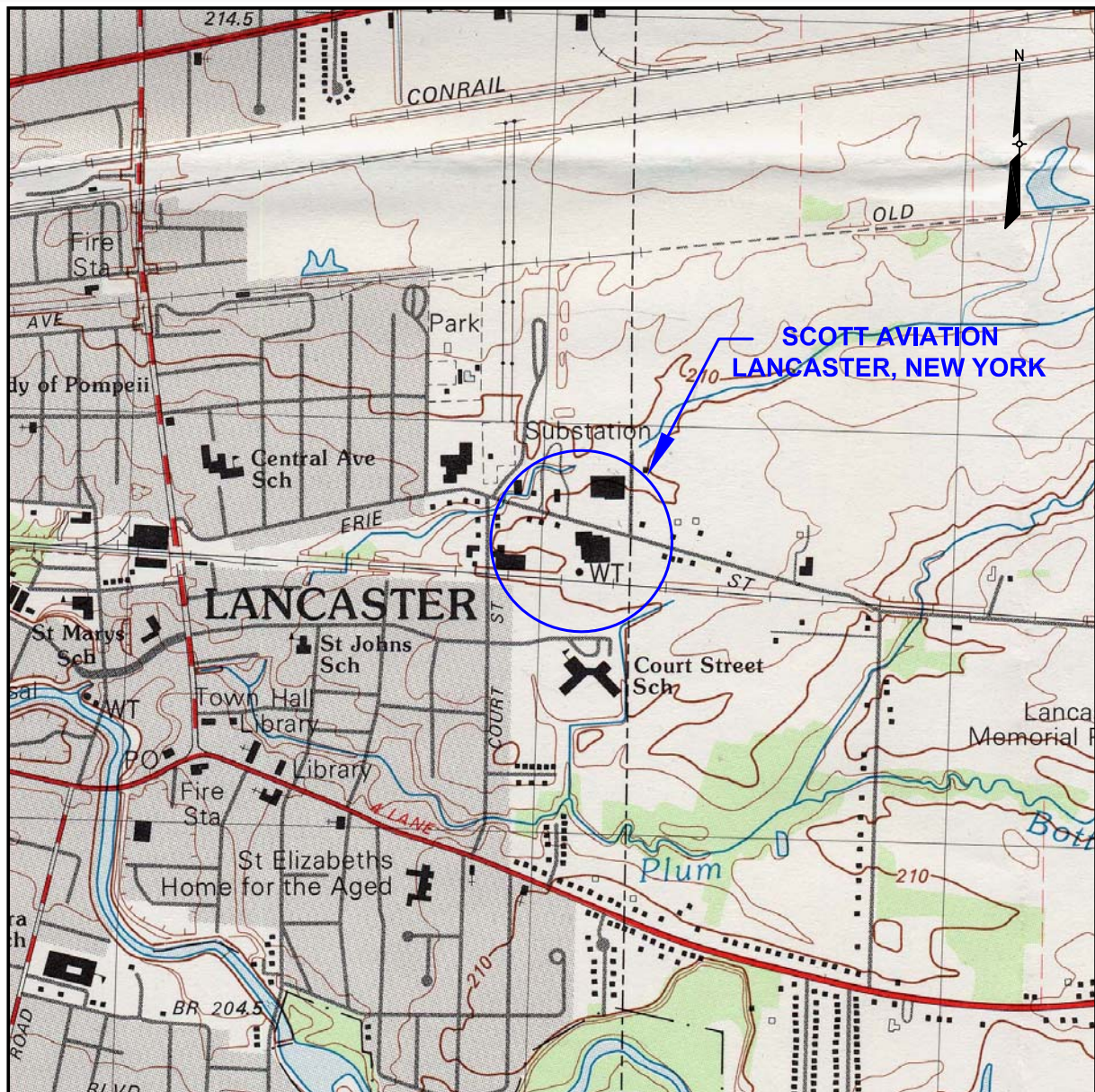
Timothy S. Renn, P.E.
Project Manager

\Enclosures

cc: Matt Forcucci, NYSDOH – Western Regional Office
Bill Saskowski, Avox Systems, Inc.
Kacey Fung, Tyco Safety Products
Dino Zack, Earth Tech
Project File 71149
Facility File

L:\work\71149\ADMIN\Reports\NYSDEC 2Q06 Rpt\2Q06 GW Report

FIGURES



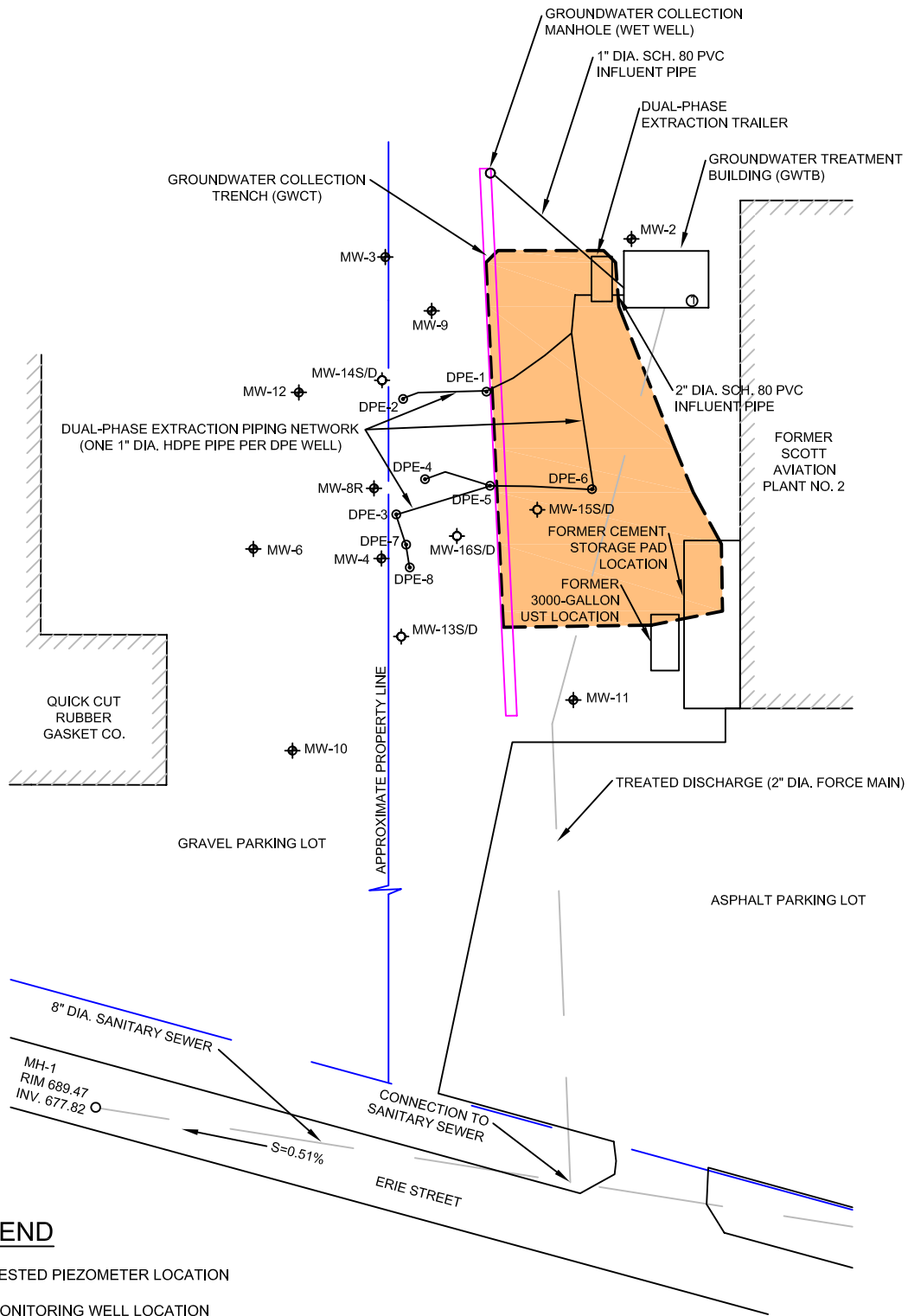
SOURCE:
1982 GEOLOGIC SURVEY 7.5 X 15 MINUTE TOPOGRAPHIC QUADRANGLE
LANCASTER, NEW YORK

0 1000 2000
SCALE IN FEET

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FIGURE 1
SITE LOCATION MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



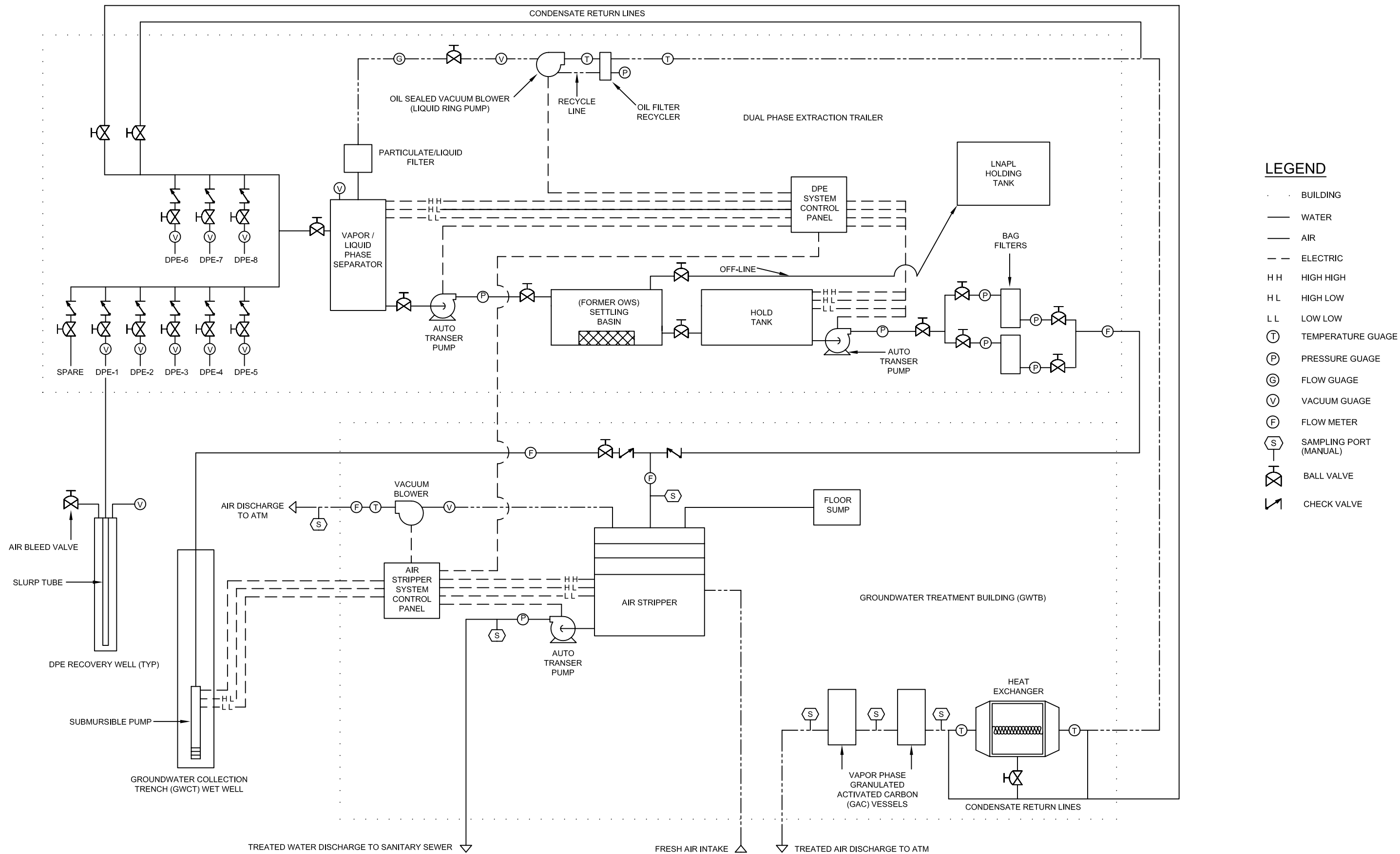
LEGEND

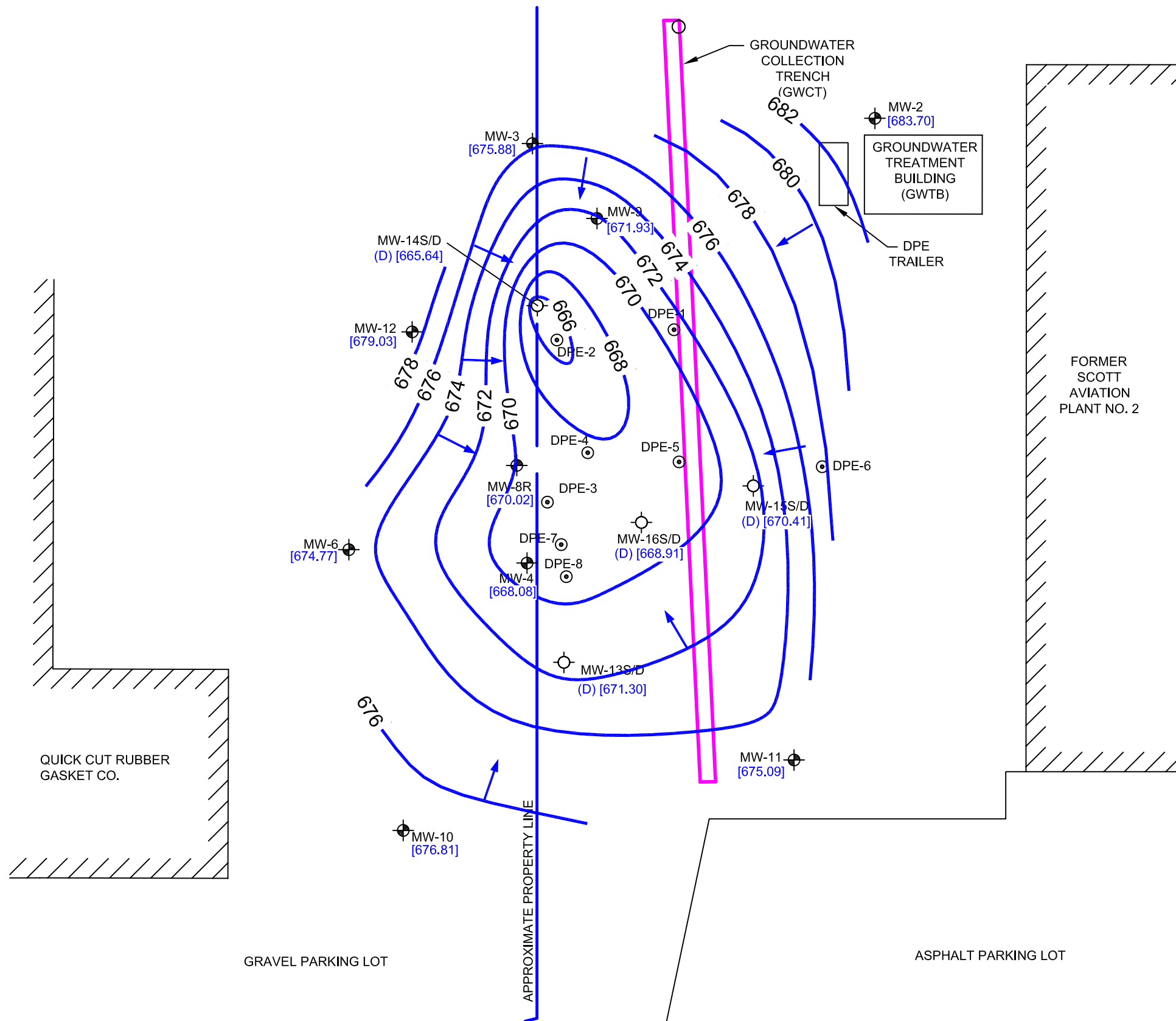
- MW-13S/D NESTED PIEZOMETER LOCATION
- MW-6 MONITORING WELL LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- APPROXIMATE LIMIT OF FORMER EXCAVATION
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER COLLECTION TRENCH (GWCT)
- SANITARY SEWER

0 30 60
SCALE IN FEET

FIGURE 2
SITE FEATURES MAP

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK



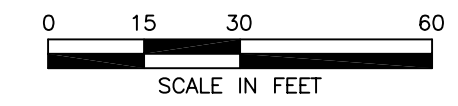


LEGEND

- MW-9 MONITORING WELL LOCATION
- MW-13S/D NESTED PIEZOMETER LOCATION
- DPE-8 DUAL-PHASE EXTRACTION WELL LOCATION
- [670.41] GROUNDWATER SURFACE ELEVATION IN FEET MSL
- 674 — ESTIMATED GROUNDWATER SURFACE CONTOUR IN FEET MSL
- GROUND WATER FLOW DIRECTION
- (S) SHALLOW PIEZOMETER
- (D) DEEP PIEZOMETER
- (NM) NOT MEASURED
- GROUNDWATER COLLECTION TRENCH (GWCT)
- APPROXIMATE PROPERTY BOUNDARY

NOTES

1. GROUNDWATER ELEVATIONS FROM THE DEEP PIEZOMETER PAIR LOCATIONS (i.e. MW-13D, MW-14D, MW-15D, MW-16D) WERE USED TO CREATE THE GROUNDWATER SURFACE CONTOURS.



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FIGURE 4
GROUNDWATER SURFACE CONTOUR MAP
APRIL 11, 2006

FORMER SCOTT AVIATION FACILITY
LANCASTER, NEW YORK

TABLES

Table 1
Quarterly Groundwater Monitoring Water Level Data – April 11, 2006
Former Scott Aviation Facility
Lancaster, New York

Monitoring Point Identification	Top of Casing Elevation	Depth to Water (feet from TOC)	Ground Water Elevation (feet MSL)
Monitoring Wells			
MW-2	690.35	6.65	683.70
MW-3	687.72	11.84	675.88
MW-4	686.64	18.56	668.08
MW-6	686.68	11.91	674.77
MW-8R	685.67	15.65	670.02
MW-9	685.43	13.5	671.93
MW-10	687.72	10.91	676.81
MW-11	688.61	13.52	675.09
MW-12	685.79	6.76	679.03
Nested Piezometers			
MW-13S	686.57	12.45	674.12
MW-13D	686.71	15.41	671.30
MW-14S	685.31	7.75	677.56
MW-14D	685.43	19.79	665.64
MW-15S	686.64	2.00	684.64
MW-15D	687.31	16.9	670.41
MW-16S	685.84	12.90	672.94
MW-16D	686.01	17.10	668.91

Notes:

TOC - Top of Casing
MSL - Mean Sea Level

Table 2
Groundwater Sample Results for Volatile Organic Compounds - April 2006
Former Scott Aviation Facility
Lancaster, New York

Sample ID Date Collected	RAO	MW-2 4/11/2006	MW-3 4/11/2006	MW-4 4/12/2005	MW-6 4/12/2006	MW-8R 4/12/2006
Volatile Organic Compounds by Method SW8260B (µg/L)						
cis-1,2-Dichloroethene	5	< 25 U	< 25 U	6800	< 5.0 U	7400
Chloroethane	5	27	2.8 J	< 500 U	< 5.0 U	220 J
Vinyl chloride	5	< 25 U	< 25 U	280 J	< 5.0 U	1200
Carbon Disulfide		< 25 U	< 25 U	< 500 U	< 5.0 U	< 1000 U
1,1-Dichloroethane	5	< 25 U	4.9 J	120 J	< 5.0 U	200 J
1,1-Dichloroethene	5*	< 25 U	< 25 U	53 J	< 5.0 U	< 1000 U
Trichloroethene	5	< 25 U	< 25 U	3200	< 5.0 U	14000

Sample ID Date Collected	RAO	MW-10 4/11/2006	DUPLICATE (MW-10) 4/11/2006	MW-11 4/11/2006	MW-12 4/12/2006	MW-16S 4/12/2006
Volatile Organic Compounds by Method SW8260B (µg/L)						
cis-1,2-Dichloroethene	5	< 5.0 U	< 5.0 U	9.0 J	< 25 U	56000
Chloroethane	5	< 5.0 U	< 5.0 U	16 J	28	< 20000 U
Vinyl chloride	5	< 5.0 U	< 5.0 U	4.0 J	6.3 J	3900 J
Carbon Disulfide		< 5.0 U	< 5.0 U	3.5 J	< 25 U	< 20000 U
1,1-Dichloroethane	5	< 5.0 U	< 5.0 U	4.1 J	6.9 J	2600 J
1,1-Dichloroethene	5*	< 5.0 U	< 5.0 U	< 20 U	< 25 U	< 20000 U
Trichloroethene	5	< 5.0 U	< 5.0 U	< 20 U	< 25 U	260000

Notes:

1. µg/L - micrograms/liter or parts per billion.
2. Remedial Action Objectives (RAOs) were obtained from the site Record of Decision (ROD). Compounds not specifically listed in the ROD (*) were obtained from New York Code of Rules and Regulations, Title 6.
3. Shading indicates the concentration exceeds the screening criteria.

Qualifiers:

J - Indicates an estimated value.

U - Indicates the compound was analyzed for, but not detected.

Table 3
Air Monitoring Results - January 2006
Former Scott Aviation Facility
Lancaster, New York

	Sample ID: Sample Date:	GAC Effluent 4/11/2006	AS Effluent 4/11/2006
<u>VOCs by Method TO-14A ($\mu\text{g}/\text{m}^3$)</u>			
Vinyl Chloride		5,400	41
Chloroethane		530 U	170
1,1-Dichloroethane		3,300	97
cis-1,2-Dichloroethene		95,000	1,900
1,1,1-Trichloroethane		3,800	22 U
Trichloroethene		160,000	1,100
1,1-Dichloroethene		1,300	16 U
Cyclohexane		1,300	14 U
Trans 1,2-Dichloroethene		790 U	18
Toluene		750 U	22
Total Detected VOCs ($\mu\text{g}/\text{m}^3$)		272,170	3,400
Air Flow Rate (scfm)		89	284
VOC discharge loading (lb/hr)		0.09	0.004
Total VOC discharge loading (lb/hr)		0.09	

Notes:

1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
2. acfm = actual cubic feet per minute
3. scfm = standard cubic feet per minute
4. lb/hr = pounds per hour
5. GAC Effluent represents the treated vapor discharge for the Liquid Ring Pump.
6. AS Effluent represents the untreated vapor discharge for the Air Stripper.

Qualifiers:

U - Not detected at or above reporting limit.

APPENDIX A
FIELD FORMS

Date (mo/day/yr)	4/11/2006	
Field Personnel	D. Zack	
Site Name	Former Scott Aviation Site - Lancaster, NY	
Earth Tech Job #	71149	
Well ID #	MW-2	
	Upgradient	Downgradient
Weather Conditions	clear	
Air Temperature	45	° F
Total Depth (TWD) Below Top of Casing =	17	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing =	6.65	1/100 ft
Length of Water Column (LWC) = TWD - DGW =		1/100 ft
1 Casing Volume (OCV) = LWC x	0.163	= gal
3 Casing Volumes =		gal
Method of Well Evacuation	Peristaltic Pump	
Method of Sample Collection	Peristaltic Pump/Teflon Tubing	
Total Volume of Water Removed	3	liter

Casing Diameter	2	inches
Casing Material	PVC	
Measuring Point Elevation	690.35	1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval (below land surface)	7-17	1/100 ft

[illegible]

FIELD ANALYSES

VOLUME PURGED (ml)
TIME (Military)
Depth to Groundwater
Below Top of Casing (ft)
Drawdown (ft)
pH (S.U.)
Sp. Cond. (S/cm)
Turbidity (NTUs)
Dissolved Oxygen (g/L)
Water Temperature (°C)
ORP (mV)

FIELD ANALYSES							
0	500	1000	1500	2000	2500	3000	
9:15	9:20	9:25	9:30	9:35	9:40	9:45	
6.6	8.19	8.1	8.19	8.21	8.3	8.32	
-	-1.59	0.09	-0.09	-0.02	-0.09	-0.02	
-	6.63	6.64	6.65	6.66	6.66	6.67	
-	1.605	1.615	1.617	1.619	1.619	1.62	
-	41.2	39.3	37.4	36.1	35	33.4	
-	2.08	1.27	1.07	0.85	0.81	0.79	
-	9.64	9.62	9.66	9.68	9.73	9.74	
-	-43.9	-46.1	-40.3	-37.7	-36.2	-36.3	

Physical appearance at start	Color	<u>clear, sl. yellow tint</u>
	Odor	no

Physical appearance at sampling	Color	<u>clear, sl. yellow tint</u>
	Odor	no

Sheen/Free Product	no

Sheen/Free Product	no

COMMENTS/OBSERVATIONS

Samples collected at 09:50hrs; tubing set at ~12 btoc.

Date (mo/day/yr)	4/11/2006	
Field Personnel	D. Zack	
Site Name	Former Scott Aviation Site - Lancaster, NY	
Earth Tech Job #	71149	
Well ID #	MW-3	
	Upgradient	Downgradient
Weather Conditions	clear	
Air Temperature	70	° F
Total Depth (TWD) Below Top of Casing =	28	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing =	11.84	1/100 ft
Length of Water Column (LWC) = TWD - DGW =		1/100 ft
1 Casing Volume (OCV) = LWC x	0.163	= gal
3 Casing Volumes =		gal
Method of Well Evacuation	Peristaltic Pump	
Method of Sample Collection	Peristaltic Pump/Teflon Tubing	
Total Volume of Water Removed	3	liter

Casing Diameter	2	inches
Casing Material	PVC	
Measuring Point Elevation	687.72	1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval (below land surface)	7.5 - 27.5	1/100 ft

[illegible]

FIELD ANALYSES

VOLUME PURGED (ml)	0	500	1000	1500	2000	2500	3000	
TIME (Military)	13:20	13:25	13:30	13:35	13:40	13:45	13:50	
Depth to Groundwater Below Top of Casing (ft)	11.85	12.65	12.95	13.09	13.12	13.29	13.24	
Drawdown (ft)	-	-0.8	-0.3	-0.14	-0.03	-0.17	0.05	
pH (S.U.)	-	6.88	6.83	6.9	6.89	6.87	6.87	
Sp. Cond. (S/cm)	-	1.086	1.066	1.067	1.066	1.071	1.068	
Turbidity (NTUs)	-	12.4	9.24	9.2	8.32	7.21	7.5	
Dissolved Oxygen (g/L)	-	2.42	0.83	1.25	0.88	0.7	0.66	
Water Temperature (°C)	-	13.27	13.66	14.02	14.08	13.52	13.5	
ORP (mV)	-	38.1	61.5	71.5	73.9	75.5	73.7	

Physical appearance at start	Color	clear, colorless

Physical appearance at sampling	Color	clear, colorless

Odor no

Odor	no

Sheen/Free Product	no

Sheen/Free Product	no

COMMENTS/OBSERVATIONS

Samples collected at 13:55hrs.; tubing set at ~17 btoc.

Date (mo/day/yr)	4/12/2006	
Field Personnel	D. Zack	
Site Name	Former Scott Aviation Site - Lancaster, NY	
Earth Tech Job #	71149	
Well ID #	MW-4	
	Upgradient	Downgradient
Weather Conditions	cloudy	
Air Temperature	60	° F
Total Depth (TWD) Below Top of Casing =	26	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing =	18.56	1/100 ft
Length of Water Column (LWC) = TWD - DGW =		1/100 ft
1 Casing Volume (OCV) = LWC x	0.163	gal
3 Casing Volumes =		gal
Method of Well Evacuation	Peristaltic Pump	
Method of Sample Collection	Peristaltic Pump/Teflon Tubing	
Total Volume of Water Removed	3	liter

Casing Diameter	2	inches
Casing Material	PVC	
Measuring Point Elevation	686.64	1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval (below land surface)	15.5 - 25.5	1/100 ft

[illegible]

FIELD ANALYSES

VOLUME PURGED (ml)	0	500	1000	1500	2000	2500	3000	
TIME (Military)	11:25	11:30	11:35	11:40	11:45	11:50	11:55	
Depth to Groundwater Below Top of Casing (ft)	18.91	19.1	19.29	19.42	19.61	19.82	19.91	
Drawdown (ft)	-	-0.19	-0.19	-0.13	-0.19	-0.21	-0.09	
pH (S.U.)	-	7.13	7.08	7.06	7.05	7.04	7.05	
Sp. Cond. (S/cm)	-	1.044	1.04	1.04	1.034	1.031	1.029	
Turbidity (NTUs)	-	8.2	4.6	4.1	6.2	6.1	6	
Dissolved Oxygen (g/L)	-	3.85	3.19	3.07	2.84	2.22	2	
Water Temperature (°C)	-	12.58	12.54	12.52	12.72	12.85	12.87	
ORP (mV)	-	-4.2	18.7	31.9	42.1	54.6	55.6	

Physical appearance at start	Color	<u>clear, sl. yellow tint</u>
	Odor	no

Physical appearance at sampling	Color	<u>clear, sl. yellow tint</u>
	Odor	no

Sheen/Free Product	sl. sheen; no visible product

Sheen/Free Product	no

COMMENTS/OBSERVATIONS	Samples collected at 12:00hrs.; tubing set at ~20.5 btoc. Oil absorbant sock was placed in well 4/11/06 and removed at 08:00hrs. 4/12/06. No oil observed on sock.

Date (mo/day/yr)	4/12/2006	
Field Personnel	D. Zack	
Site Name	Former Scott Aviation Site - Lancaster, NY	
Earth Tech Job #	71149	
Well ID #	MW-6	
	Upgradient	Downgradient
Weather Conditions	cloudy	
Air Temperature	55	° F
Total Depth (TWD) Below Top of Casing =	25	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing =	11.91	1/100 ft
Length of Water Column (LWC) = TWD - DGW =		1/100 ft
1 Casing Volume (OCV) = LWC x	0.163	= gal
3 Casing Volumes =		gal
Method of Well Evacuation	Peristaltic Pump	
Method of Sample Collection	Peristaltic Pump/Teflon Tubing	
Total Volume of Water Removed	2	liter

Casing Diameter	2	inches
Casing Material	PVC	
Measuring Point Elevation	686.68	1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval (below land surface)	14.5 - 24.5	1/100 ft

[illegible]

FIELD ANALYSES

VOLUME PURGED (ml)	0	500	1000	1250	1500	1750	2000	
TIME (Military)	8:30	8:35	8:40	8:45	8:50	8:55	9:00	
Depth to Groundwater Below Top of Casing (ft)	11.71	12.45	12.87	13.04	13.08	13.2	13.25	
Drawdown (ft)	-	1.1	0.57	0.49	0.38	0.12	0.01	
pH (S.U.)	-	7.62	7.62	7.63	7.64	7.64	7.64	
Sp. Cond. (S/cm)	-	0.657	0.654	.654	0.656	0.656	0.658	
Turbidity (NTUs)	-	60.2	42.4	35.2	33	24	17.6	
Dissolved Oxygen (g/L)	-	1.93	1.04	0.88	0.93	0.72	0.68	
Water Temperature (°C)	-	12.88	12.18	12.25	12.22	12.34	12.44	
ORP (mV)	-	141.8	136.9	125.1	111.3	79.1	56.4	

Physical appearance at start	Color	clear, sl. yellow tint

Physical appearance at sampling	Color	clear

Odor no

Odor no

Sheen/Free Product	no

Sheen/Free Product	no

COMMENTS/OBSERVATIONS

Samples collected at 09:05hrs.; tubing set at ~19.5 btoc.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/12/2006
 Field Personnel D. Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Earth Tech Job # 71149
 Well ID # MW-8R
 Upgradient Downgradient
 Weather Conditions cloudy
 Air Temperature 60 ° F
 Total Depth (TWD) Below Top of Casing = 28 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 15.65 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = gal
 3 Casing Volumes = gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Teflon Tubing
 Total Volume of Water Removed 3 liter

Casing Diameter 4 inches
 Casing Material PVC
 Measuring Point Elevation 685.67 1/100 ft
 Height of Riser (above land surface) 1/100 ft
 Land Surface Elevation 1/100 ft
 Screened Interval (below land surface) 14 - 24 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	2	HCL, 4°C	

FIELD ANALYSES

VOLUME PURGED (ml)	0	500	1000	1500	2000	2500	3000	
TIME (Military)	10:15	10:20	10:25	10:30	10:35	10:40	10:45	
Depth to Groundwater Below Top of Casing (ft)	15.92	16.09	16.28	16.38	16.49	16.69	16.65	
Drawdown (ft)	-	-0.17	-0.19	-0.1	-0.11	-0.2	0.04	
pH (S.U.)	-	6.77	6.76	6.76	6.75	6.74	6.74	
Sp. Cond. (S/cm)	-	1.459	1.46	1.463	1.464	1.465	1.466	
Turbidity (NTUs)	-	23	20.4	18.1	20	24	22.2	
Dissolved Oxygen (g/L)	-	1.69	0.66	0.63	1.47	0.63	0.69	
Water Temperature (°C)	-	12.48	12.41	12.39	12.44	12.4	12.42	
ORP (mV)	-	-67.5	-66.3	-66	-65.8	-64.8	-63.1	

Physical appearance at start Color clear, sl. Yellow tint
 Odor no

Physical appearance at sampling Color clear, sl. Yellow tint
 Odor no

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS

Samples collected at 10:50hrs.; tubing set at ~19 btoc.

Date (mo/day/yr)	04/11/06	
Field Personnel	D. Zack	
Site Name	Former Scott Aviation Site - Lancaster, NY	
Earth Tech Job #	71149	
Well ID #	MW-10	
	Upgradient	Downgradient
Weather Conditions	clear	
Air Temperature	70	° F
Total Depth (TWD) Below Top of Casing =	24	1/100 ft
Depth to Groundwater (DGW) Below Top of Casing =	10.91	1/100 ft
Length of Water Column (LWC) = TWD - DGW =		1/100 ft
1 Casing Volume (OCV) = LWC x	0.163	= gal
3 Casing Volumes =		gal
Method of Well Evacuation	Peristaltic Pump	
Method of Sample Collection	Peristaltic Pump/Teflon Tubing	
Total Volume of Water Removed	3	liter

Casing Diameter	2	inches
Casing Material	PVC	
Measuring Point Elevation	687.72	1/100 ft
Height of Riser (above land surface)		1/100 ft
Land Surface Elevation		1/100 ft
Screened Interval (below land surface)	3.5 - 23.5	1/100 ft

[illegible]

FIELD ANALYSES

VOLUME PURGED (ml) TIME (Military) Depth to Groundwater Below Top of Casing (ft) Drawdown (ft) pH (S.U.) Sp. Cond. (S/cm) Turbidity (NTUs) Dissolved Oxygen (g/L) Water Temperature (°C) ORP (mV)	0	500	1000	1500	2000	2500	3000	
	15:20	15:25	15:30	15:35	15:40	15:45	15:50	
	10.9	11.75	11.8	11.84	11.91	11.95	11.99	
	-	-0.85	-0.05	-0.04	-0.07	-0.04	-0.04	
	-	6.71	6.68	6.69	6.7	6.71	6.71	
	-	1.877	1.872	1.876	1.879	1.883	1.884	
	-	31.2	26.4	17.2	16.4	14.2	15.5	
	-	0.49	0.51	0.68	0.83	0.85	0.95	
	-	12.99	13.45	13.83	14.22	13.88	14.02	
	-	43.2	54.6	58.5	69.3	71.6	73.2	

Physical appearance at start	Color	<u>clear, sl. Yellow tint</u>
	Odor	no

Physical appearance at sampling	Color	<u>clear, sl. Yellow tint</u>
	Odor	no

Sheen/Free Product	no

Sheen/Free Product	no

COMMENTS/OBSERVATIONS

Samples collected at 16:00hrs.; tubing set at ~13.5 btoc. Duplicate samples collected (08:00hrs on COC).

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 04/11/06
 Field Personnel D. Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Earth Tech Job # 71149
 Well ID # MW-11
 Upgradient Downgradient
 Weather Conditions rain
 Air Temperature clear ° F
 Total Depth (TWD) Below Top of Casing = 45 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 13.52 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = gal
 3 Casing Volumes = gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Teflon Tubing
 Total Volume of Water Removed 2.5 liter

Casing Diameter 2 inches
 Casing Material PVC
 Measuring Point Elevation 688.61 1/100 ft
 Height of Riser (above land surface) 1/100 ft
 Land Surface Elevation 1/100 ft
 Screened Interval (below land surface) 8.5 - 28.5 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	2	HCL, 4°C	

FIELD ANALYSES

VOLUME PURGED (ml)	0	750	1000	1500	2000	2500		
TIME (Military)	10:34	10:39	10:44	10:49	10:54	10:59		
Depth to Groundwater Below Top of Casing (ft)	16.6	16.95	17.04	17.11	17.13	17.14		
Drawdown (ft)	-	-0.35	-0.09	-0.07	-0.02	-0.01		
pH (S.U.)	-	6.84	6.85	6.88	6.88	6.88		
Sp. Cond. (S/cm)	-	2.019	1.996	1.96	1.915	1.904		
Turbidity (NTUs)	-	1.04	0.83	0.72	0.8	0.79		
Dissolved Oxygen (g/L)	-	9	1.02	0.74	0.61	0.57		
Water Temperature (°C)	-	12.12	12.21	12.29	12.58	12.49		
ORP (mV)	-	-54.4	-62.9	-66.7	-68.9	-73		

Physical appearance at start Color clear, colorless
 Odor no

Physical appearance at sampling Color clear, colorless
 Odor no

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS NYSDEC ons site observing sampling activities. Samples collected at 11:00hrs.; tubing set at ~18.5 btoc.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 04/12/06
 Field Personnel D. Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Earth Tech Job # 71149
 Well ID # MW-12
 Upgradient Downgradient
 Weather Conditions cloudy
 Air Temperature 60 ° F
 Total Depth (TWD) Below Top of Casing = 27.5 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 6.76 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = gal
 3 Casing Volumes = gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Teflon Tubing
 Total Volume of Water Removed 3 liter

Casing Diameter 4 inches
 Casing Material PVC
 Measuring Point Elevation 685.79 1/100 ft
 Height of Riser (above land surface) 1/100 ft
 Land Surface Elevation 1/100 ft
 Screened Interval (below land surface) 7 - 27 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	2	HCL, 4°C	

FIELD ANALYSES

VOLUME PURGED (ml)	0	500	1000	1500	2000	2500	3000	
TIME (Military)	9:20	9:25	9:30	9:35	9:40	9:45	9:50	
Depth to Groundwater Below Top of Casing (ft)	8.6	8.33	8.62	8.85	8.94	9.3	9.72	
Drawdown (ft)	-	0.27	-0.29	-0.23	-0.09	-0.36	-0.42	
pH (S.U.)	-	6.68	6.67	6.69	6.7	6.7	6.72	
Sp. Cond. (S/cm)	-	1.399	1.401	1.4	1.406	1.408	1.409	
Turbidity (NTUs)	-	7.5	3.03	3.8	5.2	5.37	5	
Dissolved Oxygen (g/L)	-	7.31	0.53	1.42	0.92	0.62	0.61	
Water Temperature (°C)	-	11.61	10.19	9.87	9.81	9.78	9.81	
ORP (mV)	-	-102.3	-115.4	-117.1	-115.2	-113.5	-110.7	

Physical appearance at start Color clear, colorless
 Odor no

Physical appearance at sampling Color clear, colorless
 Odor no

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS

Samples collected at 09:55hrs.; tubing set at ~17 btoc.

GROUNDWATER SAMPLING LOG

Date (mo/day/yr) 4/11/2006
 Field Personnel D. Zack
 Site Name Former Scott Aviation Site - Lancaster, NY
 Earth Tech Job # 71149
 Well ID # MW-16S
 Upgradient Downgradient
 Weather Conditions clear
 Air Temperature 65 ° F
 Total Depth (TWD) Below Top of Casing = 24 1/100 ft
 Depth to Groundwater (DGW) Below Top of Casing = 12.9 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 1/100 ft
 1 Casing Volume (OCV) = LWC x 0.163 = gal
 3 Casing Volumes = gal
 Method of Well Evacuation Peristaltic Pump
 Method of Sample Collection Peristaltic Pump/Teflon Tubing
 Total Volume of Water Removed 3 liter

Casing Diameter 1 inches
 Casing Material PVC
 Measuring Point Elevation 685.84 1/100 ft
 Height of Riser (above land surface) 1/100 ft
 Land Surface Elevation 1/100 ft
 Screened Interval (below land surface) 12 - 18 1/100 ft

Container	Analysis (Method)	# Bottles	Preservative	Dup - MS/MSD
VOA 40 mL glass	TCL VOCs (8260B)	2	HCL, 4°C	

FIELD ANALYSES

VOLUME PURGED (ml)	0	500	1000	1500	2000	2500	3000	
TIME (Military)	12:07	12:12	12:17	12:22	12:27	12:32	12:37	
Depth to Groundwater Below Top of Casing (ft)	-	-	-	-	-	-	-	
Drawdown (ft)	-	-	-	-	-	-	-	
pH (S.U.)	-	6.83	6.75	6.82	6.85	6.85	6.85	
Sp. Cond. (S/cm)	-	1.455	1.437	1.436	1.436	1.436	1.438	
Turbidity (NTUs)	-	17.3	8.37	3.8	3.19	2.2	1.69	
Dissolved Oxygen (g/L)	-	1.66	1.08	0.98	0.83	0.71	0.64	
Water Temperature (°C)	-	11.73	11.79	11.64	11.63	11.58	11.39	
ORP (mV)	-	-51.6	-43.6	-46.5	-47.6	-48.4	-48.3	

Physical appearance at start Color clear, lt. yellow tint
 Odor no

Physical appearance at sampling Color clear, colorless
 Odor no

Sheen/Free Product no

Sheen/Free Product no

COMMENTS/OBSERVATIONS Samples collected at 12:40hrs.; tubing set at ~14 btoc. Casing diameter too narrow for water level probe with sample tubing in well.

APPENDIX B

SUMMARY OF GROUNDWATER ELEVATIONS

MONITORING WELL MW-2
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	7.29	683.06
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	5.92	684.43
4/14/2005	6.50	683.85
7/20/2005	7.77	682.58
10/4/2005	6.08	684.27
1/5/2006	9.56	680.79
4/11/2006	6.65	683.70

NOTES:

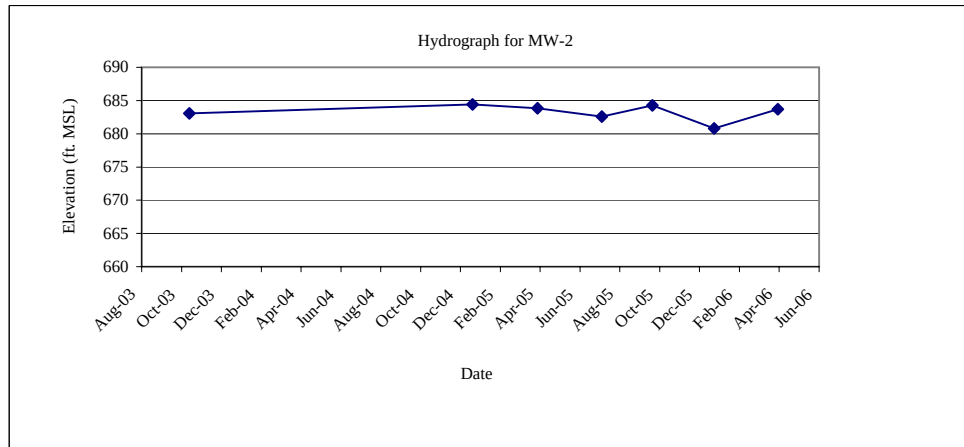
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 690.35



MONITORING WELL MW-3
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	12.76	674.96
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	11.65	676.07
4/14/2005	12.64	675.08
7/20/2005	12.73	674.99
10/4/2005	7.38	680.34
1/5/2006	11.31	676.41
4/11/2006	11.84	675.88

NOTES:

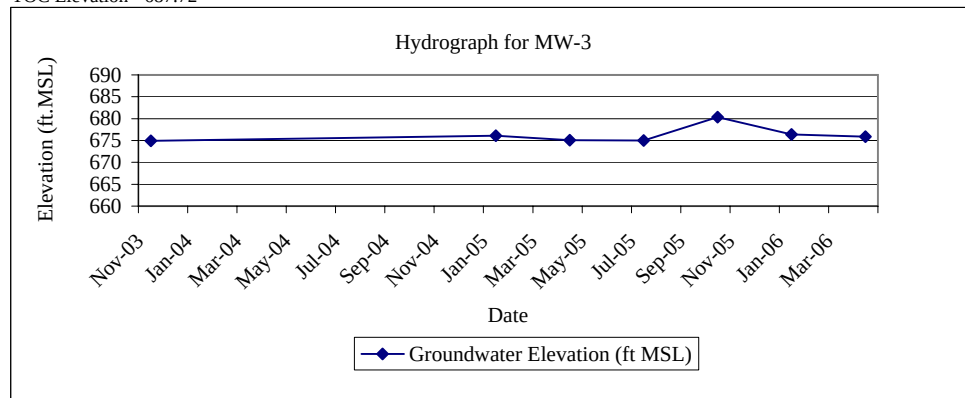
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 687.72



MONITORING WELL MW-4
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	8.54	678.10
4/8/2004	NM	NA
10/12/2004	11.40	675.24
1/6/2005	9.20	677.44
4/14/2005	NM	NA
7/20/2005	NM	NA
10/4/2005	15.24	671.40
1/5/2006	15.71	670.93
4/11/2006	18.56	668.08

NOTES:

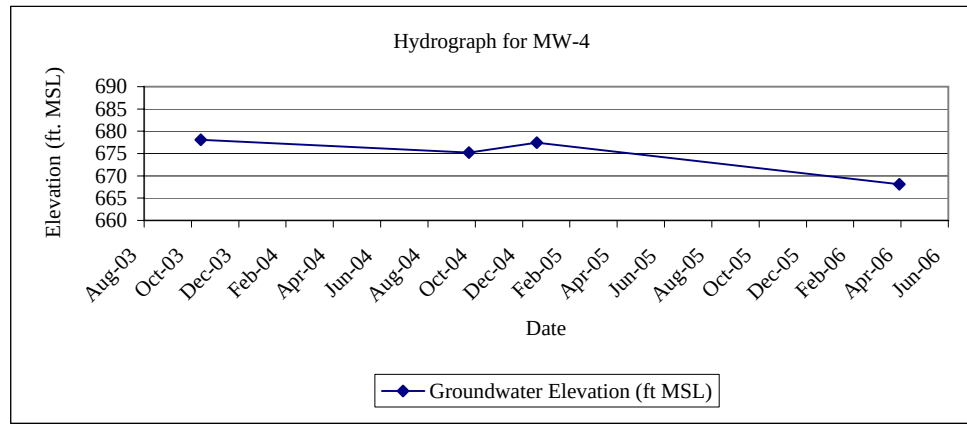
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.64



MONITORING WELL MW-6
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	11.06	675.62
4/8/2004	NM	NA
10/12/2004	9.95	676.73
1/6/2005	13.00	673.68
4/14/2005	11.57	675.11
7/20/2005	12.88	673.80
10/4/2005	8.55	678.13
1/5/2006	12.11	674.57
4/11/2006	11.91	674.77

NOTES:

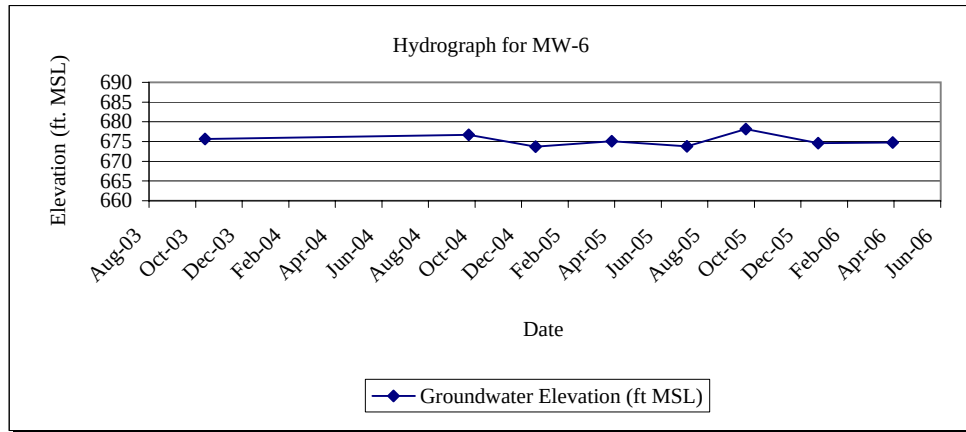
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.68



MONITORING WELL MW-8R
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	12.75	672.92
1/6/2005	7.45	678.22
4/14/2005	14.45	671.22
7/20/2005	NM	NA
10/4/2005	NM	NA
1/6/2006	15.51	670.16
4/11/2006	15.65	670.02

NOTES:

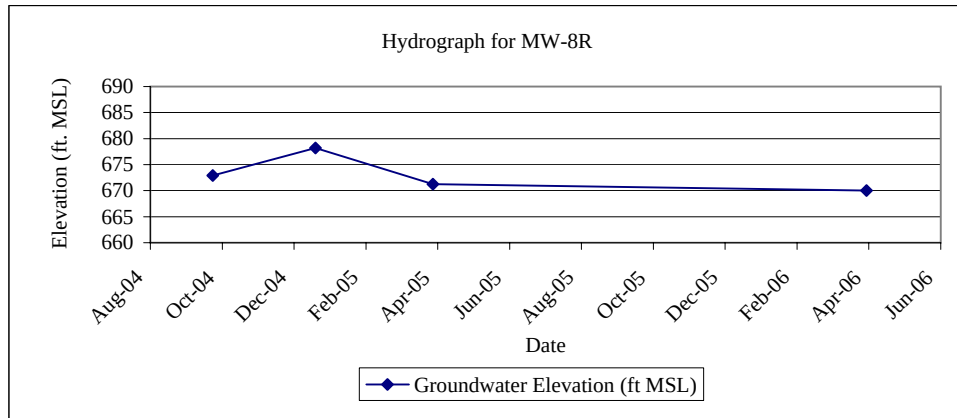
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.67



MONITORING WELL MW-9
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	13.03	672.4
4/8/2004	NM	NA
10/12/2004	13.68	671.75
1/6/2005	12.89	672.54
4/14/2005	12.74	672.69
7/20/2005	13.88	671.55
10/4/2005	7.22	678.21
1/5/2006	12.79	672.64
4/11/2006	13.5	671.93

NOTES:

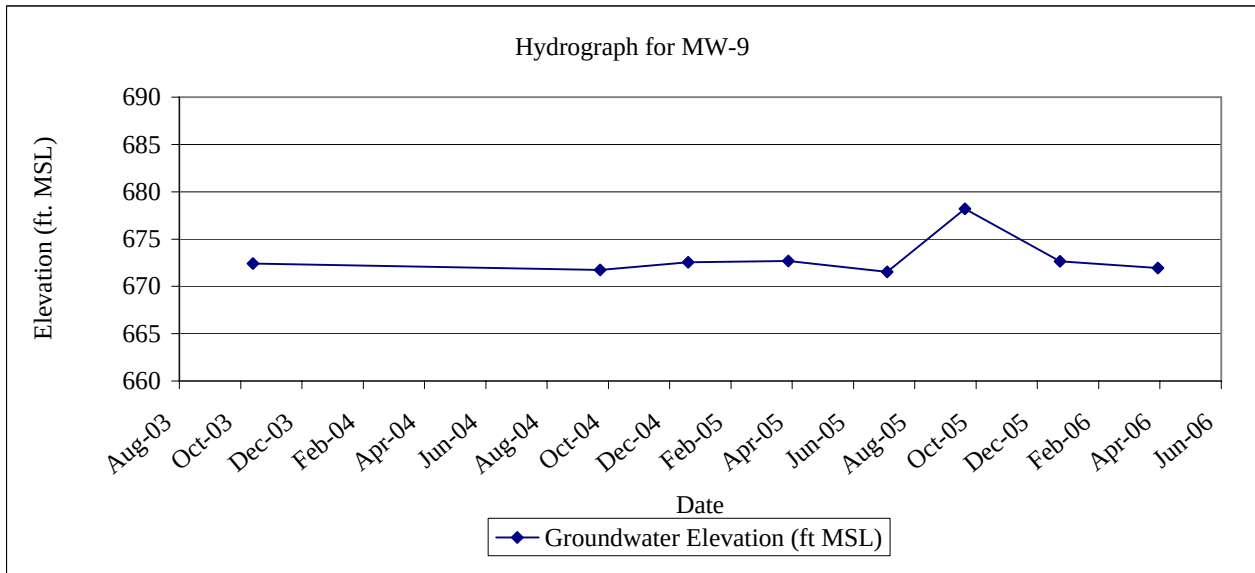
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.43



MONITORING WELL MW-10
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
11/7/2003	10.75	676.97
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	10.28	677.44
4/14/2005	11.50	676.22
7/20/2005	12.43	675.29
10/4/2005	9.58	678.14
1/5/2006	11.28	676.44
4/11/2006	10.91	676.81

NOTES:

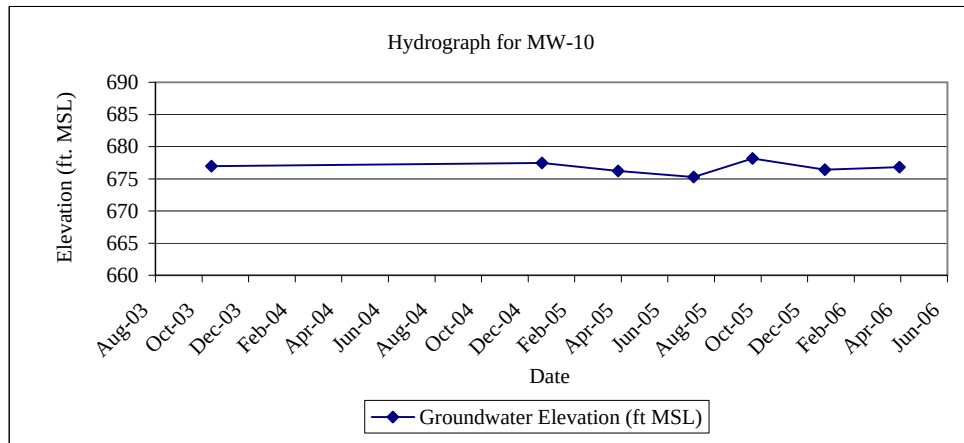
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 687.72



MONITORING WELL MW-11
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	NM	NA
1/6/2005	15.59	673.02
4/14/2005	11.59	677.02
7/20/2005	17.34	671.27
10/4/2005	10.45	678.16
1/5/2006	16.58	672.03
4/11/2006	13.52	675.09

NOTES:

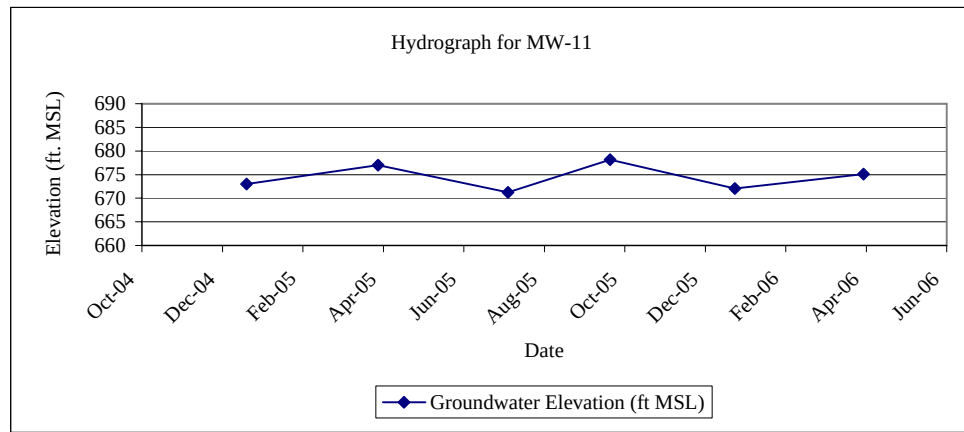
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 688.61



MONITORING WELL MW-12
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	NM	NA
10/12/2004	10.64	675.15
1/6/2005	6.18	679.61
4/14/2005	6.80	678.99
7/20/2005	11.95	673.84
10/4/2005	7.36	678.43
1/5/2006	6.8	678.99
4/11/2006	6.76	679.03

NOTES:

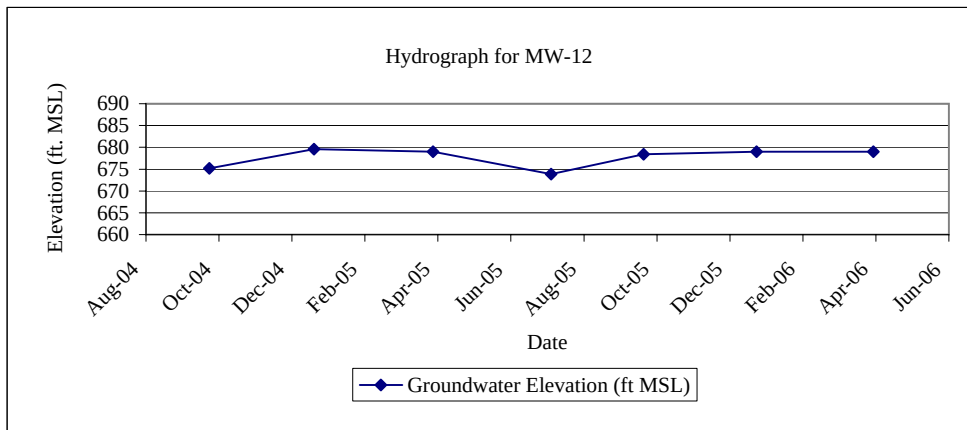
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.79



MONITORING WELL MW-13S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	7.01	679.56
10/12/2004	13.47	673.10
1/6/2005	7.24	679.33
4/14/2005	13.91	672.66
7/20/2005	12.81	673.76
10/4/2005	13.35	673.22
1/5/2006	13.79	672.78
4/11/2006	12.45	674.12

NOTES:

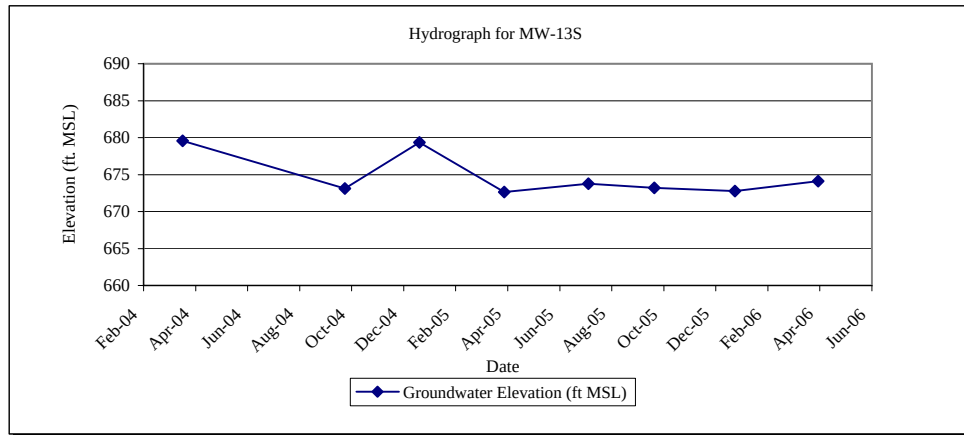
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.57



MONITORING WELL MW-13D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.28	673.43
10/12/2004	14.87	671.84
1/6/2005	14.55	672.16
4/14/2005	15.32	671.39
7/20/2005	15.65	671.06
10/4/2005	9.44	677.27
1/5/2006	15.83	670.88
4/11/2006	15.41	671.30

NOTES:

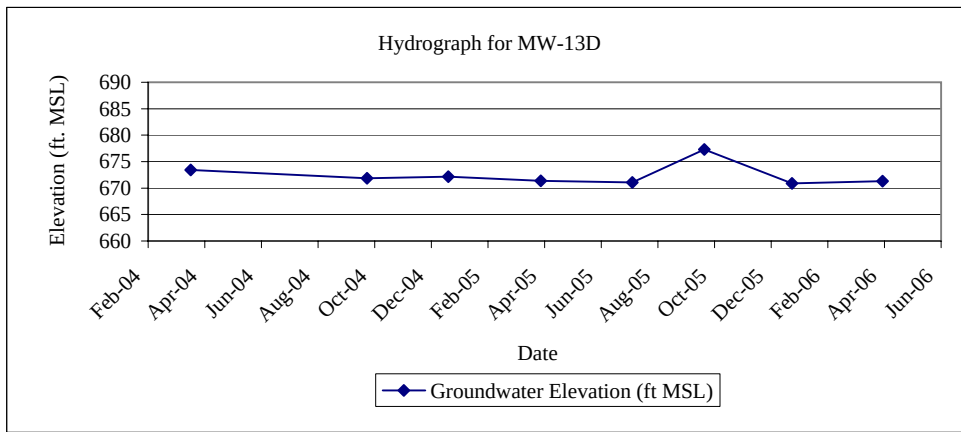
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.71



MONITORING WELL MW-14S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.14	680.17
10/12/2004	8.57	676.74
1/6/2005	6.27	679.04
4/14/2005	5.16	680.15
7/20/2005	8.32	676.99
10/4/2005	6.14	679.17
1/5/2006	8.41	676.9
4/11/2006	7.75	677.56

NOTES:

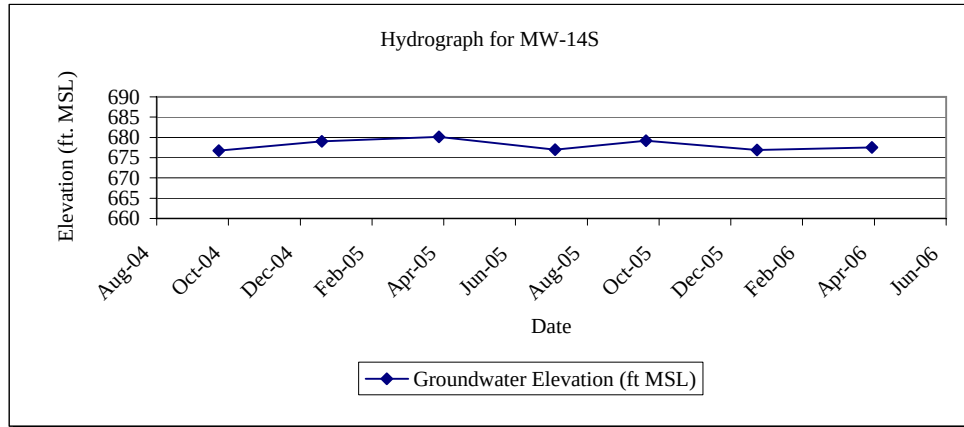
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.31



MONITORING WELL MW-14D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.21	672.22
10/12/2004	14.55	670.88
1/6/2005	15.97	669.46
4/14/2005	13.25	672.18
7/20/2005	18.20	667.23
10/4/2005	13.26	672.17
1/5/2006	19.08	666.35
4/11/2006	19.79	665.64

NOTES:

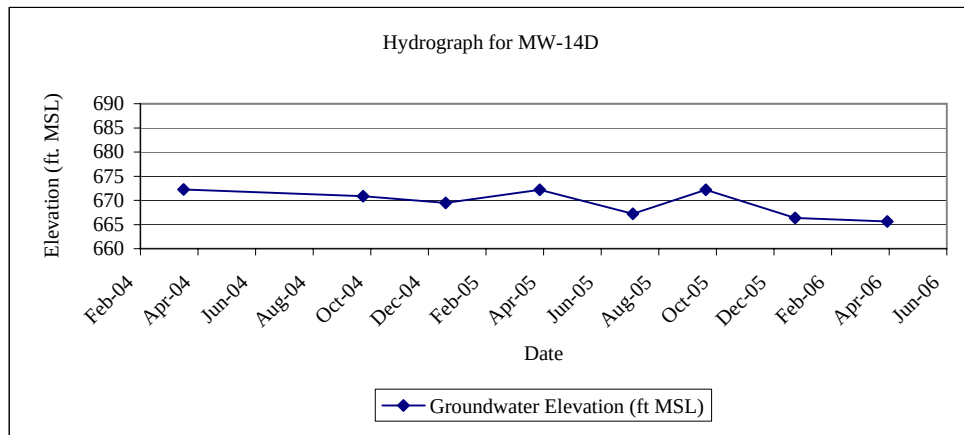
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.43



MONITORING WELL MW-15S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	1.20	686.00
10/12/2004	5.26	681.94
1/6/2005	0.35	686.85
4/14/2005	2.31	684.89
7/20/2005	4.78	682.42
10/4/2005	2.22	684.98
1/5/2006	0.7	686.5
4/11/2006	2	685.2

NOTES:

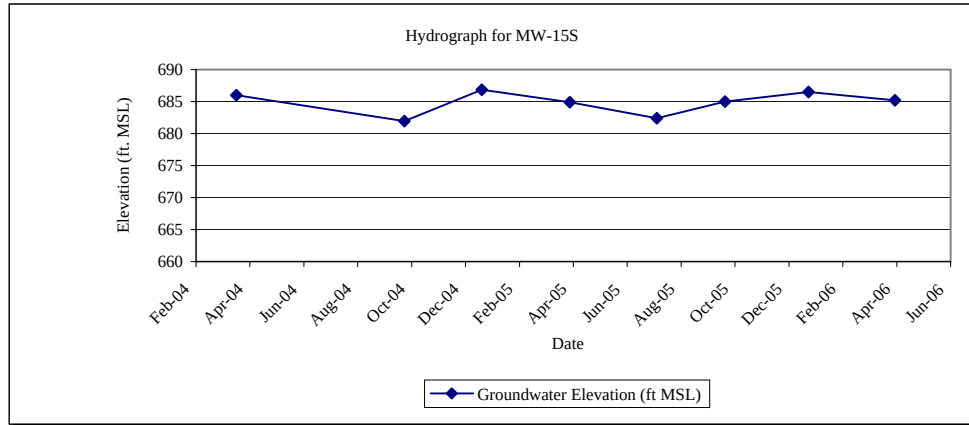
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.64



MONITORING WELL MW-15D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	15.70	671.61
10/12/2004	17.42	669.89
1/6/2005	15.74	671.57
4/14/2005	16.99	670.32
7/20/2005	17.31	670.00
10/4/2005	8.94	678.37
1/5/2006	16.16	671.15
4/11/2006	16.9	670.41

NOTES:

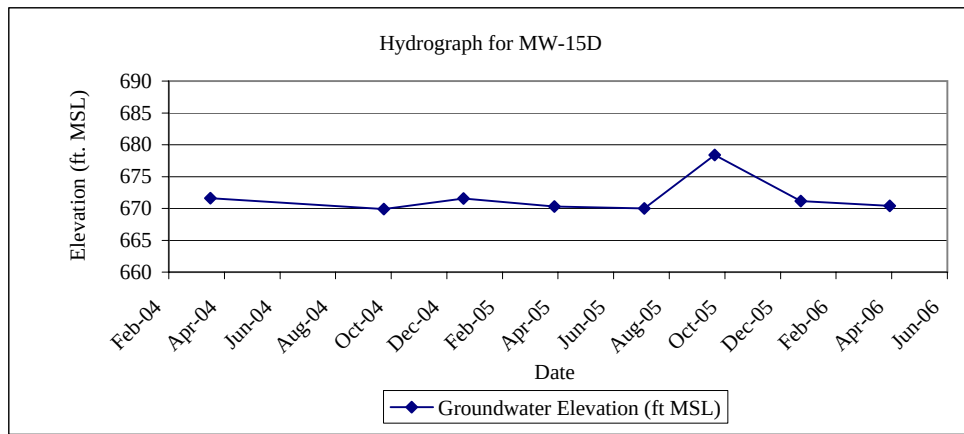
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 687.31



MONITORING WELL MW-16S
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	5.09	680.75
10/12/2004	12.09	673.75
1/6/2005	4.75	681.09
4/14/2005	10.15	675.69
7/20/2005	14.56	671.28
10/4/2005	11.50	674.34
1/5/2006	11.41	674.43
4/11/2006	12.90	672.94

NOTES:

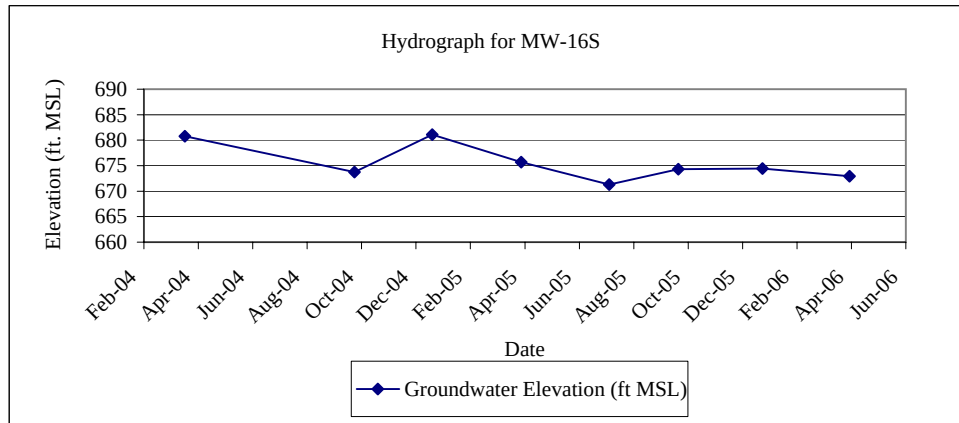
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 685.84



MONITORING WELL MW-16D
SUMMARY OF GROUNDWATER ELEVATIONS
Former Scott Aviation Site
Lancaster, New York

Date	Depth to Water from TOC (ft)	Groundwater Elevation (ft MSL)
4/8/2004	13.62	672.39
10/12/2004	15.51	670.50
1/6/2005	13.70	672.31
4/14/2005	16.09	669.92
7/20/2005	16.65	669.36
10/4/2005	9.89	676.12
1/5/2006	17.21	668.80
4/11/2006	17.1	668.91

NOTES:

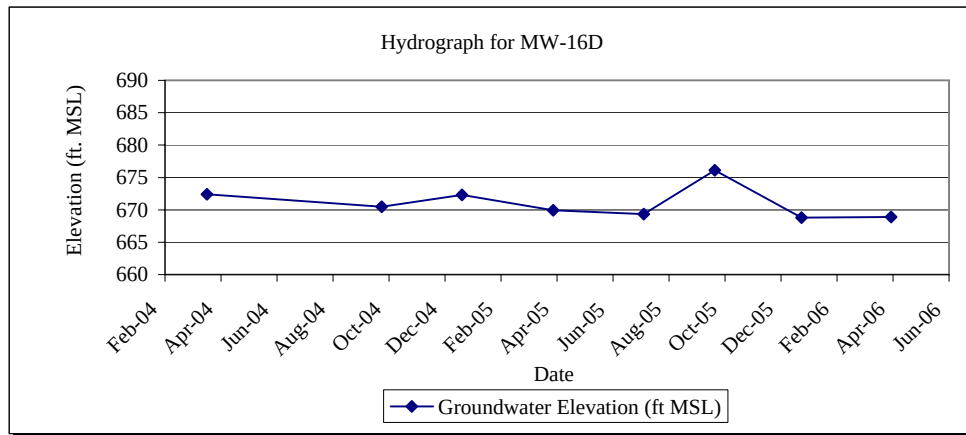
ft MSL - feet mean sea level

NA - Not Available

NM - Not Measured

TOC - top of PVC casing

TOC Elevation - 686.01

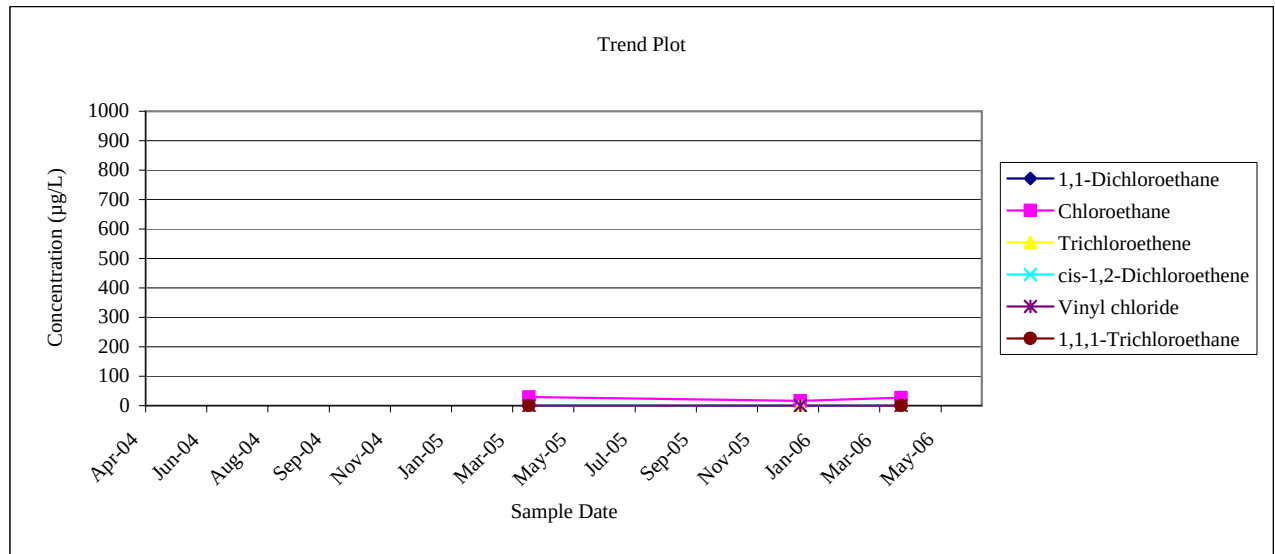


APPENDIX C

SUMMARY OF VOCs IN GROUNDWATER

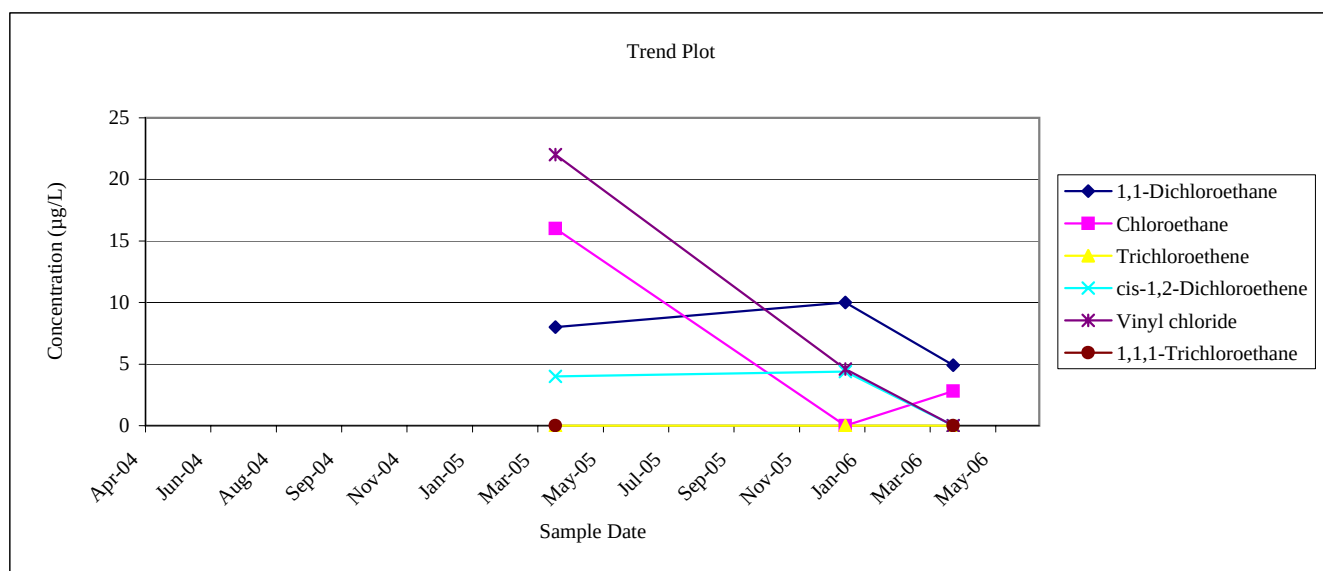
MONITORING WELL MW-2
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/14/2005	< 10	29	< 10	< 10	< 10	<10
1/5/2006	< 25	16	< 25	< 25	< 25	
4/14/2006	<25	27	<25	<25	<25	<25



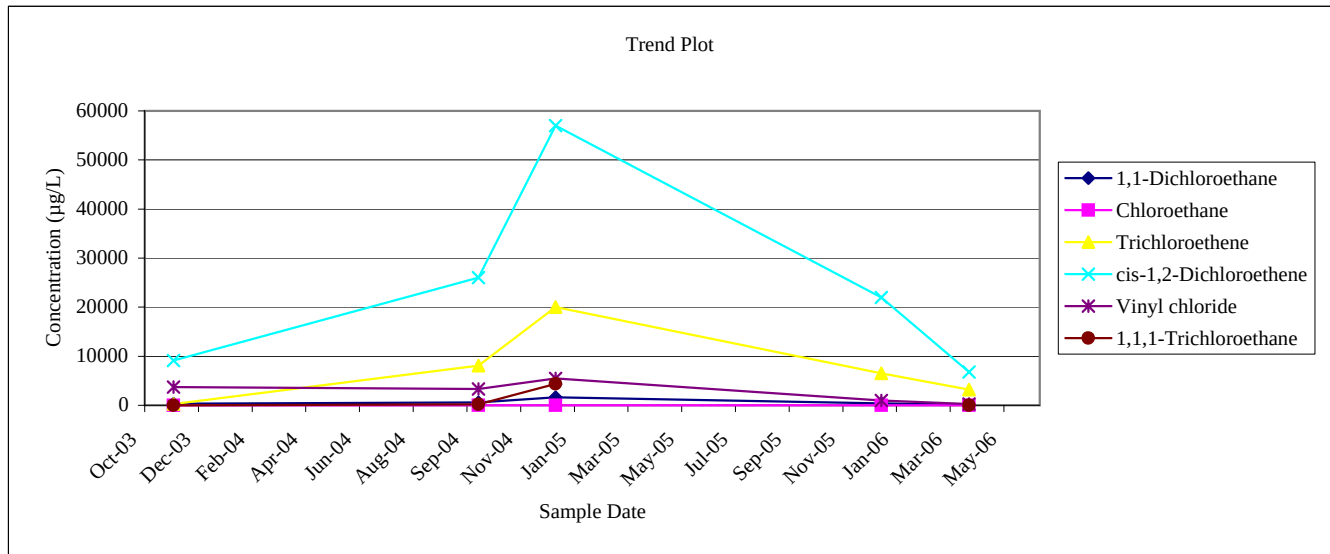
MONITORING WELL MW-3
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/14/2005	8	16	< 10	4	22	<10
1/5/2006	10	< 25	< 25	4.4	4.6	
4/14/2006	4.9	2.8	<25	<25	<25	<25



MONITORING WELL MW-4
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

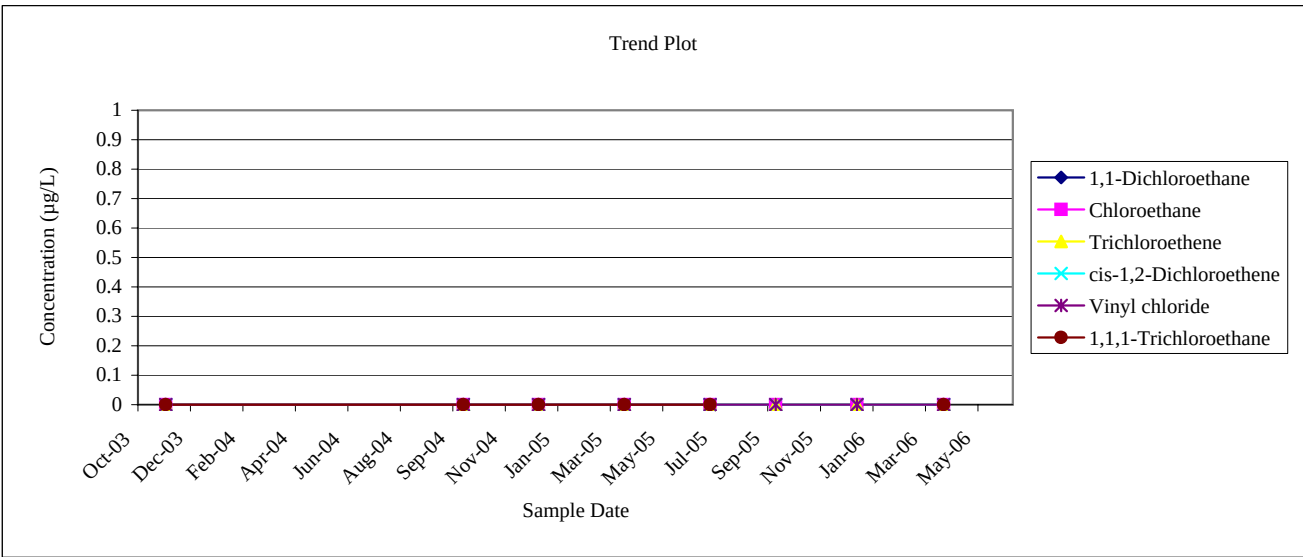
Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
11/7/2003	320	<10	270	9100	3700	28
10/13/2004	560	< 1000	8100	26000	3300	220
1/7/2005	1600	< 2000	20000	57000	5500	4400
1/6/2006	370	< 2000	6500	22000	1000	
4/14/2006	120	<500	3200	6800	280	<500



Note: LNAPL was present in MW-4 during the October 2004 and January 2005 groundwater sampling events.

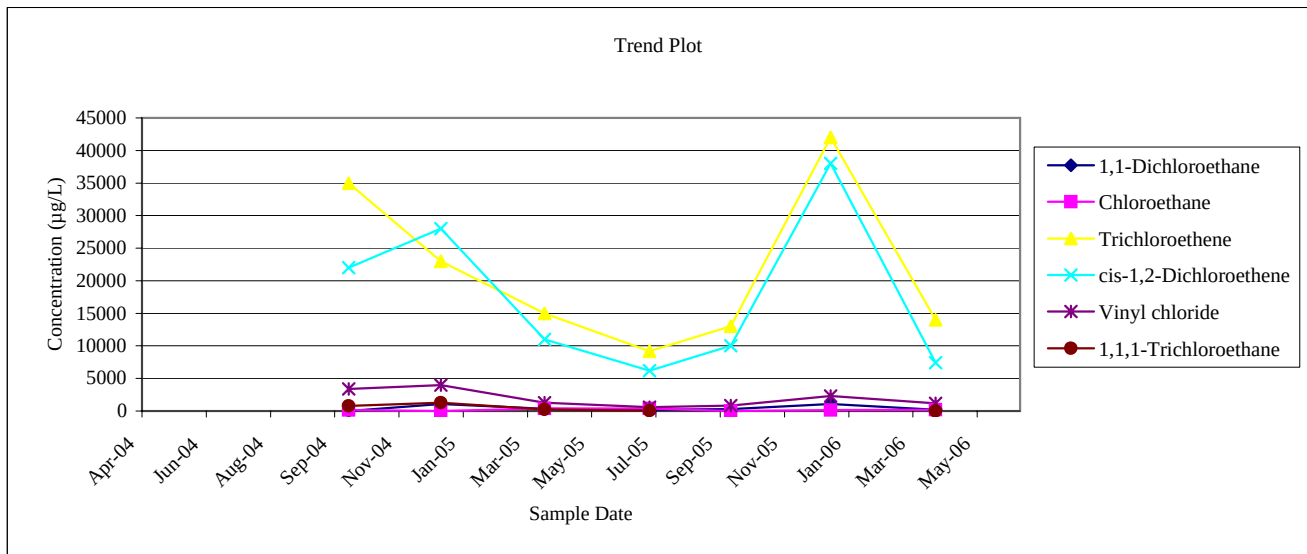
MONITORING WELL MW-6
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
11/7/2003	< 10	< 10	< 10	< 10	< 10	< 6
10/12/2004	< 10	< 10	< 10	< 10	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/14/2005	< 10	< 10	< 10	< 10	< 10	< 10
7/21/2005	< 5	< 5	< 5	< 5	< 5	< 5
10/4/2005	< 5	< 5	< 5	< 5	< 5	
1/5/2006	< 5	< 5	< 5	< 5	< 5	
4/14/2006	< 5	< 5	< 5	< 5	< 5	< 5



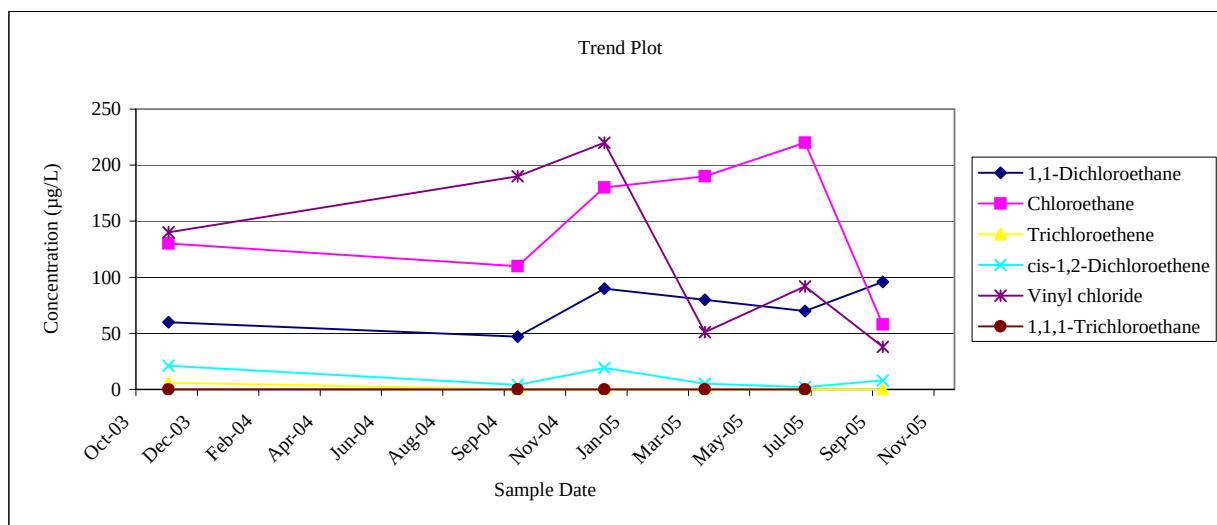
MONITORING WELL MW-8R
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
10/13/2004	< 5000	160	35000	22000	3400	810
1/7/2005	1100	< 2000	23000	28000	4000	1300
4/14/2005	360	380	15000	11000	1300	240
7/21/2005	200	390	9200	6200	600	52
10/5/2005	300	< 1000	13000	10000	830	
1/6/2006	1100	150	42000	38000	2300	
4/14/2006	200	220	14000	7400	1200	< 1000



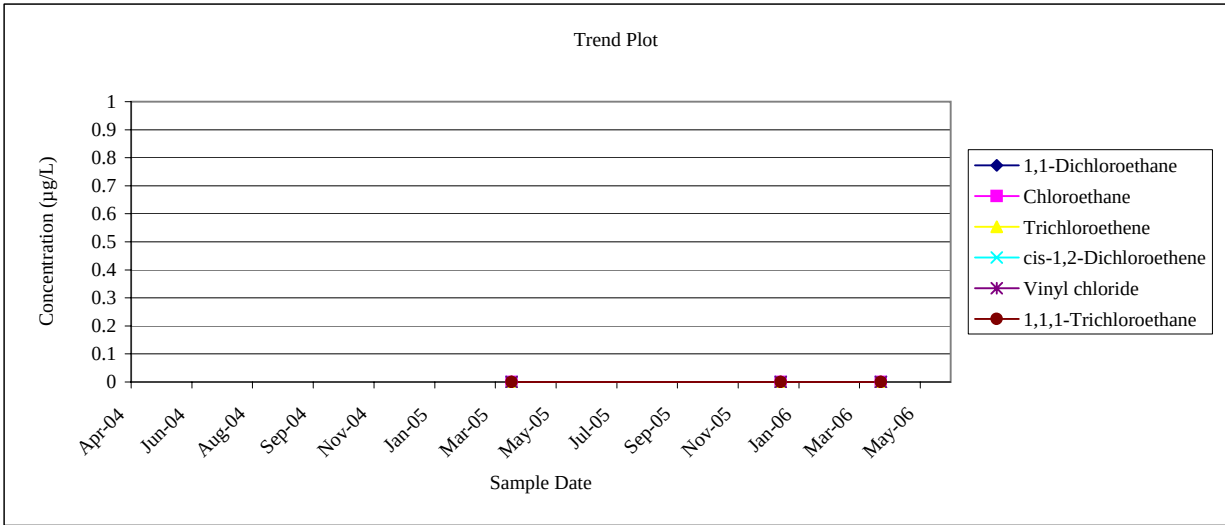
**MONITORING WELL MW-9
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York**

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
11/7/2003	60	130	6	21	140	< 10
10/13/2004	47	110	< 10	4	190	< 10
1/6/2005	90	180	< 10	19	220	< 10
4/14/2005	80	190	< 10	5	51	< 10
7/21/2005	70	220	< 5	2	92	< 5
10/5/2005	96	58	< 5	8	38	



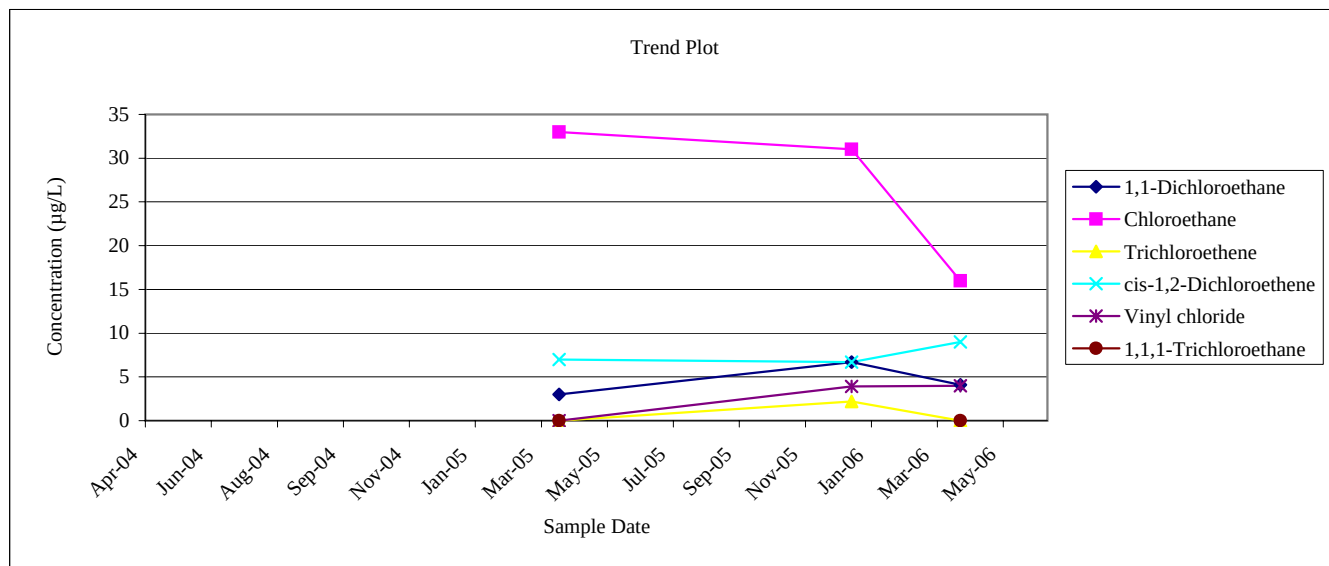
MONITORING WELL MW-10
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/14/2005	< 10	< 10	< 10	< 10	< 10	<10
1/5/2006	< 5	< 5	< 5	< 5	< 5	<5
4/14/2006	<5	<5	<5	<5	<5	<5



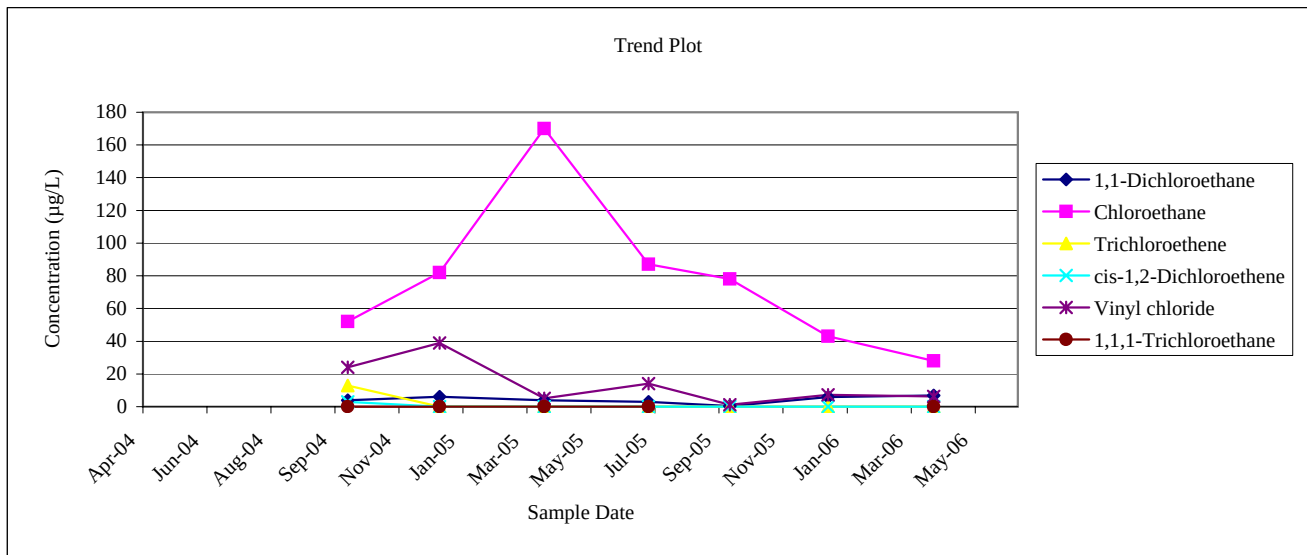
MONITORING WELL MW-11
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/14/2005	3	33	< 10	7	< 10	<10
1/5/2006	6.7	31	2.2	6.7	3.9	
4/14/2006	4.1	16	<20	9	4	<20



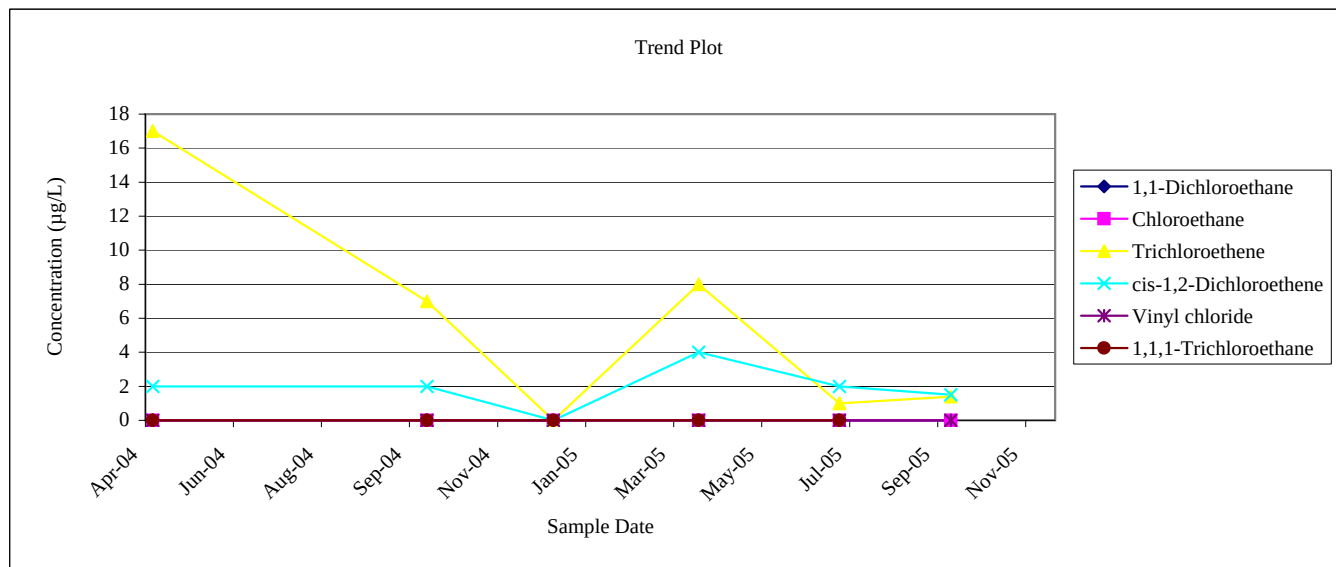
MONITORING WELL MW-12
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
10/12/2004	4	52	13	3	24	<10
1/6/2005	6	82	< 10	< 10	39	<10
4/14/2005	4	170	< 10	< 10	5	<10
7/21/2005	3	87	< 5	< 5	14	<5
10/5/2005	0.43	78	< 5	< 5	1.2	
1/5/2006	5.8	43	<25	<25	7.2	
4/14/2006	6.9	28	<25	<25	6.3	<25



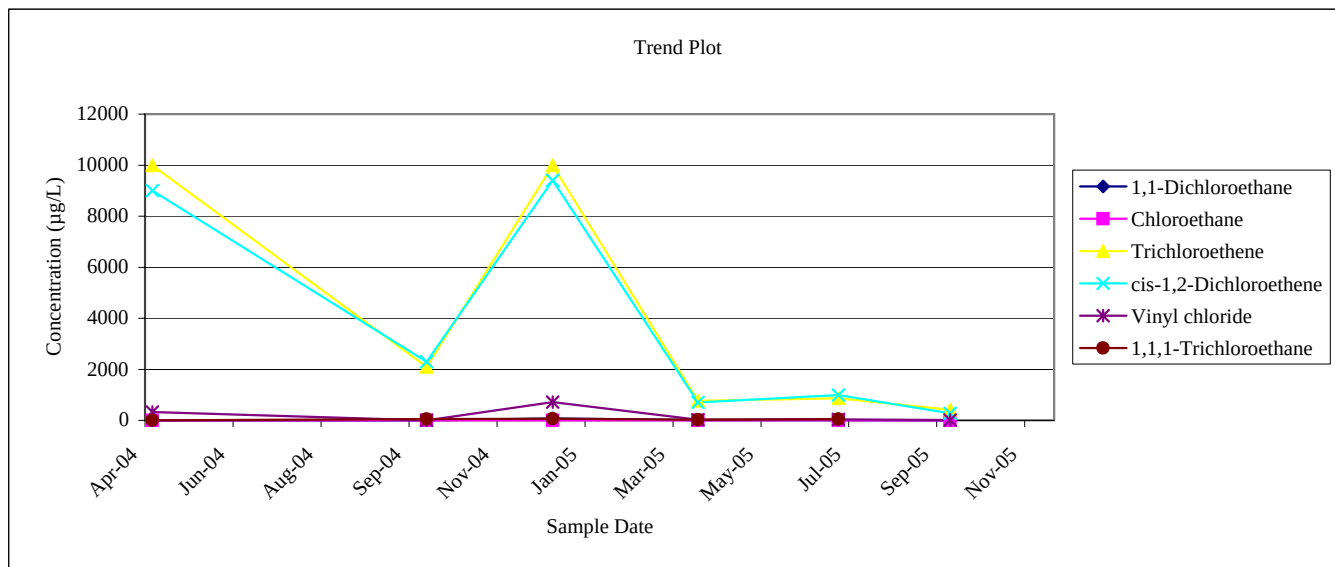
PIEZOMETER MW-13D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	< 10	< 10	17	2	< 10	< 10
10/12/2004	< 10	< 10	7	2	< 10	< 10
1/6/2005	< 10	< 10	< 10	< 10	< 10	< 10
4/15/2005	< 10	< 10	8	4	< 10	< 10
7/20/2005	< 5	< 5	1	2	< 5	< 5
10/4/2005	< 5	< 5	1.4	1.5	< 5	



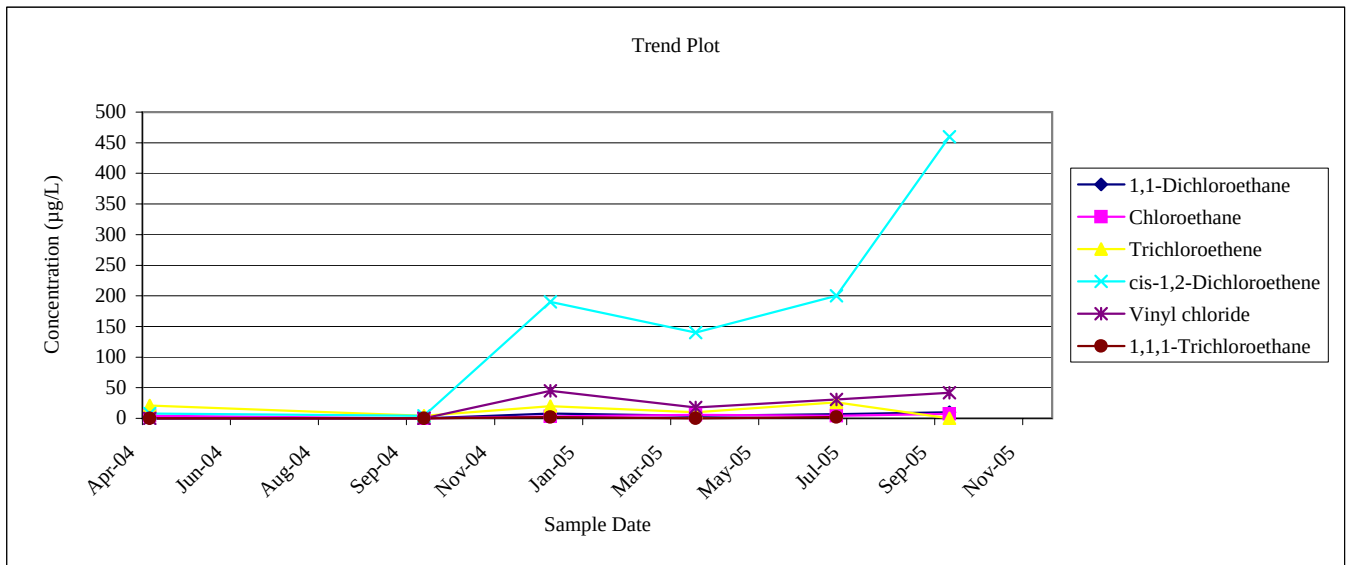
PIEZOMETER MW-13S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	< 100	< 100	10000	9000	320	< 100
10/12/2004	< 200	< 200	2100	2300	< 200	56
1/6/2005	75	< 200	10000	9400	720	62
4/15/2005	9	< 50	760	700	28	20
7/20/2005	16	< 40	870	990	37	49
10/4/2005	< 40	< 40	410	280	9.1	



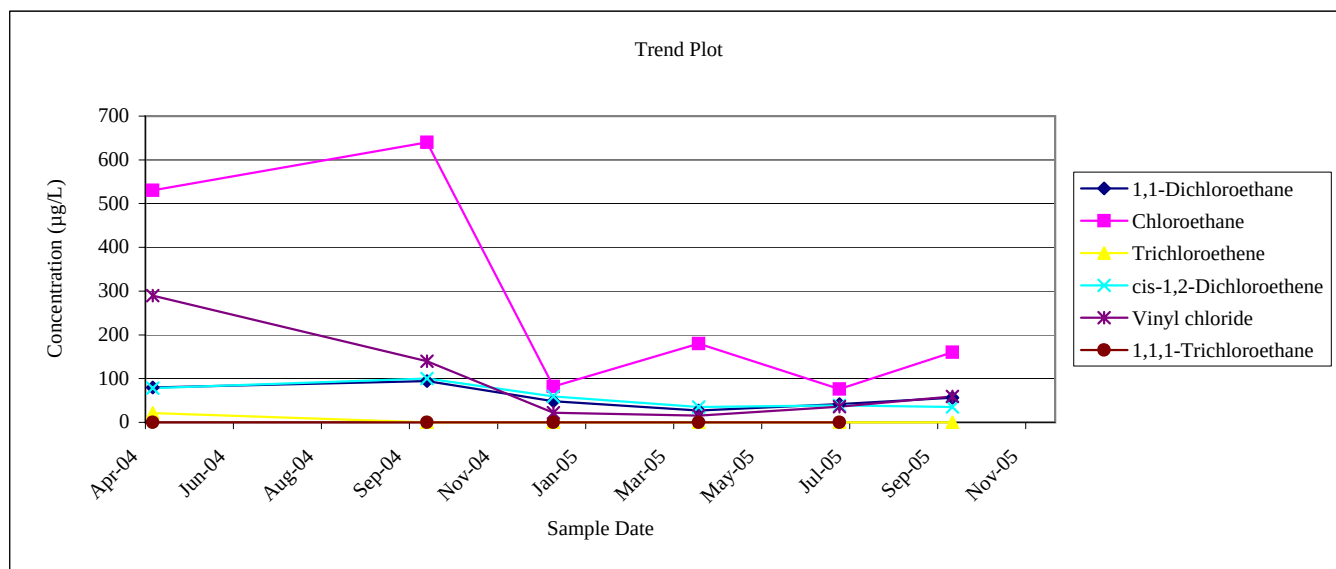
PIEZOMETER MW-14D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	< 10	4	21	8	< 10	< 10
10/12/2004	< 10	< 10	4	4	< 10	< 10
1/6/2005	8	3	20	190	45	2
4/15/2005	4	6	10	140	18	< 10
7/20/2005	7	4	26	200	31	2
10/5/2005	9.9	7.2	< 10	460	42	



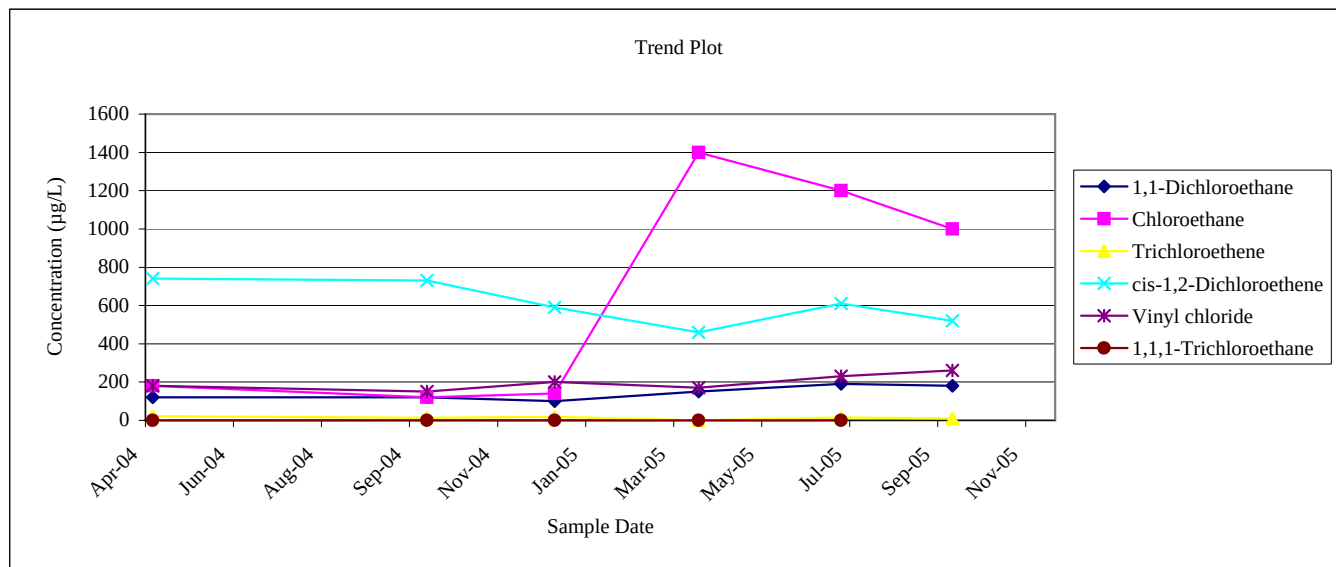
PIEZOMETER MW-14S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	80	530	21	78	290	< 20
10/12/2004	94	640	< 10	100	140	< 10
1/6/2005	48	82	< 10	59	22	< 10
4/15/2005	27	180	< 10	35	15	< 10
7/20/2005	42	76	< 5	39	36	< 5
10/5/2005	56	160	< 5	35	59	



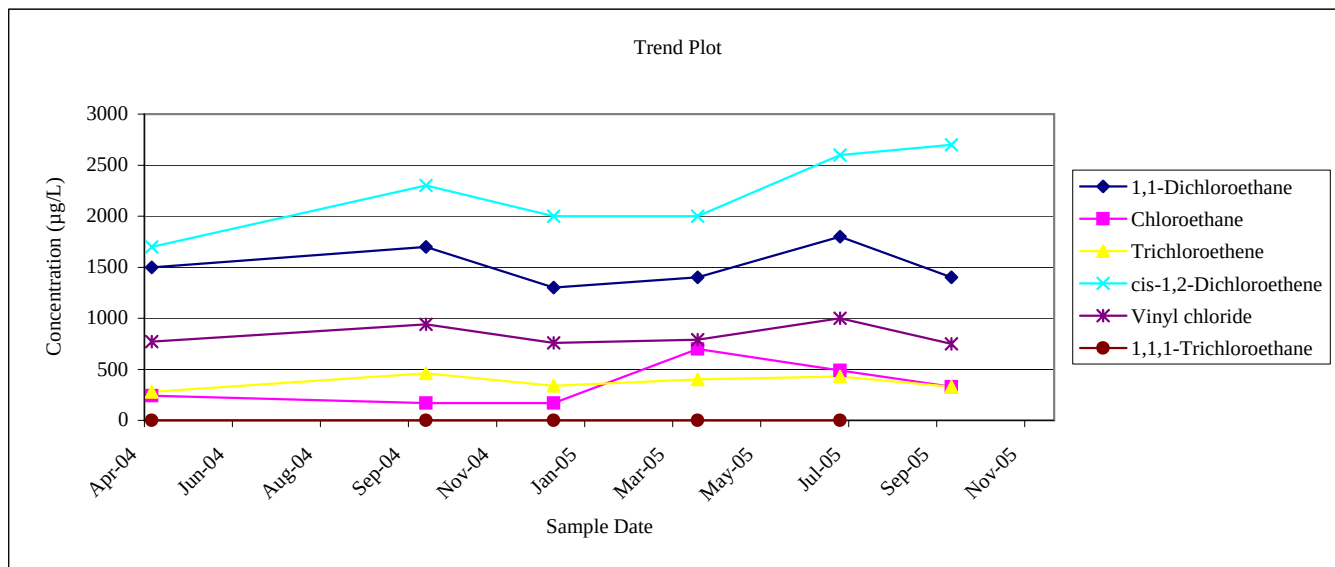
PIEZOMETER MW-15D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	120	180	21	740	180	< 10
10/12/2004	120	120	14	730	150	< 50
1/7/2005	100	140	18	590	200	< 50
4/15/2005	150	1400	< 50	460	170	< 50
7/21/2005	190	1200	15	610	230	< 25
10/5/2005	180	1000	10	520	260	



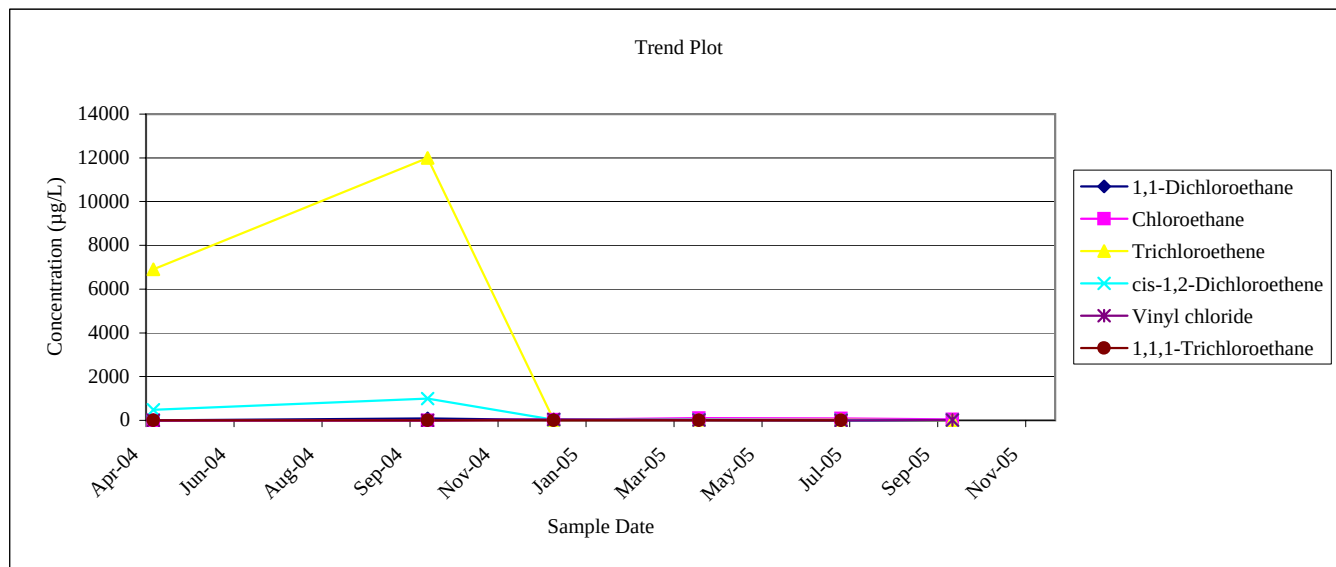
PIEZOMETER MW-15S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	1500	240	280	1700	770	< 250
10/12/2004	1700	170	460	2300	940	< 250
1/7/2005	1300	170	340	2000	760	< 250
4/15/2005	1400	700	400	2000	790	< 200
7/21/2005	1800	490	430	2600	1000	< 120
10/5/2005	1400	330	330	2700	750	



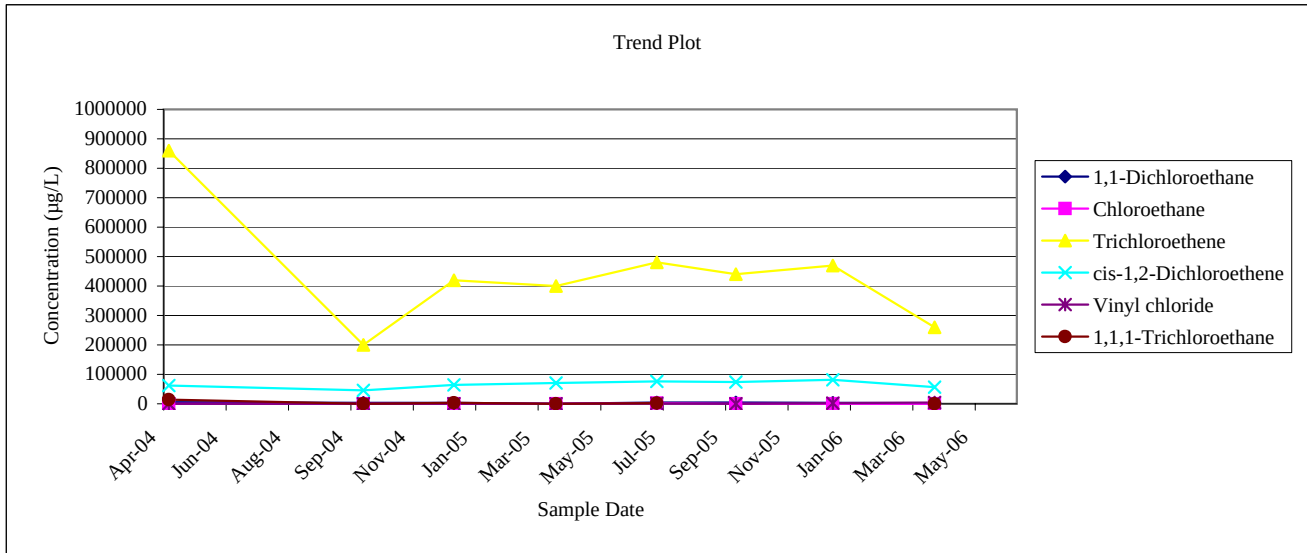
PIEZOMETER MW-16D
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	< 500	< 500	6900	490	< 500	< 500
10/12/2004	91	< 500	12000	1000	< 500	< 500
1/6/2005	15	22	9	27	39	< 10
4/15/2005	10	100	32	36	17	< 10
7/21/2005	2	84	25	12	4	< 10
10/5/2005	5	41	1.3	16	10	



PIEZOMETER MW-16S
SUMMARY OF VOCs IN GROUNDWATER
Former Scott Aviation Site
Lancaster, New York

Sample Date	Analytical Results (µg/L)					
	1,1-Dichloroethane	Chloroethane	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane
4/8/2004	5000	< 20000	860000	62000	< 20000	14000
10/12/2004	2900	< 10000	200000	46000	< 10000	<10000
1/7/2005	3800	< 10000	420000	64000	< 10000	3300
4/15/2005	< 25000	< 25000	400000	71000	< 25000	<25000
7/21/2005	4400	2200	480000	76000	1500	2700
10/5/2005	4100	< 25000	440000	74000	< 25000	
1/6/2006	3300	< 20000	470000	82000	2600	
4/14/2006	2600	<20000	260000	56000	3900	<20000



APPENDIX D

**ANALYTICAL DATA
(PROVIDED ON CD)**

ANALYTICAL REPORT

Job#: A06-3924

STL Project#: NY3A9023

Site Name: Earth Tech - Scott Aviation site

Task: Earth Tech, Inc. - Scott Aviation site

Mr. Jim Kaczor
Earth Tech, Inc.
100 Corporate Pkwy, Ste 341
Amherst, NY 14226

STL Buffalo



Brian J. Fischer
Project Manager

04/24/2006

STL Buffalo Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA, ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA, RCRA	C1677
West Virginia	CWA, RCRA	252
Wisconsin	CWA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A6392410	DUP	WATER	04/11/2006	08:00	04/12/2006	15:15
A6392406	MW-10	WATER	04/11/2006	16:00	04/12/2006	15:15
A6392407	MW-11	WATER	04/11/2006	11:00	04/12/2006	15:15
A6392408	MW-12	WATER	04/12/2006	09:55	04/12/2006	15:15
A6392409	MW-16S	WATER	04/11/2006	12:40	04/12/2006	15:15
A6392401	MW-2	WATER	04/11/2006	09:50	04/12/2006	15:15
A6392402	MW-3	WATER	04/11/2006	13:55	04/12/2006	15:15
A6392403	MW-4	WATER	04/12/2006	12:00	04/12/2006	15:15
A6392404	MW-6	WATER	04/12/2006	09:05	04/12/2006	15:15
A6392405	MW-8R	WATER	04/12/2006	10:50	04/12/2006	15:15
A6392411	RINSE BLANK	WATER	04/12/2006	08:00	04/12/2006	15:15
A6392412	Trip Blank	WATER	04/12/2006		04/12/2006	15:15

METHODS SUMMARY

Job#: A06-3924STL Project#: NY3A9023Site Name: Earth Tech - Scott Aviation site

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-3924STL Project#: NY3A9023Site Name: Earth Tech - Scott Aviation siteGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-3924

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

All samples were received in good condition.

GC/MS Volatile Data

As a result of low volume, the sample DUP was analyzed from a vial containing headspace.

All samples were preserved to a pH less than 2.

Initial calibration standard curve A6I00001371-1 exhibited the %RSD of the compounds Bromomethane, Tetrachloroethene, 1,3-Dichlorobenzene, and 1,4-Dichlorobenzene as greater than 15%. However, the mean RSD of all compounds is 6.84%.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

4-25-06

Date

Date: 04/24/2006

Time: 14:14:33

Dilution Log w/Code Information

For Job A06-3924

8/219

Page: 1

Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
MW-2	A6392401	8260	5.00	003
MW-3	A6392402	8260	5.00	003
MW-4	A6392403	8260	100.00	008
MW-8R	A6392405	8260	200.00	008
MW-11	A6392407	8260	4.00	003
MW-12	A6392408	8260	5.00	003
MW-16S	A6392409	8260	4000.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
DUP	A6392410	SW8463	-	-	-	-	-	-
MW-10	A6392406	SW8463	-	-	-	-	-	-
MW-11	A6392407	SW8463	-	-	-	-	-	-
MW-12	A6392408	SW8463	-	-	-	-	-	-
MW-16S	A6392409	SW8463	-	-	-	-	-	-
MW-2	A6392401	SW8463	-	-	-	-	-	-
MW-3	A6392402	SW8463	-	-	-	-	-	-
MW-4	A6392403	SW8463	-	-	-	-	-	-
MW-6	A6392404	SW8463	-	-	-	-	-	-
MW-8R	A6392405	SW8463	-	-	-	-	-	-

NYSDEC-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
DUP	WATER	04/11/2006	04/12/2006	-	04/14/2006
MW-10	WATER	04/11/2006	04/12/2006	-	04/14/2006
MW-11	WATER	04/11/2006	04/12/2006	-	04/14/2006
MW-12	WATER	04/12/2006	04/12/2006	-	04/14/2006
MW-16S	WATER	04/11/2006	04/12/2006	-	04/14/2006
MW-2	WATER	04/11/2006	04/12/2006	-	04/13/2006
MW-3	WATER	04/11/2006	04/12/2006	-	04/13/2006
MW-4	WATER	04/12/2006	04/12/2006	-	04/14/2006
MW-6	WATER	04/12/2006	04/12/2006	-	04/14/2006
MW-8R	WATER	04/12/2006	04/12/2006	-	04/14/2006

NYSDEC-2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
DUP	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-10	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-11	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-12	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-16S	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-2	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-3	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-4	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-6	WATER	SW8463	-	AS REQUIRED	AS REQUIRED
MW-8R	WATER	SW8463	-	AS REQUIRED	AS REQUIRED



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392410Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8521.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392410Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8521.RRLevel: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	25	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----Styrene	5.0	U
79-34-5-----1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----Tetrachloroethene	5.0	U
108-88-3-----Toluene	5.0	U
120-82-1-----1,2,4-Trichlorobenzene	5.0	U
71-55-6-----1,1,1-Trichloroethane	5.0	U
79-00-5-----1,1,2-Trichloroethane	5.0	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----Trichlorofluoromethane	5.0	U
79-01-6-----Trichloroethene	5.0	U
75-01-4-----Vinyl chloride	5.0	U
1330-20-7-----Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-10

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392406Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8477.RRLevel: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392406Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8477.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	25	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----Styrene	5.0	U
79-34-5-----1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----Tetrachloroethene	5.0	U
108-88-3-----Toluene	5.0	U
120-82-1-----1,2,4-Trichlorobenzene	5.0	U
71-55-6-----1,1,1-Trichloroethane	5.0	U
79-00-5-----1,1,2-Trichloroethane	5.0	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----Trichlorofluoromethane	5.0	U
79-01-6-----Trichloroethene	5.0	U
75-01-4-----Vinyl chloride	5.0	U
1330-20-7-----Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-11

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392407Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8478.RRLevel: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	100	U
71-43-2-----	Benzene	20	U
75-27-4-----	Bromodichloromethane	20	U
75-25-2-----	Bromoform	20	U
74-83-9-----	Bromomethane	20	U
78-93-3-----	2-Butanone	100	U
75-15-0-----	Carbon Disulfide	3.5	J
56-23-5-----	Carbon Tetrachloride	20	U
108-90-7-----	Chlorobenzene	20	U
75-00-3-----	Chloroethane	16	J
67-66-3-----	Chloroform	20	U
74-87-3-----	Chloromethane	20	U
110-82-7-----	Cyclohexane	20	U
106-93-4-----	1,2-Dibromoethane	20	U
124-48-1-----	Dibromochloromethane	20	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20	U
95-50-1-----	1,2-Dichlorobenzene	20	U
541-73-1-----	1,3-Dichlorobenzene	20	U
106-46-7-----	1,4-Dichlorobenzene	20	U
75-71-8-----	Dichlorodifluoromethane	20	U
75-34-3-----	1,1-Dichloroethane	4.1	J
107-06-2-----	1,2-Dichloroethane	20	U
75-35-4-----	1,1-Dichloroethene	20	U
156-59-2-----	cis-1,2-Dichloroethene	9.0	J
156-60-5-----	trans-1,2-Dichloroethene	20	U
78-87-5-----	1,2-Dichloropropane	20	U
10061-01-5----	cis-1,3-Dichloropropene	20	U
10061-02-6----	trans-1,3-Dichloropropene	20	U
100-41-4-----	Ethylbenzene	20	U
591-78-6-----	2-Hexanone	100	U
98-82-8-----	Isopropylbenzene	20	U
79-20-9-----	Methyl acetate	20	U
108-87-2-----	Methylcyclohexane	20	U
75-09-2-----	Methylene chloride	20	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-11

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6392407Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8478.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 4.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

108-10-1-----4-Methyl-2-pentanone	100	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	20	U
100-42-5-----Styrene	20	U
79-34-5-----1,1,2,2-Tetrachloroethane	20	U
127-18-4-----Tetrachloroethene	20	U
108-88-3-----Toluene	20	U
120-82-1-----1,2,4-Trichlorobenzene	20	U
71-55-6-----1,1,1-Trichloroethane	20	U
79-00-5-----1,1,2-Trichloroethane	20	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
75-69-4-----Trichlorofluoromethane	20	U
79-01-6-----Trichloroethene	20	U
75-01-4-----Vinyl chloride	4.0	J
1330-20-7-----Total Xylenes	60	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-12

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392408Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8479.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	120	U
71-43-2-----	Benzene	25	U
75-27-4-----	Bromodichloromethane	25	U
75-25-2-----	Bromoform	25	U
74-83-9-----	Bromomethane	25	U
78-93-3-----	2-Butanone	120	U
75-15-0-----	Carbon Disulfide	25	U
56-23-5-----	Carbon Tetrachloride	25	U
108-90-7-----	Chlorobenzene	25	U
75-00-3-----	Chloroethane	28	
67-66-3-----	Chloroform	25	U
74-87-3-----	Chloromethane	25	U
110-82-7-----	Cyclohexane	25	U
106-93-4-----	1,2-Dibromoethane	25	U
124-48-1-----	Dibromochloromethane	25	U
96-12-8-----	1,2-Dibromo-3-chloropropane	25	U
95-50-1-----	1,2-Dichlorobenzene	25	U
541-73-1-----	1,3-Dichlorobenzene	25	U
106-46-7-----	1,4-Dichlorobenzene	25	U
75-71-8-----	Dichlorodifluoromethane	25	U
75-34-3-----	1,1-Dichloroethane	6.9	J
107-06-2-----	1,2-Dichloroethane	25	U
75-35-4-----	1,1-Dichloroethene	25	U
156-59-2-----	cis-1,2-Dichloroethene	25	U
156-60-5-----	trans-1,2-Dichloroethene	25	U
78-87-5-----	1,2-Dichloropropane	25	U
10061-01-5----	cis-1,3-Dichloropropene	25	U
10061-02-6----	trans-1,3-Dichloropropene	25	U
100-41-4-----	Ethylbenzene	25	U
591-78-6-----	2-Hexanone	120	U
98-82-8-----	Isopropylbenzene	25	U
79-20-9-----	Methyl acetate	25	U
108-87-2-----	Methylcyclohexane	25	U
75-09-2-----	Methylene chloride	25	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-12

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392408Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8479.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	120	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	25	U
100-42-5-----Styrene	25	U
79-34-5-----1,1,2,2-Tetrachloroethane	25	U
127-18-4-----Tetrachloroethene	25	U
108-88-3-----Toluene	25	U
120-82-1-----1,2,4-Trichlorobenzene	25	U
71-55-6-----1,1,1-Trichloroethane	25	U
79-00-5-----1,1,2-Trichloroethane	25	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4-----Trichlorofluoromethane	25	U
79-01-6-----Trichloroethene	25	U
75-01-4-----Vinyl chloride	6.3	J
1330-20-7-----Total Xylenes	75	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-16S

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6392409Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8503.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 4000.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

67-64-1-----	Acetone	100000	U
71-43-2-----	Benzene	20000	U
75-27-4-----	Bromodichloromethane	20000	U
75-25-2-----	Bromoform	20000	U
74-83-9-----	Bromomethane	20000	U
78-93-3-----	2-Butanone	100000	U
75-15-0-----	Carbon Disulfide	20000	U
56-23-5-----	Carbon Tetrachloride	20000	U
108-90-7-----	Chlorobenzene	20000	U
75-00-3-----	Chloroethane	20000	U
67-66-3-----	Chloroform	20000	U
74-87-3-----	Chloromethane	20000	U
110-82-7-----	Cyclohexane	20000	U
106-93-4-----	1,2-Dibromoethane	20000	U
124-48-1-----	Dibromochloromethane	20000	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20000	U
95-50-1-----	1,2-Dichlorobenzene	20000	U
541-73-1-----	1,3-Dichlorobenzene	20000	U
106-46-7-----	1,4-Dichlorobenzene	20000	U
75-71-8-----	Dichlorodifluoromethane	20000	U
75-34-3-----	1,1-Dichloroethane	2600	J
107-06-2-----	1,2-Dichloroethane	20000	U
75-35-4-----	1,1-Dichloroethene	20000	U
156-59-2-----	cis-1,2-Dichloroethene	56000	
156-60-5-----	trans-1,2-Dichloroethene	20000	U
78-87-5-----	1,2-Dichloropropane	20000	U
10061-01-5----	cis-1,3-Dichloropropene	20000	U
10061-02-6----	trans-1,3-Dichloropropene	20000	U
100-41-4-----	Ethylbenzene	20000	U
591-78-6-----	2-Hexanone	100000	U
98-82-8-----	Isopropylbenzene	20000	U
79-20-9-----	Methyl acetate	20000	U
108-87-2-----	Methylcyclohexane	20000	U
75-09-2-----	Methylene chloride	20000	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-16S

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392409Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8503.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 4000.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	100000	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	20000	U
100-42-5-----Styrene	20000	U
79-34-5-----1,1,2,2-Tetrachloroethane	20000	U
127-18-4-----Tetrachloroethene	20000	U
108-88-3-----Toluene	20000	U
120-82-1-----1,2,4-Trichlorobenzene	20000	U
71-55-6-----1,1,1-Trichloroethane	20000	U
79-00-5-----1,1,2-Trichloroethane	20000	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	20000	U
75-69-4-----Trichlorofluoromethane	20000	U
79-01-6-----Trichloroethene	260000	
75-01-4-----Vinyl chloride	3900	J
1330-20-7-----Total Xylenes	60000	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392401Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8472.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	120	U
71-43-2-----	Benzene	25	U
75-27-4-----	Bromodichloromethane	25	U
75-25-2-----	Bromoform	25	U
74-83-9-----	Bromomethane	25	U
78-93-3-----	2-Butanone	120	U
75-15-0-----	Carbon Disulfide	25	U
56-23-5-----	Carbon Tetrachloride	25	U
108-90-7-----	Chlorobenzene	25	U
75-00-3-----	Chloroethane	27	
67-66-3-----	Chloroform	25	U
74-87-3-----	Chloromethane	25	U
110-82-7-----	Cyclohexane	25	U
106-93-4-----	1,2-Dibromoethane	25	U
124-48-1-----	Dibromochloromethane	25	U
96-12-8-----	1,2-Dibromo-3-chloropropane	25	U
95-50-1-----	1,2-Dichlorobenzene	25	U
541-73-1-----	1,3-Dichlorobenzene	25	U
106-46-7-----	1,4-Dichlorobenzene	25	U
75-71-8-----	Dichlorodifluoromethane	25	U
75-34-3-----	1,1-Dichloroethane	25	U
107-06-2-----	1,2-Dichloroethane	25	U
75-35-4-----	1,1-Dichloroethene	25	U
156-59-2-----	cis-1,2-Dichloroethene	25	U
156-60-5-----	trans-1,2-Dichloroethene	25	U
78-87-5-----	1,2-Dichloropropane	25	U
10061-01-5----	cis-1,3-Dichloropropene	25	U
10061-02-6----	trans-1,3-Dichloropropene	25	U
100-41-4-----	Ethylbenzene	25	U
591-78-6-----	2-Hexanone	120	U
98-82-8-----	Isopropylbenzene	25	U
79-20-9-----	Methyl acetate	25	U
108-87-2-----	Methylcyclohexane	25	U
75-09-2-----	Methylene chloride	25	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6392401Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8472.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	120	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	25	U
100-42-5-----	Styrene	25	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25	U
127-18-4-----	Tetrachloroethene	25	U
108-88-3-----	Toluene	25	U
120-82-1-----	1,2,4-Trichlorobenzene	25	U
71-55-6-----	1,1,1-Trichloroethane	25	U
79-00-5-----	1,1,2-Trichloroethane	25	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4-----	Trichlorofluoromethane	25	U
79-01-6-----	Trichloroethene	25	U
75-01-4-----	Vinyl chloride	25	U
1330-20-7-----	Total Xylenes	75	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392402Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8473.RRLevel: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	120	U
71-43-2-----	Benzene	25	U
75-27-4-----	Bromodichloromethane	25	U
75-25-2-----	Bromoform	25	U
74-83-9-----	Bromomethane	25	U
78-93-3-----	2-Butanone	120	U
75-15-0-----	Carbon Disulfide	25	U
56-23-5-----	Carbon Tetrachloride	25	U
108-90-7-----	Chlorobenzene	25	U
75-00-3-----	Chloroethane	2.8	J
67-66-3-----	Chloroform	25	U
74-87-3-----	Chloromethane	25	U
110-82-7-----	Cyclohexane	25	U
106-93-4-----	1,2-Dibromoethane	25	U
124-48-1-----	Dibromochloromethane	25	U
96-12-8-----	1,2-Dibromo-3-chloropropane	25	U
95-50-1-----	1,2-Dichlorobenzene	25	U
541-73-1-----	1,3-Dichlorobenzene	25	U
106-46-7-----	1,4-Dichlorobenzene	25	U
75-71-8-----	Dichlorodifluoromethane	25	U
75-34-3-----	1,1-Dichloroethane	4.9	J
107-06-2-----	1,2-Dichloroethane	25	U
75-35-4-----	1,1-Dichloroethene	25	U
156-59-2-----	cis-1,2-Dichloroethene	25	U
156-60-5-----	trans-1,2-Dichloroethene	25	U
78-87-5-----	1,2-Dichloropropane	25	U
10061-01-5----	cis-1,3-Dichloropropene	25	U
10061-02-6----	trans-1,3-Dichloropropene	25	U
100-41-4-----	Ethylbenzene	25	U
591-78-6-----	2-Hexanone	120	U
98-82-8-----	Isopropylbenzene	25	U
79-20-9-----	Methyl acetate	25	U
108-87-2-----	Methylcyclohexane	25	U
75-09-2-----	Methylene chloride	25	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6392402Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8473.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

108-10-1-----	4-Methyl-2-pentanone	120	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	25	U
100-42-5-----	Styrene	25	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25	U
127-18-4-----	Tetrachloroethene	25	U
108-88-3-----	Toluene	25	U
120-82-1-----	1,2,4-Trichlorobenzene	25	U
71-55-6-----	1,1,1-Trichloroethane	25	U
79-00-5-----	1,1,2-Trichloroethane	25	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4-----	Trichlorofluoromethane	25	U
79-01-6-----	Trichloroethene	25	U
75-01-4-----	Vinyl chloride	25	U
1330-20-7-----	Total Xylenes	75	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392403Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8501.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	2500	U
71-43-2-----	Benzene	500	U
75-27-4-----	Bromodichloromethane	500	U
75-25-2-----	Bromoform	500	U
74-83-9-----	Bromomethane	500	U
78-93-3-----	2-Butanone	2500	U
75-15-0-----	Carbon Disulfide	500	U
56-23-5-----	Carbon Tetrachloride	500	U
108-90-7-----	Chlorobenzene	500	U
75-00-3-----	Chloroethane	500	U
67-66-3-----	Chloroform	500	U
74-87-3-----	Chloromethane	500	U
110-82-7-----	Cyclohexane	500	U
106-93-4-----	1,2-Dibromoethane	500	U
124-48-1-----	Dibromochloromethane	500	U
96-12-8-----	1,2-Dibromo-3-chloropropane	500	U
95-50-1-----	1,2-Dichlorobenzene	500	U
541-73-1-----	1,3-Dichlorobenzene	500	U
106-46-7-----	1,4-Dichlorobenzene	500	U
75-71-8-----	Dichlorodifluoromethane	500	U
75-34-3-----	1,1-Dichloroethane	120	J
107-06-2-----	1,2-Dichloroethane	500	U
75-35-4-----	1,1-Dichloroethene	53	J
156-59-2-----	cis-1,2-Dichloroethene	6800	
156-60-5-----	trans-1,2-Dichloroethene	500	U
78-87-5-----	1,2-Dichloropropane	500	U
10061-01-5----	cis-1,3-Dichloropropene	500	U
10061-02-6----	trans-1,3-Dichloropropene	500	U
100-41-4-----	Ethylbenzene	500	U
591-78-6-----	2-Hexanone	2500	U
98-82-8-----	Isopropylbenzene	500	U
79-20-9-----	Methyl acetate	500	U
108-87-2-----	Methylcyclohexane	500	U
75-09-2-----	Methylene chloride	500	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392403Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8501.RRLevel: (low/med) LOWDate Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 100.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	2500	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	500	U
100-42-5-----	Styrene	500	U
79-34-5-----	1,1,2,2-Tetrachloroethane	500	U
127-18-4-----	Tetrachloroethene	500	U
108-88-3-----	Toluene	500	U
120-82-1-----	1,2,4-Trichlorobenzene	500	U
71-55-6-----	1,1,1-Trichloroethane	500	U
79-00-5-----	1,1,2-Trichloroethane	500	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	500	U
75-69-4-----	Trichlorofluoromethane	500	U
79-01-6-----	Trichloroethene	3200	
75-01-4-----	Vinyl chloride	280	J
1330-20-7-----	Total Xylenes	1500	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392404Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8475.RRLevel: (low/med) LOWDate Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392404Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8475.RRLevel: (low/med) LOWDate Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	25	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----Styrene	5.0	U
79-34-5-----1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----Tetrachloroethene	5.0	U
108-88-3-----Toluene	5.0	U
120-82-1-----1,2,4-Trichlorobenzene	5.0	U
71-55-6-----1,1,1-Trichloroethane	5.0	U
79-00-5-----1,1,2-Trichloroethane	5.0	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----Trichlorofluoromethane	5.0	U
79-01-6-----Trichloroethene	5.0	U
75-01-4-----Vinyl chloride	5.0	U
1330-20-7-----Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8R

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392405Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8502.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 200.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5000	U
71-43-2-----	Benzene	1000	U
75-27-4-----	Bromodichloromethane	1000	U
75-25-2-----	Bromoform	1000	U
74-83-9-----	Bromomethane	1000	U
78-93-3-----	2-Butanone	5000	U
75-15-0-----	Carbon Disulfide	1000	U
56-23-5-----	Carbon Tetrachloride	1000	U
108-90-7-----	Chlorobenzene	1000	U
75-00-3-----	Chloroethane	220	J
67-66-3-----	Chloroform	1000	U
74-87-3-----	Chloromethane	1000	U
110-82-7-----	Cyclohexane	1000	U
106-93-4-----	1,2-Dibromoethane	1000	U
124-48-1-----	Dibromochloromethane	1000	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1000	U
95-50-1-----	1,2-Dichlorobenzene	1000	U
541-73-1-----	1,3-Dichlorobenzene	1000	U
106-46-7-----	1,4-Dichlorobenzene	1000	U
75-71-8-----	Dichlorodifluoromethane	1000	U
75-34-3-----	1,1-Dichloroethane	200	J
107-06-2-----	1,2-Dichloroethane	1000	U
75-35-4-----	1,1-Dichloroethene	1000	U
156-59-2-----	cis-1,2-Dichloroethene	7400	
156-60-5-----	trans-1,2-Dichloroethene	1000	U
78-87-5-----	1,2-Dichloropropane	1000	U
10061-01-5----	cis-1,3-Dichloropropene	1000	U
10061-02-6----	trans-1,3-Dichloropropene	1000	U
100-41-4-----	Ethylbenzene	1000	U
591-78-6-----	2-Hexanone	5000	U
98-82-8-----	Isopropylbenzene	1000	U
79-20-9-----	Methyl acetate	1000	U
108-87-2-----	Methylcyclohexane	1000	U
75-09-2-----	Methylene chloride	1000	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8R

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392405Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8502.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 200.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5000	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1000	U
100-42-5-----	Styrene	1000	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1000	U
127-18-4-----	Tetrachloroethene	1000	U
108-88-3-----	Toluene	1000	U
120-82-1-----	1,2,4-Trichlorobenzene	1000	U
71-55-6-----	1,1,1-Trichloroethane	1000	U
79-00-5-----	1,1,2-Trichloroethane	1000	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	U
75-69-4-----	Trichlorofluoromethane	1000	U
79-01-6-----	Trichloroethene	14000	
75-01-4-----	Vinyl chloride	1200	
1330-20-7-----	Total Xylenes	3000	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

RINSE BLANK

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392411Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8482.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

RINSE BLANK

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392411Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8482.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	25	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----Styrene	5.0	U
79-34-5-----1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----Tetrachloroethene	5.0	U
108-88-3-----Toluene	5.0	U
120-82-1-----1,2,4-Trichlorobenzene	5.0	U
71-55-6-----1,1,1-Trichloroethane	5.0	U
79-00-5-----1,1,2-Trichloroethane	5.0	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----Trichlorofluoromethane	5.0	U
79-01-6-----Trichloroethene	5.0	U
75-01-4-----Vinyl chloride	5.0	U
1330-20-7-----Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392412Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8470.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6392412Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8470.RRLevel: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	5.0	U
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
1	DUP	A6392410	90	113	97						0
2	MSB42	A6B1714201	89	95	81						0
3	MSB43	A6B1720901	88	101	90						0
4	MW-10	A6392406	82	104	88						0
5	MW-11	A6392407	83	107	89						0
6	MW-12	A6392408	80	102	90						0
7	MW-16S	A6392409	82	109	92						0
8	MW-2	A6392401	84	100	90						0
9	MW-3	A6392402	83	103	90						0
10	MW-4	A6392403	81	104	89						0
11	MW-6	A6392404	87	106	91						0
12	MW-8R	A6392405	81	107	89						0
13	RINSE BLANK	A6392411	85	106	93						0
14	Trip Blank	A6392412	84	101	91						0
15	VBLK42	A6B1714202	86	95	90						0
16	VBLK43	A6B1720902	84	101	88						0

QC LIMITS

BFB = p-Bromofluorobenzene

(73-120)

DCE = 1,2-Dichloroethane-D4

(72-143)

TOL = Toluene-D8

(76-122)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

EARTH TECH, INC.
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 METHOD 8260 - TCL VOLATILE ORGANICS
 WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B1714202Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VBLK42

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	25.0	27.2	109	65 - 142
Trichloroethene _____	25.0	25.9	104	71 - 120
Benzene _____	25.0	25.9	104	67 - 126
Toluene _____	25.0	23.8	95	69 - 120
Chlorobenzene _____	25.0	23.2	93	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: ____0 out of ____5 outside limits

Comments:

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B1720902Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VBLK43

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	25.0	25.2	101	65 - 142
Trichloroethene _____	25.0	24.7	99	71 - 120
Benzene _____	25.0	24.3	98	67 - 126
Toluene _____	25.0	25.6	102	69 - 120
Chlorobenzene _____	25.0	23.6	94	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limitsComments: _____

EARTH TECH, INC.
 EARTH TECH, INC. - SCOTT AVIATION SITE
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

Lab Name: STL Buffalo

Contract: _____

VBLK42

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: R8468.RRLab Sample ID: A6B1714202Date Analyzed: 04/13/2006Time Analyzed: 21:56GC Column: DB-624 ID: 0.25 (mm)Heated Purge: (Y/N) NInstrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB42	A6B1714201	R8467.RR	21:33
2	MW-10	A6392406	R8477.RR	01:25
3	MW-11	A6392407	R8478.RR	01:47
4	MW-12	A6392408	R8479.RR	02:10
5	MW-2	A6392401	R8472.RR	23:31
6	MW-3	A6392402	R8473.RR	23:54
7	MW-6	A6392404	R8475.RR	00:39
8	RINSE BLANK	A6392411	R8482.RR	03:18
9	Trip Blank	A6392412	R8470.RR	22:46

Comments: _____

EARTH TECH, INC.
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6B1714202Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8468.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6B1714202Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8468.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	25	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----Styrene	5.0	U
79-34-5-----1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----Tetrachloroethene	5.0	U
108-88-3-----Toluene	5.0	U
120-82-1-----1,2,4-Trichlorobenzene	5.0	U
71-55-6-----1,1,1-Trichloroethane	5.0	U
79-00-5-----1,1,2-Trichloroethane	5.0	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----Trichlorofluoromethane	5.0	U
79-01-6-----Trichloroethene	5.0	U
75-01-4-----Vinyl chloride	5.0	U
1330-20-7-----Total Xylenes	15	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.

Lab Name: STL Buffalo

Contract: _____

VBLK43

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: R8499.RRLab Sample ID: A6B1720902Date Analyzed: 04/14/2006Time Analyzed: 12:52GC Column: DB-624 ID: 0.25 (mm)Heated Purge: (Y/N) NInstrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	DUP	A6392410	R8521.RR	21:19
2	MSB43	A6B1720901	R8498.RR	12:20
3	MW-16S	A6392409	R8503.RR	14:24
4	MW-4	A6392403	R8501.RR	13:38
5	MW-8R	A6392405	R8502.RR	14:01

Comments: _____

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK43

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B1720902Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8499.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK43

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6B1720902Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8499.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	5.0	U
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

EARTH TECH, INC.
 EARTH TECH, INC. - SCOTT AVIATION SITE
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0004279
 Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): R8465.RR Date Analyzed: 04/13/2006
 Instrument ID: HP5973R Time Analyzed: 20:46
 GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		331415	7.40	227258	9.46	339505	4.98
UPPER LIMIT		662830	7.90	454516	9.96	679010	5.48
LOWER LIMIT		165708	6.90	113629	8.96	169753	4.48
CLIENT SAMPLE	Lab Sample ID						
1 MSB42	A6B1714201	357036	7.40	230583	9.46	337195	4.97
2 MW-10	A6392406	290933	7.40	149294	9.46	301984	4.98
3 MW-11	A6392407	270812	7.40	143722	9.46	280683	4.98
4 MW-12	A6392408	305009	7.40	153812	9.46	322501	4.98
5 MW-2	A6392401	290820	7.40	159675	9.46	315489	4.97
6 MW-3	A6392402	279399	7.40	147622	9.46	300877	4.98
7 MW-6	A6392404	285034	7.40	154775	9.46	303801	4.98
8 RINSE BLANK	A6392411	296655	7.40	158417	9.46	311820	4.97
9 Trip Blank	A6392412	292205	7.40	159269	9.46	314737	4.98
10 VBLK42	A6B1714202	317903	7.40	181057	9.46	350289	4.98

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

EARTH TECH, INC.
 EARTH TECH, INC. - SCOTT AVIATION SITE
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0004288
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): R8497.RR Date Analyzed: 04/14/2006
 Instrument ID: HP5973R Time Analyzed: 11:56
 GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		334359	7.40	234726	9.46	341556	4.98
UPPER LIMIT		668718	7.90	469452	9.96	683112	5.48
LOWER LIMIT		167180	6.90	117363	8.96	170778	4.48
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 DUP	A6392410	260465	7.40	143603	9.46	281721	4.98
2 MSB43	A6B1720901	317099	7.40	179995	9.46	349993	4.98
3 MW-16S	A6392409	268946	7.40	147686	9.46	292781	4.98
4 MW-4	A6392403	274164	7.40	147919	9.46	299790	4.98
5 MW-8R	A6392405	274765	7.40	150086	9.46	291094	4.98
6 VBLK43	A6B1720902	314174	7.40	168888	9.46	341471	4.98

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A6392410	DUP	WATER	04/11/2006	08:00	04/12/2006	15:15
A6392406	MW-10	WATER	04/11/2006	16:00	04/12/2006	15:15
A6392407	MW-11	WATER	04/11/2006	11:00	04/12/2006	15:15
A6392408	MW-12	WATER	04/12/2006	09:55	04/12/2006	15:15
A6392409	MW-16S	WATER	04/11/2006	12:40	04/12/2006	15:15
A6392401	MW-2	WATER	04/11/2006	09:50	04/12/2006	15:15
A6392402	MW-3	WATER	04/11/2006	13:55	04/12/2006	15:15
A6392403	MW-4	WATER	04/12/2006	12:00	04/12/2006	15:15
A6392404	MW-6	WATER	04/12/2006	09:05	04/12/2006	15:15
A6392405	MW-8R	WATER	04/12/2006	10:50	04/12/2006	15:15
A6392411	RINSE BLANK	WATER	04/12/2006	08:00	04/12/2006	15:15
A6392412	Trip Blank	WATER	04/12/2006		04/12/2006	15:15

METHODS SUMMARY

Job#: A06-3924STL Project#: NY3A9023Site Name: Earth Tech - Scott Aviation site

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-3924STL Project#: NY3A9023Site Name: Earth Tech - Scott Aviation siteGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-3924

Sample Cooler(s) were received at the following temperature(s); 2.0 °C

All samples were received in good condition.

GC/MS Volatile Data

As a result of low volume, the sample DUP was analyzed from a vial containing headspace.

All samples were preserved to a pH less than 2.

Initial calibration standard curve A6I00001371-1 exhibited the %RSD of the compounds Bromomethane, Tetrachloroethene, 1,3-Dichlorobenzene, and 1,4-Dichlorobenzene as greater than 15%. However, the mean RSD of all compounds is 6.84%.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Brian J. Fischer
Project Manager

4-25-86

Date

Chain of Custody Documentation

Chain of
Custody Record

STL-4124 (0901)

Client

Earth Tech

Project Manager

John Haramant

Date

4/12/06

Chain of Custody Number

251385

Address

100 Corporate Parkway, Suite 341

Telephone Number (Area Code)/Fax Number

Lab Number

Page

2

of

2

City

Amherst

State

NY

Zip Code

14226

Project Name and Location (State)

Scott Aviation, New York

Contract/Purchase Order/Quote No.

Site Contact

D. Zack

Lab Contact

B. Fischer

Matrix

Air

Aqueous

Sed.

Soil

Containers & Preservatives

Unpres.

H2SO4

HNO3

HCl

NaOH

ZnAc/NaOH

Sample I.D. No. and Description

(Containers for each sample may be combined on one line)

Date

Time

MW-2

4/11/06

0950

MW-3

4/11/06

1355

MW-4

4/12/06

1200

MW-6

4/12/06

0905

MW-8R

4/12/06

1050

MW-10

4/11/06

1600

MW-11

4/11/06

1100

MW-12

4/12/06

0955

MW-16S

4/11/06

1240

Dup

4/11/06

0800

Rinse Blank

4/12/06

0800

Trip Blank

Analysis (Attach list if more space is needed)

VOC 8260 B

Special Instructions/Conditions of Receipt

Possible Hazard Identification

☒ Non-Hazard

☐ Flammable

☐ Skin Irritant

☐ Poison B

☒ Unknown

Sample Disposal

☒ Disposal By Lab

☐ Archive For

Months

Turn Around Time Required

☐ 24 Hours

☐ 48 Hours

☐ 7 Days

☐ 14 Days

☐ 21 Days

☐ Other

STD

1. Relinquished By

Dina J. Jack

Date

4/12/06

Time

1300

2. Relinquished By

Date

Time

3. Relinquished By

Date

Time

1. Received By

Date

4-12-06

Time

10:15

2. Received By

Date

Time

3. Received By

Date

Time

Comments

2.00c

Job No: A06-3924 Client: Earth Tech, Inc. Project: NY3A9023 SDG: Case: SMO No: No. Samps: 11				Radiation Check: YES Custody Seal: NO Chain of Custody: YES Sample Tags: NO Sample Tag Numbers: NO SMO Forms: NO CLSIS: NO				Cooler Temperature: 2.0°C			
Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log			
								Code	PH		
04/11/2006 09:50	04/12/2006 15:15	MW-2	A6392401	Good	2-40mlV	8260	RECNY	0103	<2		
04/11/2006 13:55	04/12/2006 15:15	MW-3	A6392402	Good	2-40mlV	8260	RECNY	0103	<2		
04/12/2006 12:00	04/12/2006 15:15	MW-4	A6392403	Good	2-40mlV	8260	RECNY	0103	<2		
04/12/2006 09:05	04/12/2006 15:15	MW-6	A6392404	Good	2-40mlV	8260	RECNY	0103	<2		
04/12/2006 10:50	04/12/2006 15:15	MW-8R	A6392405	Good	2-40mlV	8260	RECNY	0103	<2		
04/11/2006 16:00	04/12/2006 15:15	MW-10	A6392406	Good	2-40mlV	8260	RECNY	0103	<2		
04/11/2006 11:00	04/12/2006 15:15	MW-11	A6392407	Good	2-40mlV	8260	RECNY	0103	<2		
04/12/2006 09:55	04/12/2006 15:15	MW-12	A6392408	Good	2-40mlV	8260	RECNY	0103	<2		
04/11/2006 12:40	04/12/2006 15:15	MW-16S	A6392409	Good	2-40mlV	8260	RECNY	0103	<2		
04/11/2006 08:00	04/12/2006 15:15	DUP	A6392410	Good	2-40mlV	8260	RECNY	0103	<2		
04/12/2006 08:00	04/12/2006 15:15	RINSE BLANK	A6392411	Good	2-40mlV	8260	RECNY	0103	<2		
04/12/2006	04/12/2006 15:15	Trip Blank	A6392412	Good	2-40mlV	8260	RECNY	0103	<2		

e Custodian: DC 4/12/2006 Analytical Services Coordinator: 1 / 20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled
Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

8260 Volatiles

QC Summary

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
1	DUP	A6392410	90	113	97						0
2	MSB42	A6B1714201	89	95	81						0
3	MSB43	A6B1720901	88	101	90						0
4	MW-10	A6392406	82	104	88						0
5	MW-11	A6392407	83	107	89						0
6	MW-12	A6392408	80	102	90						0
7	MW-16S	A6392409	82	109	92						0
8	MW-2	A6392401	84	100	90						0
9	MW-3	A6392402	83	103	90						0
10	MW-4	A6392403	81	104	89						0
11	MW-6	A6392404	87	106	91						0
12	MW-8R	A6392405	81	107	89						0
13	RINSE BLANK	A6392411	85	106	93						0
14	Trip Blank	A6392412	84	101	91						0
15	VLK42	A6B1714202	86	95	90						0
16	VLK43	A6B1720902	84	101	88						0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
DCE = 1,2-Dichloroethane-D4 (72-143)
TOL = Toluene-D8 (76-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B1714202Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VBLK42

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	25.0	27.2	109	65 - 142
Trichloroethene _____	25.0	25.9	104	71 - 120
Benzene _____	25.0	25.9	104	67 - 126
Toluene _____	25.0	23.8	95	69 - 120
Chlorobenzene _____	25.0	23.2	93	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments:

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B1720902Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VBLK43

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene_____	25.0	25.2	101	65 - 142
Trichloroethene_____	25.0	24.7	99	71 - 120
Benzene_____	25.0	24.3	98	67 - 126
Toluene_____	25.0	25.6	102	69 - 120
Chlorobenzene_____	25.0	23.6	94	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.

Lab Name: STL Buffalo

Contract: _____

VBLK42

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: R8468.RRLab Sample ID: A6B1714202Date Analyzed: 04/13/2006Time Analyzed: 21:56GC Column: DB-624 ID: 0.25 (mm)Heated Purge: (Y/N) NInstrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB42	A6B1714201	R8467.RR	21:33
2	MW-10	A6392406	R8477.RR	01:25
3	MW-11	A6392407	R8478.RR	01:47
4	MW-12	A6392408	R8479.RR	02:10
5	MW-2	A6392401	R8472.RR	23:31
6	MW-3	A6392402	R8473.RR	23:54
7	MW-6	A6392404	R8475.RR	00:39
8	RINSE BLANK	A6392411	R8482.RR	03:18
9	Trip Blank	A6392412	R8470.RR	22:46

Comments: _____

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.

VBLK43

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: R8499.RRLab Sample ID: A6B1720902Date Analyzed: 04/14/2006Time Analyzed: 12:52GC Column: DB-624 ID: 0.25 (mm)Heated Purge: (Y/N) NInstrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	DUP	A6392410	R8521.RR	21:19
2	MSB43	A6B1720901	R8498.RR	12:20
3	MW-16S	A6392409	R8503.RR	14:24
4	MW-4	A6392403	R8501.RR	13:38
5	MW-8R	A6392405	R8502.RR	14:01

Comments: _____

EARTH TECH, INC.
SCOTT AVIATION SITE
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0001058
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID: R8427 BFB Injection Date: 04/13/2006
 Instrument ID: HP5973R BFB Injection Time: 00:15
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	20.1
75	30.0 - 60.0% of mass 95	51.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.2
173	Less than 2.0% of mass 174	0.8 (1.0) 1
174	50 - 120 % of mass 95	79.1
175	5.0 - 9.0% of mass 174	5.5 (7.0) 1
176	95.0 - 101.0% of mass 174	76.2 (96.3) 1
177	5.0 - 9.0% of mass 176	5.9 (7.8) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD100	A6I0001371-1	R8428.RR	04/13/2006	01:42
2	VSTD050	A6I0001371-1	R8429.RR	04/13/2006	02:05
3	VSTD025	A6I0001371-1	R8430.RR	04/13/2006	02:28
4	VSTD010	A6I0001371-1	R8431.RR	04/13/2006	02:51
5	VSTD001	A6I0001371-1	R8432.RR	04/13/2006	03:14

EARTH TECH, INC.
SCOTT AVIATION SITE
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0001085
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID: R8464 BFB Injection Date: 04/13/2006
 Instrument ID: HP5973R BFB Injection Time: 20:17
 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	56.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.5
173	Less than 2.0% of mass 174	0.7 (0.8) 1
174	50 - 120 % of mass 95	86.5
175	5.0 - 9.0% of mass 174	7.2 (8.3) 1
176	95.0 - 101.0% of mass 174	85.6 (99.0) 1
177	5.0 - 9.0% of mass 176	5.4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A6C0004279-1	R8465.RR	04/13/2006	20:46
2	MSB42	A6B1714201	R8467.RR	04/13/2006	21:33
3	VBLK42	A6B1714202	R8468.RR	04/13/2006	21:56
4	Trip Blank	A6392412	R8470.RR	04/13/2006	22:46
5	MW-2	A6392401	R8472.RR	04/13/2006	23:31
6	MW-3	A6392402	R8473.RR	04/13/2006	23:54
7	MW-6	A6392404	R8475.RR	04/14/2006	00:39
8	MW-10	A6392406	R8477.RR	04/14/2006	01:25
9	MW-11	A6392407	R8478.RR	04/14/2006	01:47
10	MW-12	A6392408	R8479.RR	04/14/2006	02:10
11	RINSE BLANK	A6392411	R8482.RR	04/14/2006	03:18

EARTH TECH, INC.
SCOTT AVIATION SITE
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BuffaloContract: _____ Tune ID: A6T0001095Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: R8496BFB Injection Date: 04/14/2006Instrument ID: HP5973RBFB Injection Time: 11:34GC Column: DB-624ID: 0.25 (mm)Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	17.9
75	30.0 - 60.0% of mass 95	50.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50 - 120 % of mass 95	75.4
175	5.0 - 9.0% of mass 174	3.8 (5.0) 1
176	95.0 - 101.0% of mass 174	73.6 (97.6) 1
177	5.0 - 9.0% of mass 176	5.7 (7.7) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A6C0004288-1	R8497.RR	04/14/2006	11:56
2	MSB43	A6B1720901	R8498.RR	04/14/2006	12:20
3	VBLK43	A6B1720902	R8499.RR	04/14/2006	12:52
4	MW-4	A6392403	R8501.RR	04/14/2006	13:38
5	MW-8R	A6392405	R8502.RR	04/14/2006	14:01
6	MW-16S	A6392409	R8503.RR	04/14/2006	14:24
7	DUP	A6392410	R8521.RR	04/14/2006	21:19

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

67/219

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0004279
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): R8465.RR Date Analyzed: 04/13/2006
Instrument ID: HP5973R Time Analyzed: 20:46
GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		331415	7.40	227258	9.46	339505	4.98
UPPER LIMIT		662830	7.90	454516	9.96	679010	5.48
LOWER LIMIT		165708	6.90	113629	8.96	169753	4.48
CLIENT SAMPLE	Lab Sample ID						
1 MSB42	A6B1714201	357036	7.40	230583	9.46	337195	4.97
2 MW-10	A6392406	290933	7.40	149294	9.46	301984	4.98
3 MW-11	A6392407	270812	7.40	143722	9.46	280683	4.98
4 MW-12	A6392408	305009	7.40	153812	9.46	322501	4.98
5 MW-2	A6392401	290820	7.40	159675	9.46	315489	4.97
6 MW-3	A6392402	279399	7.40	147622	9.46	300877	4.98
7 MW-6	A6392404	285034	7.40	154775	9.46	303801	4.98
8 RINSE BLANK	A6392411	296655	7.40	158417	9.46	311820	4.97
9 Trip Blank	A6392412	292205	7.40	159269	9.46	314737	4.98
10 VBLK42	A6B1714202	317903	7.40	181057	9.46	350289	4.98

AREA UNIT RT
QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
* Values outside of contract required QC limits

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

68/219

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0004288
Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): R8497.RR Date Analyzed: 04/14/2006
Instrument ID: HP5973R Time Analyzed: 11:56
GC Column(1): DB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		334359	7.40	234726	9.46	341556	4.98
UPPER LIMIT		668718	7.90	469452	9.96	683112	5.48
LOWER LIMIT		167180	6.90	117363	8.96	170778	4.48
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 DUP	A6392410	260465	7.40	143603	9.46	281721	4.98
2 MSB43	A6B1720901	317099	7.40	179995	9.46	349993	4.98
3 MW-16S	A6392409	268946	7.40	147686	9.46	292781	4.98
4 MW-4	A6392403	274164	7.40	147919	9.46	299790	4.98
5 MW-8R	A6392405	274765	7.40	150086	9.46	291094	4.98
6 VBLK43	A6B1720902	314174	7.40	168888	9.46	341471	4.98

AREA UNIT RT
QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
* Values outside of contract required QC limits

Laboratory: A
Object Manager: BJF

69/219

Client Name	Project No	Tsk No	Parameter	TDL		Method	Test	T		CDL	TDL	MDL	E	I
				Type	Protcl			M	UM					
Fraction: MV														
arth Tech, Inc.	NY3A9023	1	1,1,1-Trichloroethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.26495	N	
arth Tech, Inc.	NY3A9023	1	1,1,1-Trichloroethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.26495	N	
arth Tech, Inc.	NY3A9023	1	1,1,2,2-Tetrachloroethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.48465	N	
arth Tech, Inc.	NY3A9023	1	1,1,2,2-Tetrachloroethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.48465	N	
arth Tech, Inc.	NY3A9023	1	1,1,2-Trichloro-1,2,2-trifluoroethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.54562	N	
arth Tech, Inc.	NY3A9023	1	1,1,2-Trichloro-1,2,2-trifluoroethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.54562	N	
arth Tech, Inc.	NY3A9023	1	1,1,2-Trichloroethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.41896	N	
arth Tech, Inc.	NY3A9023	1	1,1,2-Trichloroethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.41896	N	
arth Tech, Inc.	NY3A9023	1	1,1-Dichloroethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.27344	N	
arth Tech, Inc.	NY3A9023	1	1,1-Dichloroethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.27344	N	
arth Tech, Inc.	NY3A9023	1	1,1-Dichloroethene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.29324	N	
arth Tech, Inc.	NY3A9023	1	1,1-Dichloroethene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.29324	N	
arth Tech, Inc.	NY3A9023	1	1,1-Dichloroethene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.29324	N	
arth Tech, Inc.	NY3A9023	1	1,2,4-Trichlorobenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.40765	N	
arth Tech, Inc.	NY3A9023	1	1,2,4-Trichlorobenzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.40765	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dibromo-3-chloropropane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.46674	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dibromo-3-chloropropane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.46674	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dibromoethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.41645	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dibromoethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.41645	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dichlorobenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.40105	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dichlorobenzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.40105	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dichloroethane	CDL	SW8463	8260	CTA22713	W	UG/L	5.0000	1.00000	0.45794	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dichloroethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.45794	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dichloropropane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.45794	N	
arth Tech, Inc.	NY3A9023	1	1,2-Dichloropropane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.33190	N	
arth Tech, Inc.	NY3A9023	1	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.33190	N	
arth Tech, Inc.	NY3A9023	1	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.33096	N	
arth Tech, Inc.	NY3A9023	1	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.33096	N	
arth Tech, Inc.	NY3A9023	1	1,4-Dichlorobenzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.36899	N	
arth Tech, Inc.	NY3A9023	1	1,4-Dichlorobenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.36899	N	
arth Tech, Inc.	NY3A9023	1	2-Butanone	CDL	SW8463	8260	CTA22713	W	UG/L	25.0000	5.00000	2.48674	N	
arth Tech, Inc.	NY3A9023	1	2-Butanone	CDL	SW8463	8260	CTA29569	W	UG/L	25.0000	5.00000	2.48674	N	
arth Tech, Inc.	NY3A9023	1	2-Butanone	CDL	SW8463	8260	CTA29570	W	UG/L	25.0000	5.00000	2.48674	N	
arth Tech, Inc.	NY3A9023	1	2-Hexanone	CDL	SW8463	8260	CTA29569	W	UG/L	25.0000	5.00000	2.38711	N	
arth Tech, Inc.	NY3A9023	1	2-Hexanone	CDL	SW8463	8260	CTA29570	W	UG/L	25.0000	5.00000	2.38711	N	
arth Tech, Inc.	NY3A9023	1	4-Methyl-2-pentanone	CDL	SW8463	8260	CTA29569	W	UG/L	25.0000	5.00000	2.33776	N	

Laboratory: A
Object Manager: BUF

Client Name	Project No	Tsk No	Parameter	TDL		Method	Test	M	UM	CDL	TDL	MDL	E	I
				Type	Protcl									
arth Tech, Inc.	NY3A9023	1	4-Methyl-2-pentanone	CDL	SW8463	8260	CTA29570	W	UG/L	25.0000	5.00000	2.33776	N	
arth Tech, Inc.	NY3A9023	1	Acetone	CDL	SW8463	8260	CTA29569	W	UG/L	25.0000	5.00000	2.47794	N	
arth Tech, Inc.	NY3A9023	1	Acetone	CDL	SW8463	8260	CTA29570	W	UG/L	25.0000	5.00000	2.47794	N	
arth Tech, Inc.	NY3A9023	1	Benzene	CDL	SW8463	8260	CTA22713	W	UG/L	5.0000	1.00000	0.35013	N	
arth Tech, Inc.	NY3A9023	1	Benzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.35013	N	
arth Tech, Inc.	NY3A9023	1	Benzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.35013	N	
arth Tech, Inc.	NY3A9023	1	Bromodichloromethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.38565	N	
arth Tech, Inc.	NY3A9023	1	Bromodichloromethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.38565	N	
arth Tech, Inc.	NY3A9023	1	Bromoform	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.25741	N	
arth Tech, Inc.	NY3A9023	1	Bromoform	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.25741	N	
arth Tech, Inc.	NY3A9023	1	Bromomethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.28161	N	
arth Tech, Inc.	NY3A9023	1	Bromomethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.28161	N	
arth Tech, Inc.	NY3A9023	1	Carbon Disulfide	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.47585	N	
arth Tech, Inc.	NY3A9023	1	Carbon Disulfide	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.47585	N	
arth Tech, Inc.	NY3A9023	1	Carbon Tetrachloride	CDL	SW8463	8260	CTA22713	W	UG/L	5.0000	1.00000	0.26653	N	
arth Tech, Inc.	NY3A9023	1	Carbon Tetrachloride	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.26653	N	
arth Tech, Inc.	NY3A9023	1	Carbon Tetrachloride	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.26653	N	
arth Tech, Inc.	NY3A9023	1	Chlorobenzene	CDL	SW8463	8260	CTA22713	W	UG/L	5.0000	1.00000	0.31744	N	
arth Tech, Inc.	NY3A9023	1	Chlorobenzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.31744	N	
arth Tech, Inc.	NY3A9023	1	Chlorobenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.31744	N	
arth Tech, Inc.	NY3A9023	1	Chloroethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.32373	N	
arth Tech, Inc.	NY3A9023	1	Chloroethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.32373	N	
arth Tech, Inc.	NY3A9023	1	Chloroform	CDL	SW8463	8260	CTA22713	W	UG/L	5.0000	1.00000	0.33567	N	
arth Tech, Inc.	NY3A9023	1	Chloroform	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.33567	N	
arth Tech, Inc.	NY3A9023	1	Chloroform	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.33567	N	
arth Tech, Inc.	NY3A9023	1	Chloromethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.34573	N	
arth Tech, Inc.	NY3A9023	1	Chloromethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.34573	N	
arth Tech, Inc.	NY3A9023	1	Cyclohexane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.53400	N	
arth Tech, Inc.	NY3A9023	1	Cyclohexane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.53400	N	
arth Tech, Inc.	NY3A9023	1	Dibromochloromethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.32247	N	
arth Tech, Inc.	NY3A9023	1	Dibromochloromethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.32247	N	
arth Tech, Inc.	NY3A9023	1	Dichlorodifluoromethane	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.28538	N	
arth Tech, Inc.	NY3A9023	1	Dichlorodifluoromethane	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.28538	N	
arth Tech, Inc.	NY3A9023	1	Ethylbenzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.34416	N	
arth Tech, Inc.	NY3A9023	1	Ethylbenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.34416	N	
arth Tech, Inc.	NY3A9023	1	Isopropylbenzene	CDL	SW8463	8260	CTA29569	W	UG/L	5.0000	1.00000	0.31870	N	
arth Tech, Inc.	NY3A9023	1	Isopropylbenzene	CDL	SW8463	8260	CTA29570	W	UG/L	5.0000	1.00000	0.31870	N	

Laboratory: A
Project Manager: BJF

Client Name	Project No	Task No	Parameter	TDL			Test	UM	CDL	TDL	E E	
				Type	Protcl	Method					MDL	X I
arth Tech, Inc.	NY3A9023	1	Methyl acetate	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.44976	N
arth Tech, Inc.	NY3A9023	1	Methyl acetate	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.44976	N
arth Tech, Inc.	NY3A9023	1	Methyl-t-Butyl Ether (MTBE)	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.47931	N
arth Tech, Inc.	NY3A9023	1	Methyl-t-Butyl Ether (MTBE)	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.47931	N
arth Tech, Inc.	NY3A9023	1	Methylcyclohexane	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.49502	N
arth Tech, Inc.	NY3A9023	1	Methylcyclohexane	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.49502	N
arth Tech, Inc.	NY3A9023	1	Methylene chloride	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.43845	N
arth Tech, Inc.	NY3A9023	1	Methylene chloride	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.43845	N
arth Tech, Inc.	NY3A9023	1	Styrene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.31367	N
arth Tech, Inc.	NY3A9023	1	Styrene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.31367	N
arth Tech, Inc.	NY3A9023	1	Tetrachloroethene	CDL	SW8463	8260	CTA22713	W UG/L	5.0000	1.00000	0.36490	N
arth Tech, Inc.	NY3A9023	1	Tetrachloroethene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.36490	N
arth Tech, Inc.	NY3A9023	1	Tetrachloroethene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.36490	N
arth Tech, Inc.	NY3A9023	1	Toluene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.34887	N
arth Tech, Inc.	NY3A9023	1	Toluene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.34887	N
arth Tech, Inc.	NY3A9023	1	Total Xylenes	CDL	SW8463	8260	CTA29569	W UG/L	15.0000	3.00000	0.93000	N
arth Tech, Inc.	NY3A9023	1	Total Xylenes	CDL	SW8463	8260	CTA29570	W UG/L	15.0000	3.00000	0.93000	N
arth Tech, Inc.	NY3A9023	1	Trichloroethene	CDL	SW8463	8260	CTA22713	W UG/L	5.0000	1.00000	0.32436	N
arth Tech, Inc.	NY3A9023	1	Trichloroethene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.32436	N
arth Tech, Inc.	NY3A9023	1	Trichloroethene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.32436	N
arth Tech, Inc.	NY3A9023	1	Trichlorofluoromethane	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.36082	N
arth Tech, Inc.	NY3A9023	1	Trichlorofluoromethane	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.36082	N
arth Tech, Inc.	NY3A9023	1	Vinyl chloride	CDL	SW8463	8260	CTA22713	W UG/L	5.0000	1.00000	0.24264	N
arth Tech, Inc.	NY3A9023	1	Vinyl chloride	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.24264	N
arth Tech, Inc.	NY3A9023	1	Vinyl chloride	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.24264	N
arth Tech, Inc.	NY3A9023	1	cis-1,2-Dichloroethene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.36585	N
arth Tech, Inc.	NY3A9023	1	cis-1,2-Dichloroethene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.36585	N
arth Tech, Inc.	NY3A9023	1	cis-1,3-Dichloropropene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.35516	N
arth Tech, Inc.	NY3A9023	1	cis-1,3-Dichloropropene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.35516	N
arth Tech, Inc.	NY3A9023	1	trans-1,2-Dichloroethene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.33253	N
arth Tech, Inc.	NY3A9023	1	trans-1,2-Dichloroethene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.33253	N
arth Tech, Inc.	NY3A9023	1	trans-1,3-Dichloropropene	CDL	SW8463	8260	CTA29569	W UG/L	5.0000	1.00000	0.36836	N
arth Tech, Inc.	NY3A9023	1	trans-1,3-Dichloropropene	CDL	SW8463	8260	CTA29570	W UG/L	5.0000	1.00000	0.36836	N

Sample Data

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392410Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8521.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

74/219

Client No.

DUP

Lab Name: STL Buffalo Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392410

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8521.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	5.0	U
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

Data File : H:\GCMS_VOA\R\041406\R8521.D

Acq On : 14 Apr 2006 21:19

Sample : A6392410 B HEADSPACE

Misc :

MS Integration Params: RTEINT.P

Vial: 25

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 21:58:56 2006

Results File: A6I001371_E2.RES

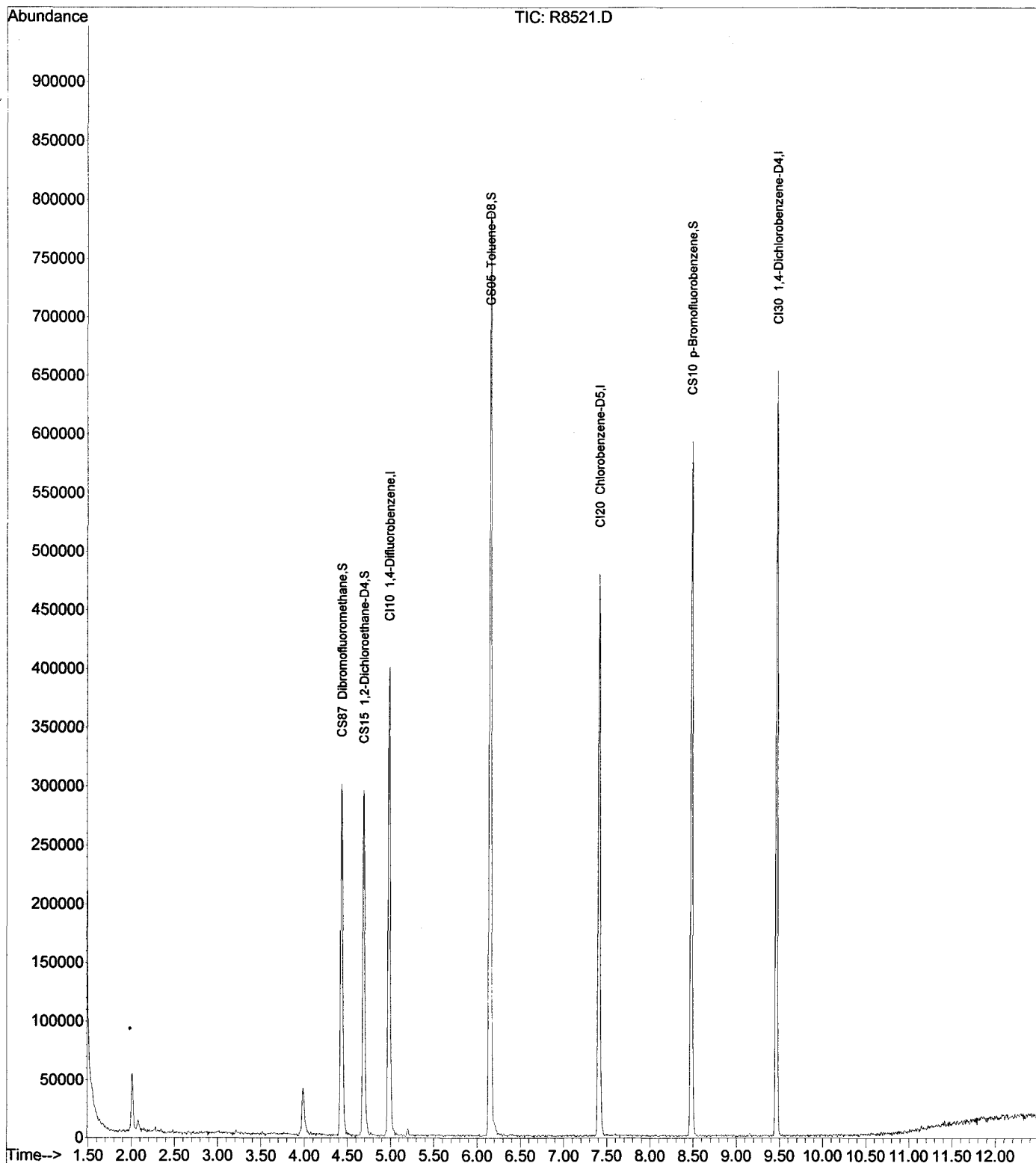
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 17:52:53 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

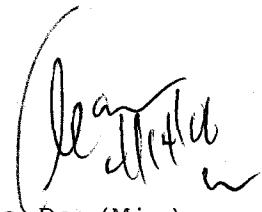


Data File : H:\GCMS_VOA\R\041406\R8521.D
Acq On : 14 Apr 2006 21:19
Sample : A6392410 B HEADSPACE
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 14 21:58:56 2006

Vial: 25
Operator: TRB
Inst : HP5973R
Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Apr 14 17:52:53 2006
Response via : Initial Calibration
DataAcq Meth : LOW2
IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)



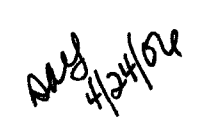
Internal Standards		R.T. QIon		Response	Conc Units	Dev (Min)
						Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.98	114	281721	125.00 ng	0.00
						82.48%
43)	CI20 Chlorobenzene-D5	7.40	117	260465	125.00 ng	0.00
						77.90%
62)	CI30 1,4-Dichlorobenzene-	9.46	152	143603	125.00 ng	0.00
						61.18%

System Monitoring Compounds

30)	CS87 Dibromofluoromethane	4.43	111	169879	138.26 ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	= 110.61%
31)	CS15 1,2-Dichloroethane-D	4.69	65	211211	141.49 ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	= 113.19%
44)	CS05 Toluene-D8	6.14	98	500174	121.12 ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	= 96.90%
61)	CS10 p-Bromofluorobenzene	8.48	174	160099	112.88 ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	= 90.30%

Target Compounds

						Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.	
3)	C010 Chloromethane	0.00	50	0	N.D.	
4)	C020 Vinyl chloride	0.00	62	0	N.D.	
5)	C015 Bromomethane	2.16	94	417	N.D.	
6)	C025 Chloroethane	0.00	64	0	N.D.	
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.	
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9)	C030 Methylene chloride	0.00	84	0	N.D.	
10)	C040 Carbon disulfide	3.00	76	1358	N.D.	
11)	C036 Acrolein	0.00	56	0	N.D.	
12)	C038 Acrylonitrile	0.00	53	0	N.D.	
13)	C035 Acetone	2.86	43	1744	N.D.	
14)	C300 Acetonitrile	3.11	41	186	N.D.	
15)	C276 Iodomethane	0.00	142	0	N.D.	
16)	C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.	
18)	C057 trans-1,2-Dichloro	0.00	96	0	N.D.	
19)	C255 Methyl Acetate	3.09	43	207	N.D.	
20)	C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21)	C125 Vinyl Acetate	3.65	43	196	N.D.	
22)	C051 2,2-Dichloropropan	3.98	77	2593	N.D.	
23)	C056 cis-1,2-Dichloroet	0.00	96	0	N.D.	
24)	C272 Tetrahydrofuran	0.00	42	0	N.D.	
25)	C222 Bromochloromethane	0.00	128	0	N.D.	
26)	C060 Chloroform	0.00	83	0	N.D.	
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.	
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.	
32)	C165 Benzene	4.72	78	1337	N.D.	
33)	C065 1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110 2-Butanone	3.99	43	1457	N.D.	
35)	C256 Cyclohexane	0.00	56	0	N.D.	
36)	C150 Trichloroethene	5.20	95	1992	N.D.	
37)	C140 1,2-Dichloropropan	0.00	63	0	N.D.	



Data File : H:\GCMS_VOA\R\041406\R8521.D

Acq On : 14 Apr 2006 21:19

Sample : A6392410 B HEADSPACE

Misc :

Vial: 25

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 21:58:56 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 17:52:53 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

38)	C278	Dibromomethane	0.00	93	0	N.D.
39)	C130	Bromodichlorometha	0.00	83	0	N.D.
40)	C161	2-Chloroethylvinyl	0.00	63	0	N.D.
41)	C012	Methylcyclohexane	0.00	83	0	N.D.
42)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.
45)	C230	Toluene	6.20	92	1521	N.D.
46)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.
48)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.
49)	C210	4-Methyl-2-pentano	6.14	43	2479	N.D.
50)	C220	Tetrachloroethene	0.00	166	0	N.D.
51)	C221	1,3-Dichloropropan	0.00	76	0	N.D.
52)	C155	Dibromochlorometha	0.00	129	0	N.D.
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.
54)	C215	2-Hexanone	0.00	43	0	N.D.
55)	C235	Chlorobenzene	7.43	112	1906	N.D.
56)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.
57)	C240	Ethylbenzene	7.49	91	201	N.D.
58)	C246	m,p-Xylene	7.60	106	437	N.D.
59)	C247	o-Xylene	0.00	106	0	N.D.
60)	C245	Styrene	0.00	104	0	N.D.
63)	C180	Bromoform	0.00	173	0	N.D.
64)	C966	Isopropylbenzene	0.00	105	0	N.D.
65)	C301	Bromobenzene	0.00	156	0	N.D.
66)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.
67)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.
68)	C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.
69)	C302	n-Propylbenzene	0.00	91	0	N.D.
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.
72)	C304	1,3,5-Trimethylben	8.75	105	484	N.D.
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.
74)	C307	1,2,4-Trimethylben	9.15	105	1158	N.D.
75)	C308	sec-Butylbenzene	9.15	105	1158	N.D.
76)	C260	1,3-Dichlorobenzen	0.00	146	0	N.D.
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.
78)	C267	1,4-Dichlorobenzen	0.00	146	0	N.D.
79)	C249	1,2-Dichlorobenzen	0.00	146	0	N.D.
80)	C310	n-Butylbenzene	0.00	91	0	N.D.
81)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.
82)	C313	1,2,4-Trichloroben	0.00	180	0	N.D.
83)	C316	Hexachlorobutadien	0.00	225	0	N.D.
84)	C314	Naphthalene	0.00	128	0	N.D.
85)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALY
4/24/06

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

78/219

Client No.

MW-10

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392406

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8477.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

79/219

Client No.

MW-10

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6392406

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: R8477.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	5.0	U
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

Data File : H:\GCMS_VOA\R\041306\R8477.D

Acq On : 14 Apr 2006 1:25

Sample : A6392406

Misc :

MS Integration Params: RTEINT.P

Vial: 9

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:47:08 2006

Results File: A6I001371_E2.RES

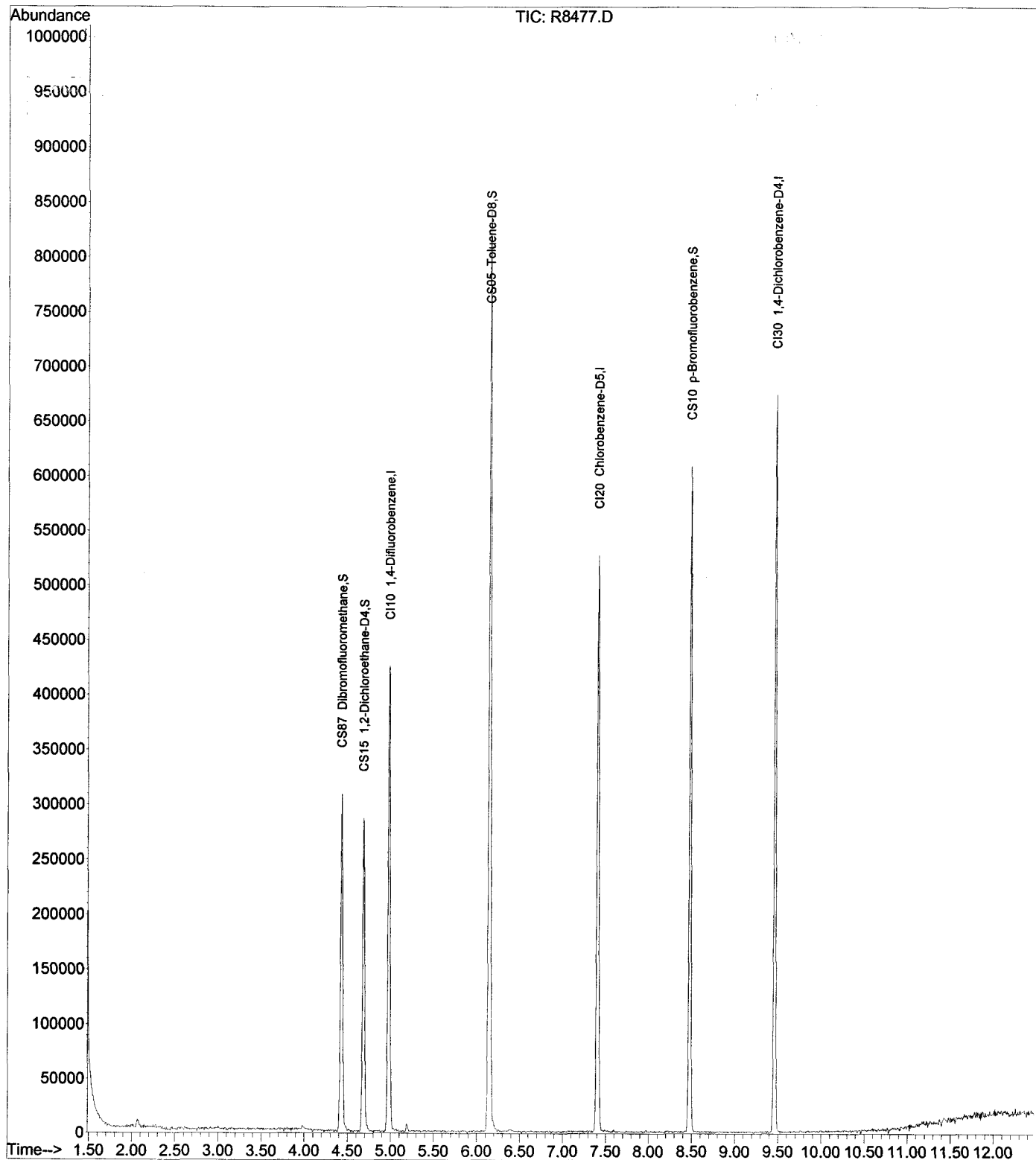
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8477.D

Acq On : 14 Apr 2006 1:25

Sample : A6392406

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:08 2006

Vial: 9

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.98	114	301984	125.00	ng	0.00	88.95%
43) CI20 Chlorobenzene-D5	7.40	117	290933	125.00	ng	0.00	87.79%
62) CI30 1,4-Dichlorobenzene-	9.46	152	149294	125.00	ng	0.00	65.69%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	171717	130.38	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	104.30%
31) CS15 1,2-Dichloroethane-D	4.68	65	209032	130.63	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery	=	104.50%
44) CS05 Toluene-D8	6.14	98	509887	110.54	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery	=	88.43%
61) CS10 p-Bromofluorobenzene	8.47	174	162377	102.50	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery	=	82.00%

Target Compounds

					Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.	
3) C010 Chloromethane	0.00	50	0	N.D.	
4) C020 Vinyl chloride	0.00	62	0	N.D.	
5) C015 Bromomethane	2.15	94	188	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluoromet	0.00	101	0	N.D.	
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030 Methylene chloride	0.00	84	0	N.D.	
10) C040 Carbon disulfide	3.00	76	1740	N.D.	
11) C036 Acrolein	0.00	56	0	N.D.	
12) C038 Acrylonitrile	0.00	53	0	N.D.	
13) C035 Acetone	2.87	43	476	N.D.	
14) C300 Acetonitrile	3.07	41	183	N.D.	
15) C276 Iodomethane	0.00	142	0	N.D.	
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255 Methyl Acetate	0.00	43	0	N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	3.73	43	207	N.D.	
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
26) C060 Chloroform	0.00	83	0	N.D.	
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120 Carbon tetrachlori	0.00	117	0	N.D.	
29) C116 1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165 Benzene	0.00	78	0	N.D.	
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110 2-Butanone	4.08	43	245	N.D.	
35) C256 Cyclohexane	0.00	56	0	N.D.	
36) C150 Trichloroethene	5.19	95	1082	N.D.	
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.	

Data File : H:\GCMS_VOA\R\041306\R8477.D

Vial: 9

Acq On : 14 Apr 2006 1:25

Operator: CDC

Sample : A6392406

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:08 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.19	92	1823	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.14	43	2507	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.49	91	986	N.D.		
58) C246	m,p-Xylene	7.60	106	221	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.75	105	206	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	9.15	105	669	N.D.		
75) C308	sec-Butylbenzene	9.15	105	669	N.D.		
76) C260	1,3-Dichlorobenzen	9.41	146	214	N.D.		
77) C309	4-Isopropyltoluene	9.11	119	188	N.D.		
78) C267	1,4-Dichlorobenzen	9.48	146	199	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	9.72	91	183	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

(#)=qualifier out of range (m)=manual integration (+)=signals summed

MS
9/24/02

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

83/219

Client No.

MW-11

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6392407

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: R8478.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 4.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	100	U
71-43-2-----	Benzene	20	U
75-27-4-----	Bromodichloromethane	20	U
75-25-2-----	Bromoform	20	U
74-83-9-----	Bromomethane	20	U
78-93-3-----	2-Butanone	100	U
75-15-0-----	Carbon Disulfide	3.5	J
56-23-5-----	Carbon Tetrachloride	20	U
108-90-7-----	Chlorobenzene	20	U
75-00-3-----	Chloroethane	16	J
67-66-3-----	Chloroform	20	U
74-87-3-----	Chloromethane	20	U
110-82-7-----	Cyclohexane	20	U
106-93-4-----	1,2-Dibromoethane	20	U
124-48-1-----	Dibromochloromethane	20	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20	U
95-50-1-----	1,2-Dichlorobenzene	20	U
541-73-1-----	1,3-Dichlorobenzene	20	U
106-46-7-----	1,4-Dichlorobenzene	20	U
75-71-8-----	Dichlorodifluoromethane	20	U
75-34-3-----	1,1-Dichloroethane	4.1	J
107-06-2-----	1,2-Dichloroethane	20	U
75-35-4-----	1,1-Dichloroethene	20	U
156-59-2-----	cis-1,2-Dichloroethene	9.0	J
156-60-5-----	trans-1,2-Dichloroethene	20	U
78-87-5-----	1,2-Dichloropropane	20	U
10061-01-5----	cis-1,3-Dichloropropene	20	U
10061-02-6----	trans-1,3-Dichloropropene	20	U
100-41-4-----	Ethylbenzene	20	U
591-78-6-----	2-Hexanone	100	U
98-82-8-----	Isopropylbenzene	20	U
79-20-9-----	Methyl acetate	20	U
108-87-2-----	Methylcyclohexane	20	U
75-09-2-----	Methylene chloride	20	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

84/219

Client No.

MW-11

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6392407

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: R8478.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 4.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
108-10-1-----	4-Methyl-2-pentanone	100	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	20	U
100-42-5-----	Styrene	20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	20	U
127-18-4-----	Tetrachloroethene	20	U
108-88-3-----	Toluene	20	U
120-82-1-----	1,2,4-Trichlorobenzene	20	U
71-55-6-----	1,1,1-Trichloroethane	20	U
79-00-5-----	1,1,2-Trichloroethane	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
75-69-4-----	Trichlorofluoromethane	20	U
79-01-6-----	Trichloroethene	20	U
75-01-4-----	Vinyl chloride	4.0	J
1330-20-7-----	Total Xylenes	60	U

Data File : H:\GCMS_VOA\R\041306\R8478.D

Acq On : 14 Apr 2006 1:47

Sample : A6392407 DF4

Misc :

MS Integration Params: RTEINT.P

Vial: 10

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:47:10 2006

Results File: A6I001371_E2.RES

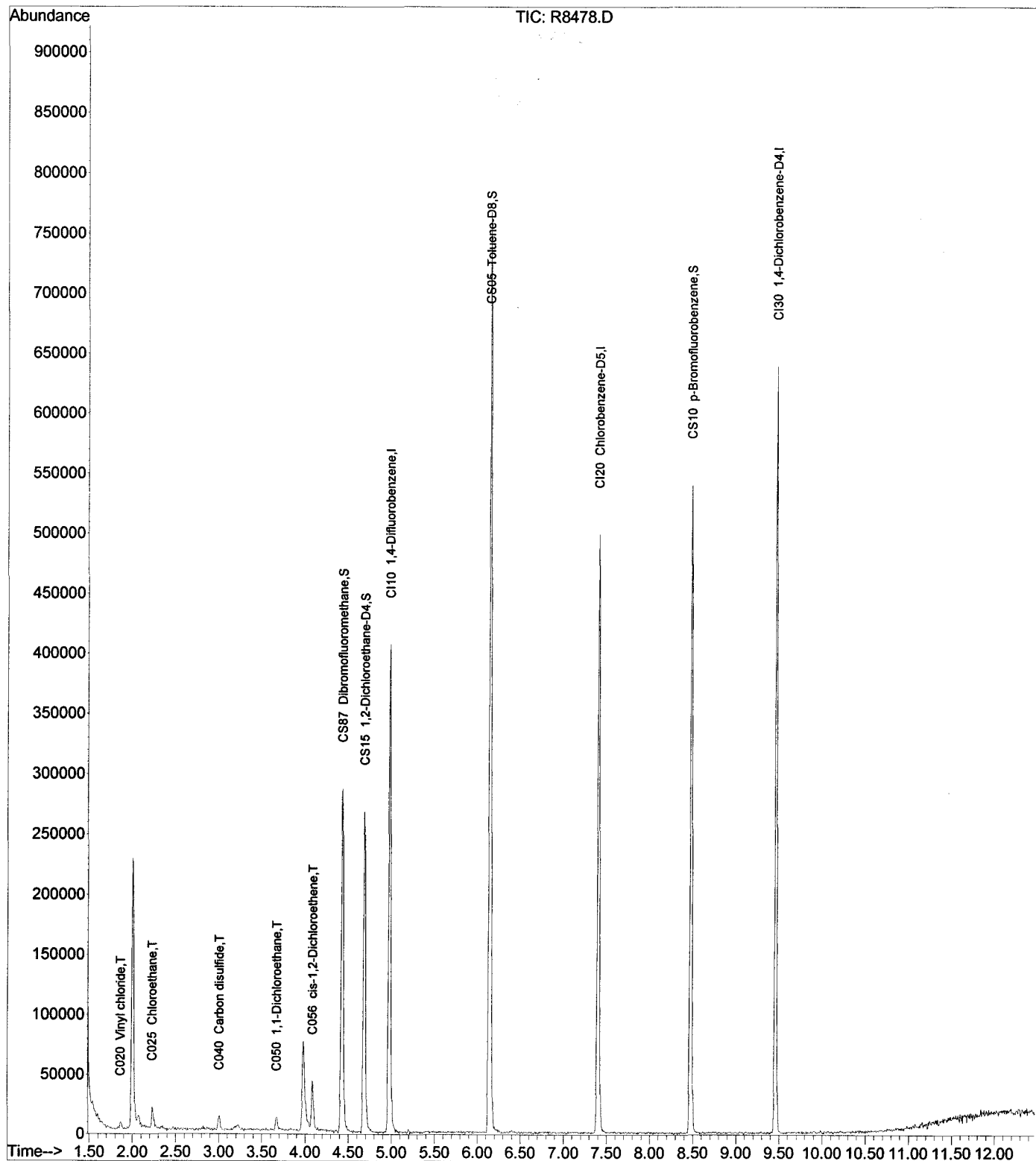
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8478.D

Vial: 10

Acq On : 14 Apr 2006 1:47

Operator: CDC

Sample : A6392407 DF4 FOAms

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:10 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

STE
23 4/14/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

1) CI10 1,4-Difluorobenzene	4.98	114	280683	125.00	ng	0.00	82.67%
43) CI20 Chlorobenzene-D5	7.40	117	270812	125.00	ng	0.00	81.71%
62) CI30 1,4-Dichlorobenzene-	9.46	152	143722	125.00	ng	0.00	63.24%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	161914	132.26	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	105.81%	
31) CS15 1,2-Dichloroethane-D	4.69	65	199438	134.09	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	107.27%	
44) CS05 Toluene-D8	6.14	98	475791	110.81	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	88.65%	
61) CS10 p-Bromofluorobenzene	8.48	174	152600	103.48	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	82.78%	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.86	62	5758	4.99 ng		94
5) C015 Bromomethane	2.13	94	194	N.D.		
6) C025 Chloroethane	2.23	64	13654	19.51 ng		99
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	2.82	96	207	N.D.		
9) C030 Methylene chloride	3.18	84	897	N.D.		
10) C040 Carbon disulfide	3.01	76	14513	4.44 ng	#	90
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.87	43	1468	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255 Methyl Acetate	3.02	43	191	N.D.		
20) C050 1,1-Dichloroethane	3.67	63	10599	5.11 ng		81
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	3.99	77	2456	N.D.		
23) C056 cis-1,2-Dichloroethe	4.08	96	14682	11.20 ng		98
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
27) C115 1,1,1-Trichloroeth	4.44	97	2181	N.D.		
28) C120 Carbon tetrachlori	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropen	4.57	75	207	N.D.		
32) C165 Benzene	4.72	78	235	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	4.08	43	550	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	5.19	95	508	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		

MS
4/24/06

Data File : H:\GCMS_VOA\R\041306\R8478.D

Vial: 10

Acq On : 14 Apr 2006 1:47

Operator: CDC

Sample : A6392407 DF4

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:10 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

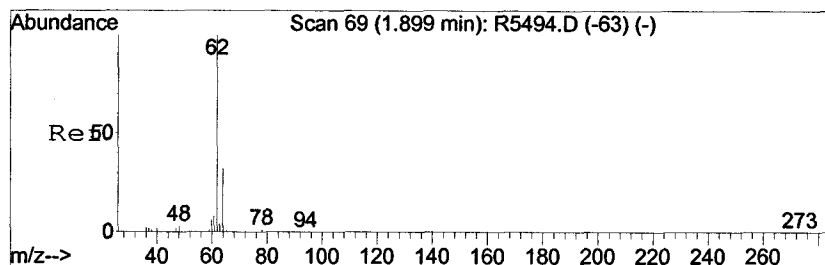
IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.14	43	2357	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.50	91	216	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	0.00	91	0	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	9.48	146	197	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.48	146	197	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

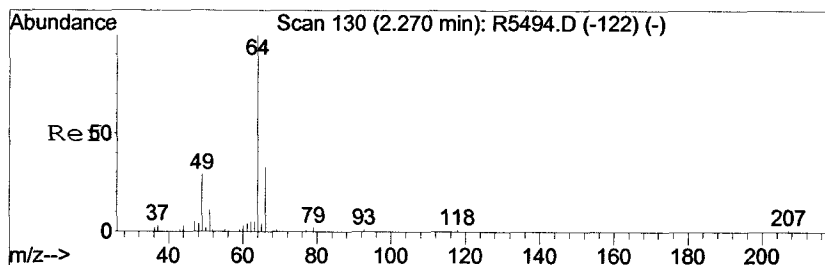
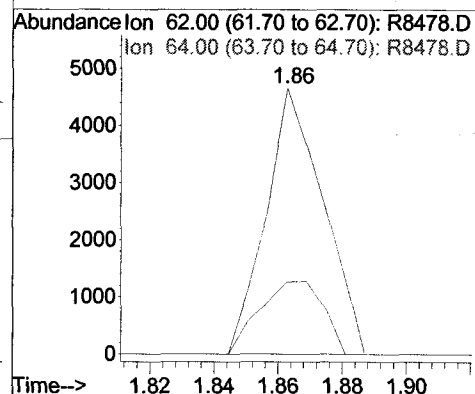
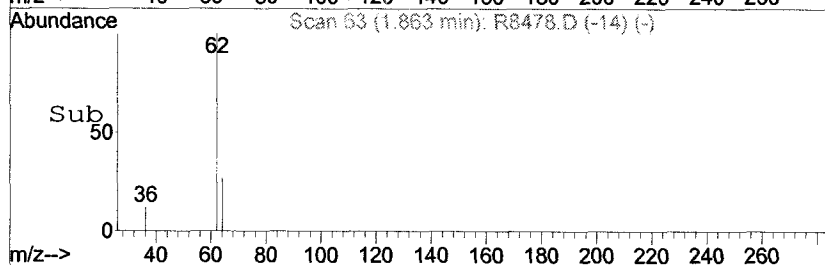
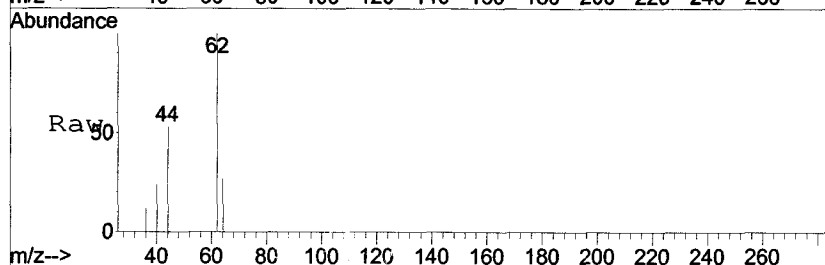
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MS
4/24/06



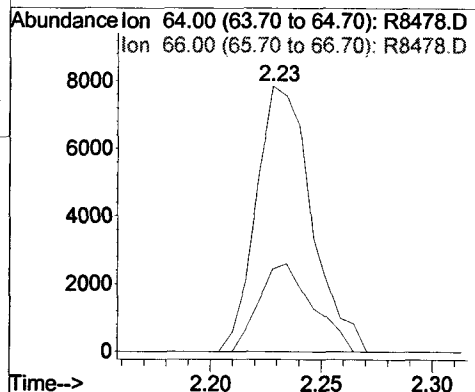
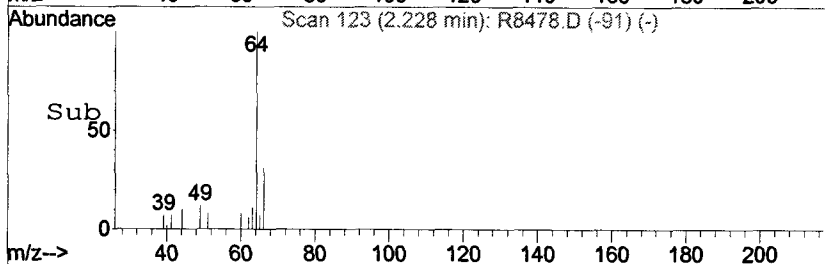
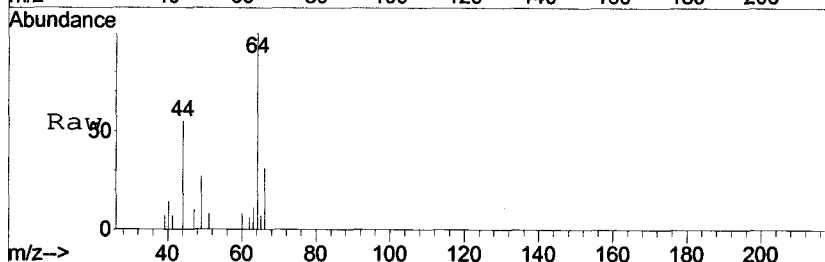
#4
C020 Vinyl chloride
Concen: 4.99 ng
RT: 1.86 min Scan# 63
Delta R.T. 0.00 min
Lab File: R8478.D
Acq: 14 Apr 2006 1:47

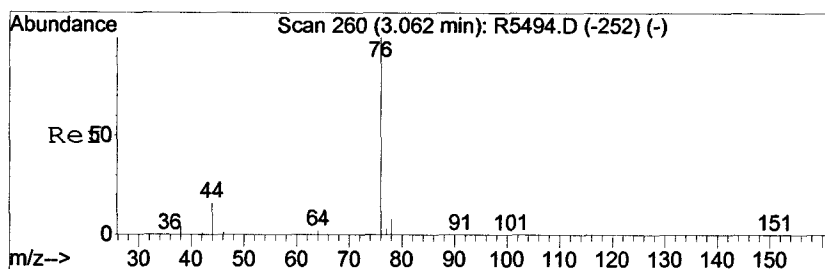
Tgt Ion: 62 Resp: 5758
Ion Ratio Lower Upper
62 100
64 27.1 10.4 50.4



#6
C025 Chloroethane
Concen: 19.51 ng
RT: 2.23 min Scan# 123
Delta R.T. -0.01 min
Lab File: R8478.D
Acq: 14 Apr 2006 1:47

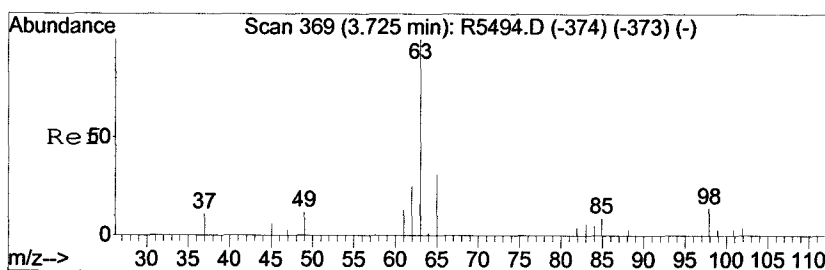
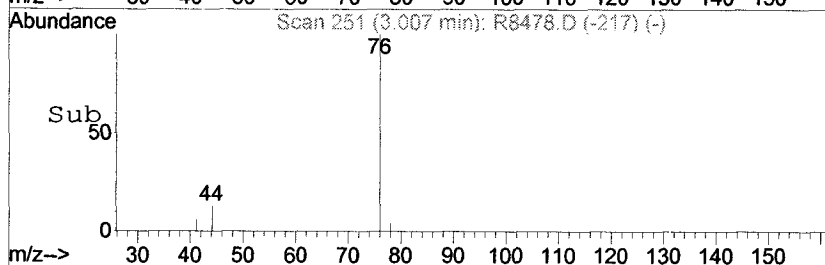
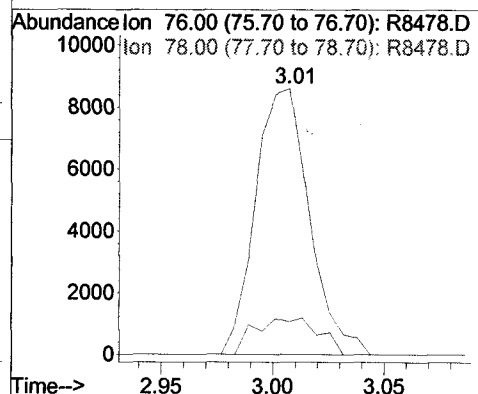
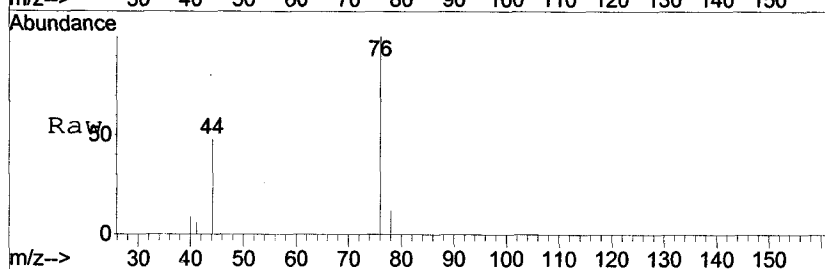
Tgt Ion: 64 Resp: 13654
Ion Ratio Lower Upper
64 100
66 31.0 10.6 50.6





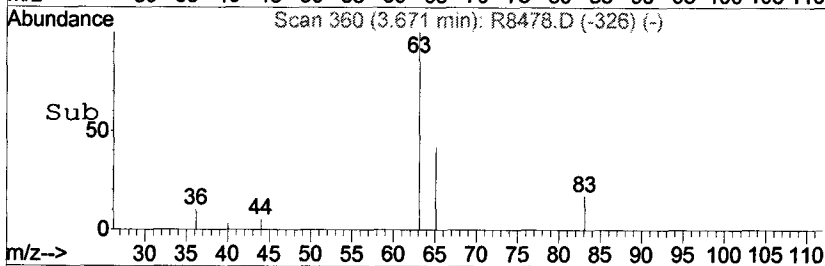
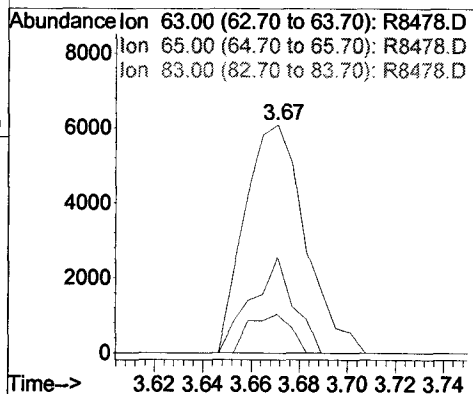
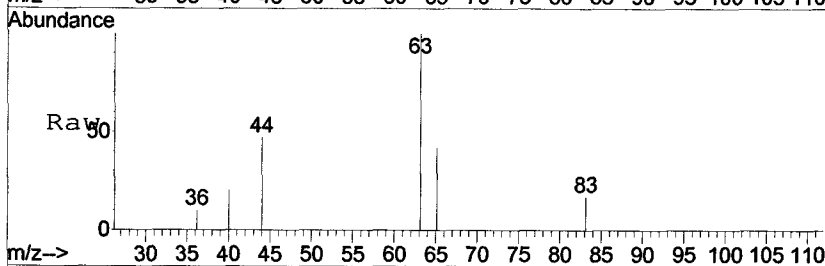
#10
C040 Carbon disulfide
Concen: 4.44 ng
RT: 3.01 min Scan# 251
Delta R.T. 0.01 min
Lab File: R8478.D
Acq: 14 Apr 2006 1:47

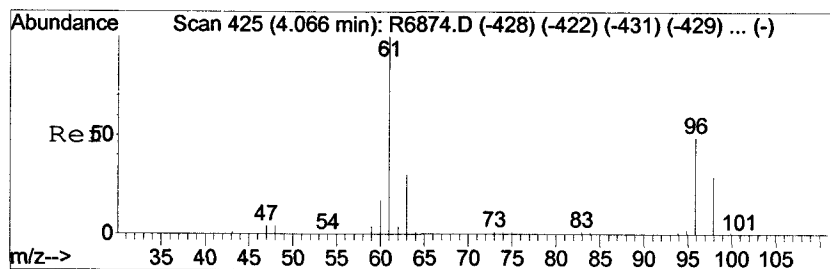
Tgt Ion: 76 Resp: 14513
Ion Ratio Lower Upper
76 100
78 12.4 7.0 10.6#



#20
C050 1,1-Dichloroethane
Concen: 5.11 ng
RT: 3.67 min Scan# 360
Delta R.T. 0.01 min
Lab File: R8478.D
Acq: 14 Apr 2006 1:47

Tgt Ion: 63 Resp: 10599
Ion Ratio Lower Upper
63 100
65 42.0 8.9 48.9
83 16.9 0.0 33.6





#23

C056 cis-1,2-Dichloroethene

Concen: 11.20 ng

RT: 4.08 min Scan# 428

Delta R.T. 0.00 min

Lab File: R8478.D

Acq: 14 Apr 2006 1:47

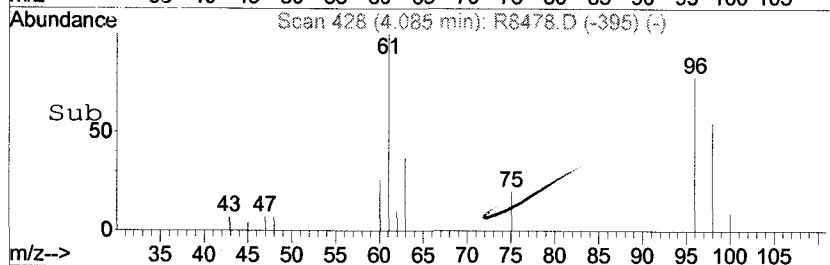
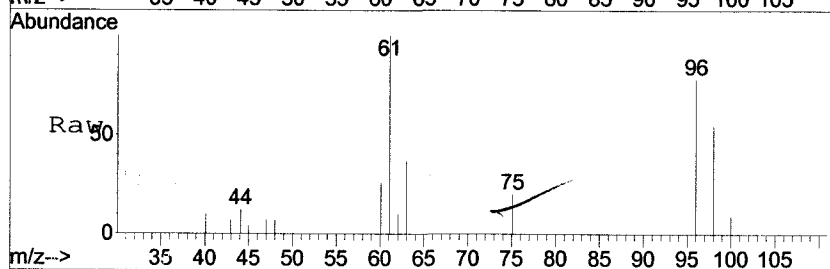
Tgt Ion: 96 Resp: 14682

Ion Ratio Lower Upper

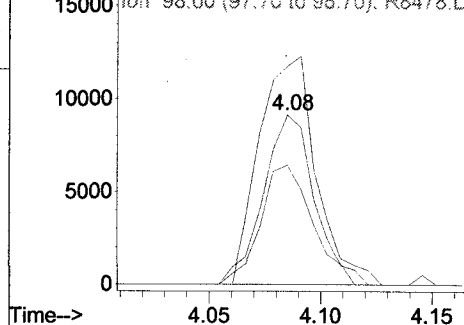
96 100

61 128.8 107.1 147.1

98 70.5 49.1 89.1



Abundance Ion 96.00 (95.70 to 96.70): R8478.D
Ion 61.00 (60.70 to 61.70): R8478.D
Ion 98.00 (97.70 to 98.70): R8478.D



EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

91/219

Client No.

MW-12

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392408

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8479.RR

Level: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	120	U
71-43-2-----	Benzene	25	U
75-27-4-----	Bromodichloromethane	25	U
75-25-2-----	Bromoform	25	U
74-83-9-----	Bromomethane	25	U
78-93-3-----	2-Butanone	120	U
75-15-0-----	Carbon Disulfide	25	U
56-23-5-----	Carbon Tetrachloride	25	U
108-90-7-----	Chlorobenzene	25	U
75-00-3-----	Chloroethane	28	
67-66-3-----	Chloroform	25	U
74-87-3-----	Chloromethane	25	U
110-82-7-----	Cyclohexane	25	U
106-93-4-----	1,2-Dibromoethane	25	U
124-48-1-----	Dibromochloromethane	25	U
96-12-8-----	1,2-Dibromo-3-chloropropane	25	U
95-50-1-----	1,2-Dichlorobenzene	25	U
541-73-1-----	1,3-Dichlorobenzene	25	U
106-46-7-----	1,4-Dichlorobenzene	25	U
75-71-8-----	Dichlorodifluoromethane	25	U
75-34-3-----	1,1-Dichloroethane	6.9	J
107-06-2-----	1,2-Dichloroethane	25	U
75-35-4-----	1,1-Dichloroethene	25	U
156-59-2-----	cis-1,2-Dichloroethene	25	U
156-60-5-----	trans-1,2-Dichloroethene	25	U
78-87-5-----	1,2-Dichloropropane	25	U
10061-01-5----	cis-1,3-Dichloropropene	25	U
10061-02-6----	trans-1,3-Dichloropropene	25	U
100-41-4-----	Ethylbenzene	25	U
591-78-6-----	2-Hexanone	120	U
98-82-8-----	Isopropylbenzene	25	U
79-20-9-----	Methyl acetate	25	U
108-87-2-----	Methylcyclohexane	25	U
75-09-2-----	Methylene chloride	25	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

92/219

Client No.

MW-12

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6392408

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: R8479.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	120	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	25	U
100-42-5-----	Styrene	25	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25	U
127-18-4-----	Tetrachloroethene	25	U
108-88-3-----	Toluene	25	U
120-82-1-----	1,2,4-Trichlorobenzene	25	U
71-55-6-----	1,1,1-Trichloroethane	25	U
79-00-5-----	1,1,2-Trichloroethane	25	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4-----	Trichlorofluoromethane	25	U
79-01-6-----	Trichloroethene	25	U
75-01-4-----	Vinyl chloride	6.3	J
1330-20-7-----	Total Xylenes	75	U

Data File : H:\GCMS_VOA\R\041306\R8479.D

Acq On : 14 Apr 2006 2:10

Sample : A6392408 DF5

Misc :

MS Integration Params: RTEINT.P

Vial: 11

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:47:14 2006

Results File: A6I001371_E2.RES

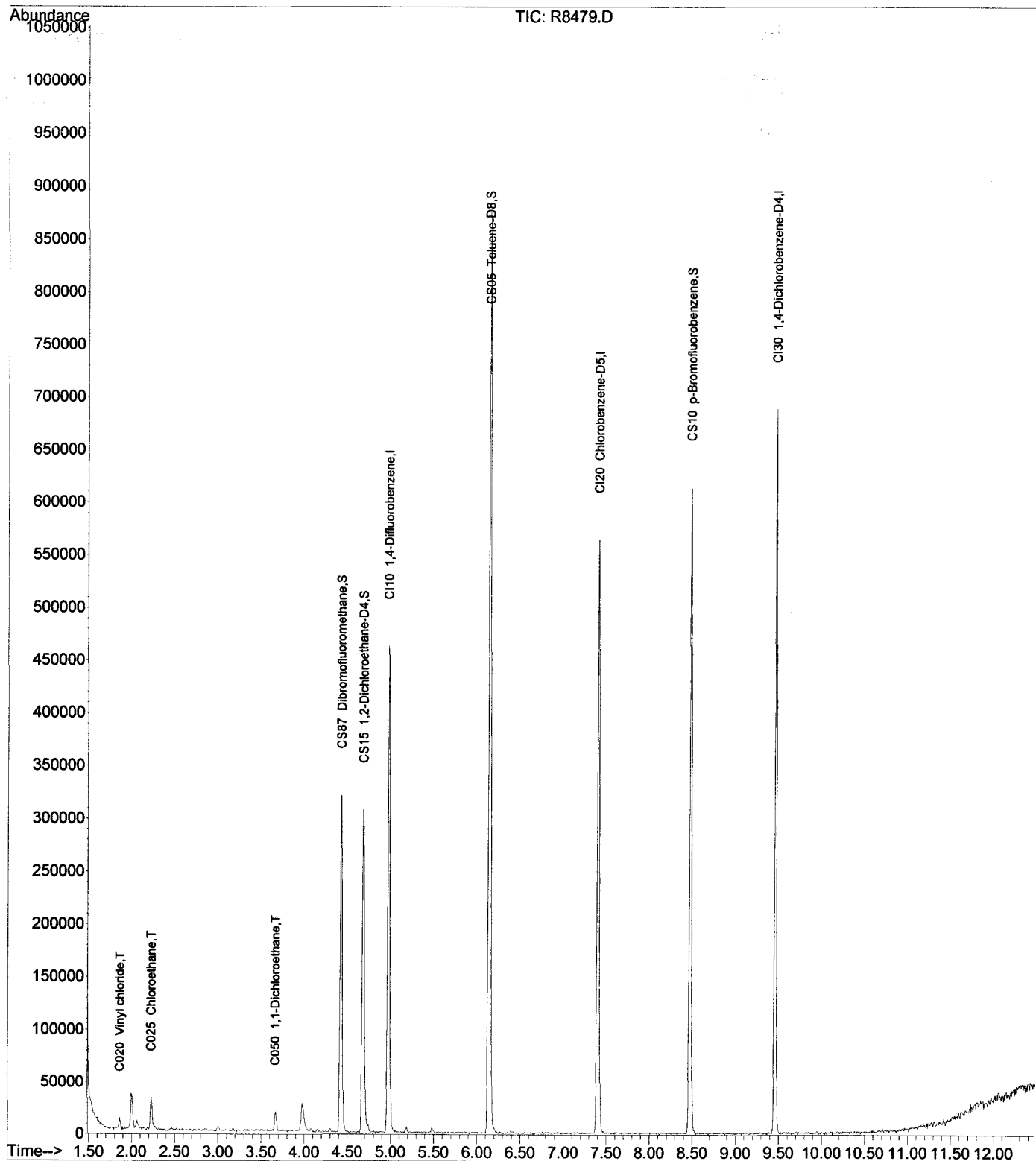
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8479.D

Vial: 11

Acq On : 14 Apr 2006 2:10

Operator: CDC

Sample : A6392408 DF5 *FoAMS*

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:14 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

*STE
TRB
4/14/06*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

1) CI10 1,4-Difluorobenzene	4.98	114	322501	125.00	ng	0.00	94.99%
43) CI20 Chlorobenzene-D5	7.40	117	305009	125.00	ng	0.00	92.03%
62) CI30 1,4-Dichlorobenzene-	9.46	152	153812	125.00	ng	0.00	67.68%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	173915	123.65	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	98.92%	
31) CS15 1,2-Dichloroethane-D	4.68	65	218333	127.76	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	102.21%	
44) CS05 Toluene-D8	6.14	98	544742	112.65	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	90.12%	
61) CS10 p-Bromofluorobenzene	8.48	174	165545	99.68	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	79.74%	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.86	62	8383	6.32	ng	95
5) C015 Bromomethane	2.14	94	184	N.D.		
6) C025 Chloroethane	2.22	64	22729	28.27	ng	97
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.18	84	758	N.D.		
10) C040 Carbon disulfide	3.01	76	4889	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.87	43	1286	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	3.66	63	16415	6.89	ng	97
21) C125 Vinyl Acetate	3.67	43	203	N.D.		
22) C051 2,2-Dichloropropan	4.01	77	210	N.D.		
23) C056 cis-1,2-Dichloroet	4.07	96	954	N.D.		
24) C272 Tetrahydrofuran	4.30	42	1455	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120 Carbon tetrachlori	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.72	78	2460	N.D.		
33) C065 1,2-Dichloroethane	4.74	62	4191	N.D.		
34) C110 2-Butanone	4.08	43	229	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	0.00	95	0	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		

*MSX
4/24/06*

Data File : H:\GCMS_VOA\R\041306\R8479.D

Acq On : 14 Apr 2006 2:10

Sample : A6392408 DF5

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:14 2006

Vial: 11

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

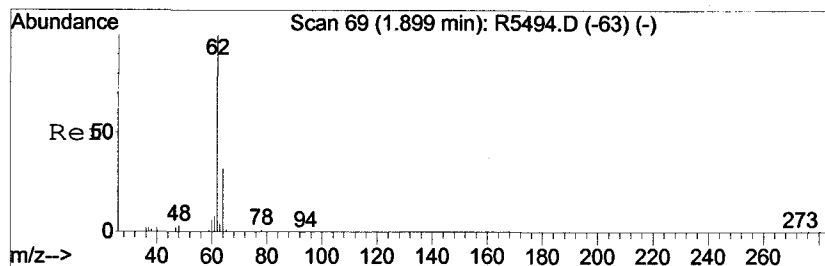
IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.20	92	599	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.15	43	2309	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.41	91	190	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	9.14	105	203	N.D.		
75) C308	sec-Butylbenzene	9.14	105	203	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

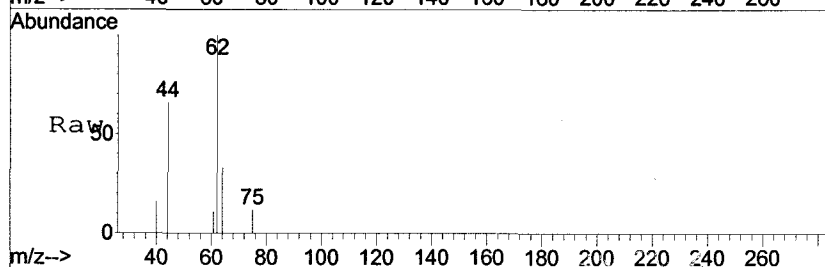
(#) = qualifier out of range (m) = manual integration (+) = signals summed

MS
4/24/06

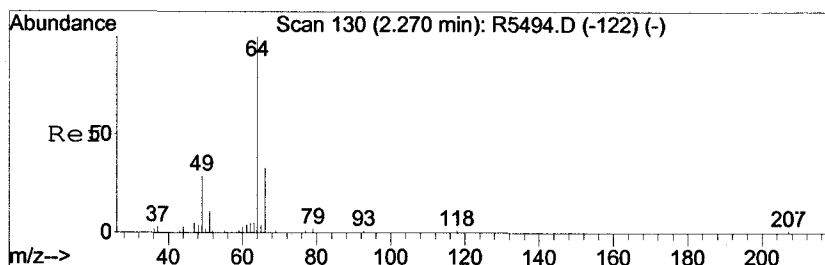
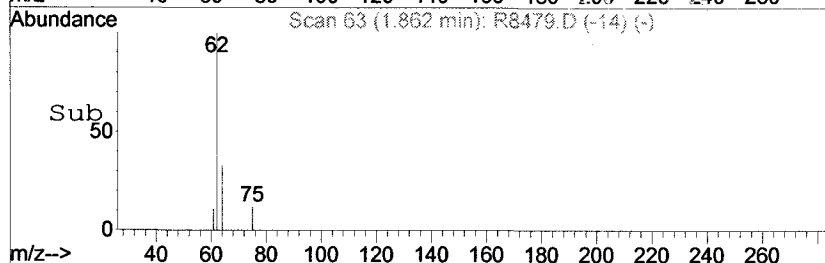
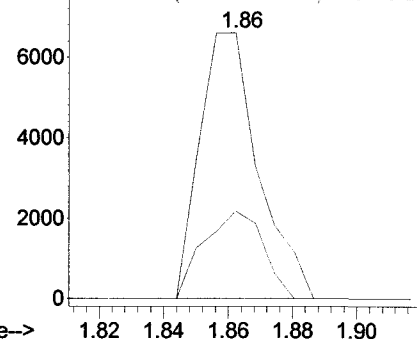


#4
C020 Vinyl chloride
Concen: 6.32 ng
RT: 1.86 min Scan# 63
Delta R.T. -0.00 min
Lab File: R8479.D
Acq: 14 Apr 2006 2:10

Tgt Ion: 62 Resp: 8383
Ion Ratio Lower Upper
62 100
64 32.9 10.4 50.4

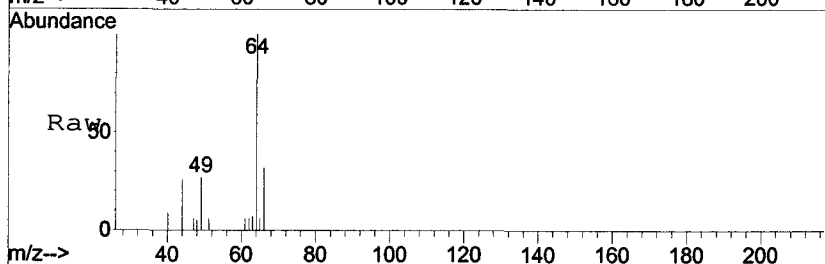


Abundance Ion 62.00 (61.70 to 62.70): R8479.D
Ion 64.00 (63.70 to 64.70): R8479.D

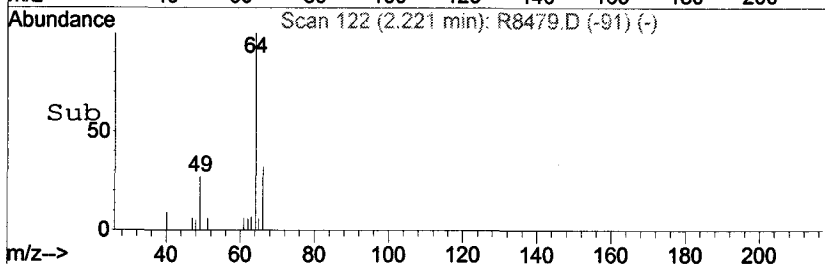
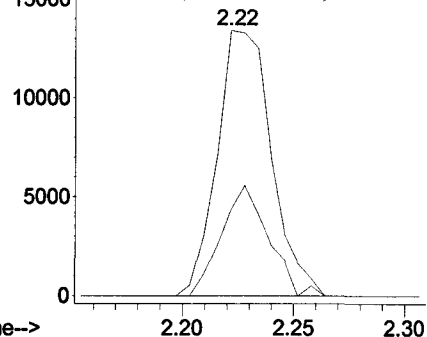


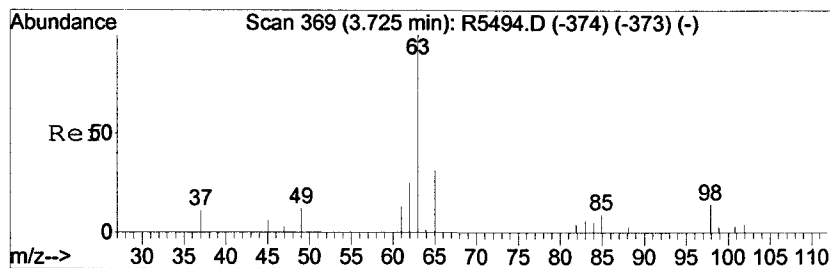
#6
C025 Chloroethane
Concen: 28.27 ng
RT: 2.22 min Scan# 122
Delta R.T. -0.01 min
Lab File: R8479.D
Acq: 14 Apr 2006 2:10

Tgt Ion: 64 Resp: 22729
Ion Ratio Lower Upper
64 100
66 32.1 10.6 50.6



Abundance Ion 64.00 (63.70 to 64.70): R8479.D
Ion 66.00 (65.70 to 66.70): R8479.D





#20

C050 1,1-Dichloroethane

Concen: 6.89 ng

RT: 3.66 min Scan# 359

Delta R.T. -0.00 min

Lab File: R8479.D

Acq: 14 Apr 2006 2:10

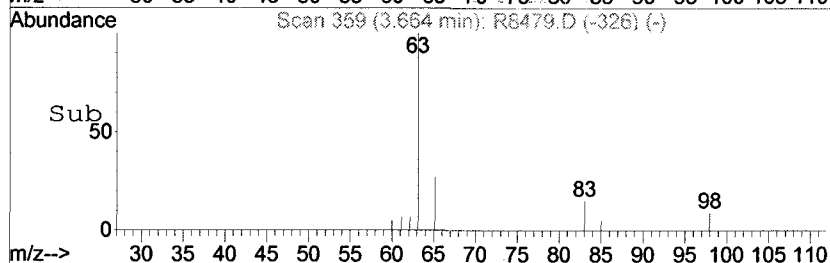
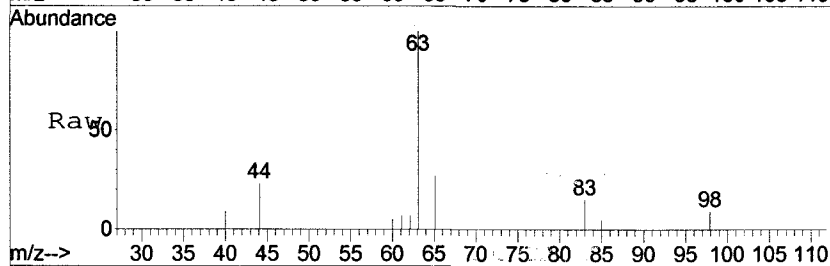
Tgt Ion: 63 Resp: 16415

Ion Ratio Lower Upper

63 100

65 26.8 8.9 48.9

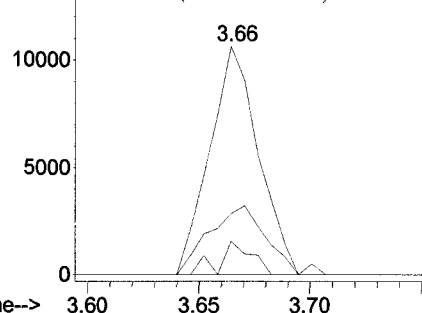
83 14.5 0.0 33.6



Abundance Ion 63.00 (62.70 to 63.70): R8479.D

Ion 65.00 (64.70 to 65.70): R8479.D

Ion 83.00 (82.70 to 83.70): R8479.D



EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

98/219

Client No.

MW-16S

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392409

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8503.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4000.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	100000	U
71-43-2-----	Benzene	20000	U
75-27-4-----	Bromodichloromethane	20000	U
75-25-2-----	Bromoform	20000	U
74-83-9-----	Bromomethane	20000	U
78-93-3-----	2-Butanone	100000	U
75-15-0-----	Carbon Disulfide	20000	U
56-23-5-----	Carbon Tetrachloride	20000	U
108-90-7-----	Chlorobenzene	20000	U
75-00-3-----	Chloroethane	20000	U
67-66-3-----	Chloroform	20000	U
74-87-3-----	Chloromethane	20000	U
110-82-7-----	Cyclohexane	20000	U
106-93-4-----	1,2-Dibromoethane	20000	U
124-48-1-----	Dibromochloromethane	20000	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20000	U
95-50-1-----	1,2-Dichlorobenzene	20000	U
541-73-1-----	1,3-Dichlorobenzene	20000	U
106-46-7-----	1,4-Dichlorobenzene	20000	U
75-71-8-----	Dichlorodifluoromethane	20000	U
75-34-3-----	1,1-Dichloroethane	2600	J
107-06-2-----	1,2-Dichloroethane	20000	U
75-35-4-----	1,1-Dichloroethene	20000	U
156-59-2-----	cis-1,2-Dichloroethene	56000	
156-60-5-----	trans-1,2-Dichloroethene	20000	U
78-87-5-----	1,2-Dichloropropane	20000	U
10061-01-5----	cis-1,3-Dichloropropene	20000	U
10061-02-6----	trans-1,3-Dichloropropene	20000	U
100-41-4-----	Ethylbenzene	20000	U
591-78-6-----	2-Hexanone	100000	U
98-82-8-----	Isopropylbenzene	20000	U
79-20-9-----	Methyl acetate	20000	U
108-87-2-----	Methylcyclohexane	20000	U
75-09-2-----	Methylene chloride	20000	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

99/219

Client No.

MW-16S

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392409

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8503.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4000.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	100000	U
1634-04-4-----	Methyl-t-Butyl Ether (MIBE)	20000	U
100-42-5-----	Styrene	20000	U
79-34-5-----	1,1,2,2-Tetrachloroethane	20000	U
127-18-4-----	Tetrachloroethene	20000	U
108-88-3-----	Toluene	20000	U
120-82-1-----	1,2,4-Trichlorobenzene	20000	U
71-55-6-----	1,1,1-Trichloroethane	20000	U
79-00-5-----	1,1,2-Trichloroethane	20000	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	20000	U
75-69-4-----	Trichlorofluoromethane	20000	U
79-01-6-----	Trichloroethene	260000	
75-01-4-----	Vinyl chloride	3900	J
1330-20-7-----	Total Xylenes	60000	U

Data File : H:\GCMS_VOA\R\041406\R8503.D

Acq On : 14 Apr 2006 14:24

Sample : A6392409 DF4000 B

Misc :

MS Integration Params: RTEINT.P

Vial: 7

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 16:16:24 2006

Results File: A6I001371_E2.RES

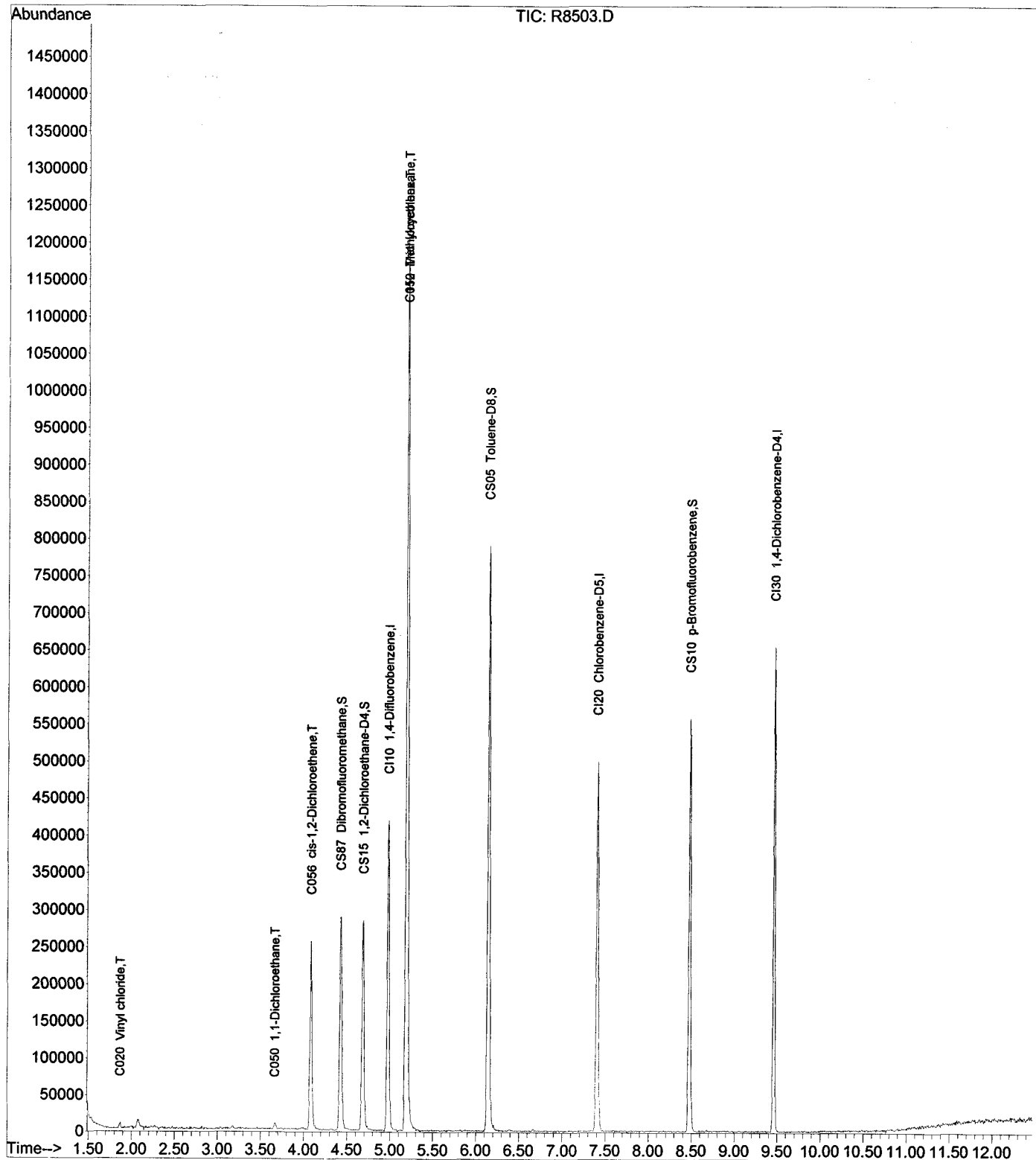
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041406\R8503.D

Acq On : 14 Apr 2006 14:24

Sample : A6392409 DF4000 B

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 16:16:24 2006

Vial: 7

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards

R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

1) CI10	1,4-Difluorobenzene	4.98	114	292781	125.00 ng	0.00
						85.72%
43) CI20	Chlorobenzene-D5	7.40	117	268946	125.00 ng	0.00
						80.44%
62) CI30	1,4-Dichlorobenzene-	9.46	152	147686	125.00 ng	0.00
						62.92%

System Monitoring Compounds

30) CS87	Dibromofluoromethane	4.43	111	165227	129.39 ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	= 103.51%
31) CS15	1,2-Dichloroethane-D	4.68	65	212021	136.66 ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	= 109.33%
44) CS05	Toluene-D8	6.14	98	488691	114.61 ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	= 91.69%
61) CS10	p-Bromofluorobenzene	8.48	174	151099	103.18 ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	= 82.54%

Target Compounds

Qvalue

2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.87	62	5814	4.83 ng	80
5) C015	Bromomethane	2.17	94	226	N.D.	
6) C025	Chloroethane	2.23	64	526	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.82	96	321	N.D.	
9) C030	Methylene chloride	3.18	84	1269	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.87	43	520	N.D.	
14) C300	Acetonitrile	3.08	41	214	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	3.07	43	198	N.D.	
20) C050	1,1-Dichloroethane	3.67	63	7165	3.31 ng	90
21) C125	Vinyl Acetate	3.74	43	260	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroethe	4.08	96	96532	70.57 ng	93
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	4.32	83	966	N.D.	
27) C115	1,1,1-Trichloroeth	4.44	97	1255	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	4.10	43	261	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	5.19	95	404246	320.64 ng	99
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	

Data File : H:\GCMS_VOA\R\041406\R8503.D

Vial: 7

Acq On : 14 Apr 2006 14:24

Operator: TRB

Sample : A6392409 DF4000 B

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 16:16:24 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

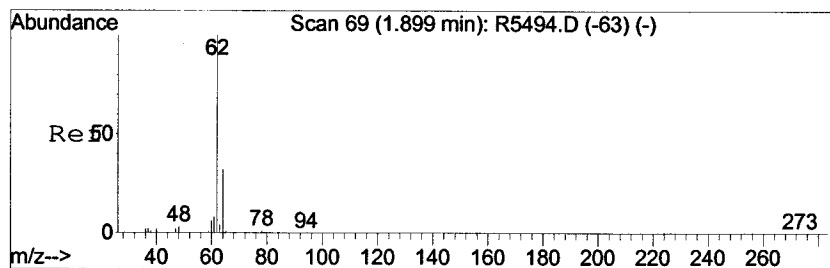
IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.20	83	4955	2.96 ng	# 1
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.20	92	952	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.14	43	2122	N.D.	
50) C220	Tetrachloroethene	6.66	166	847	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.49	91	451	N.D.	
58) C246	m,p-Xylene	7.59	106	200	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	8.67	91	431	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	9.41	146	300	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.48	146	213	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	9.72	91	275	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

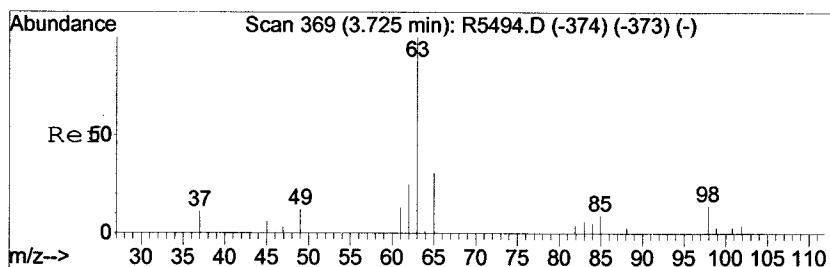
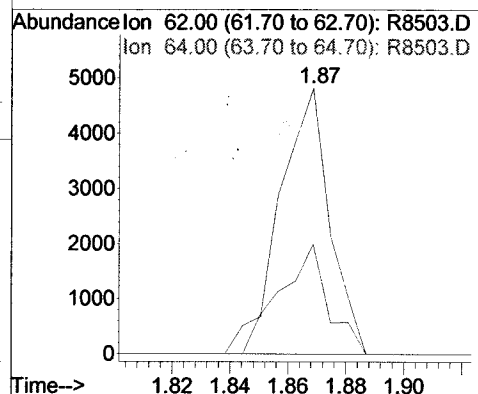
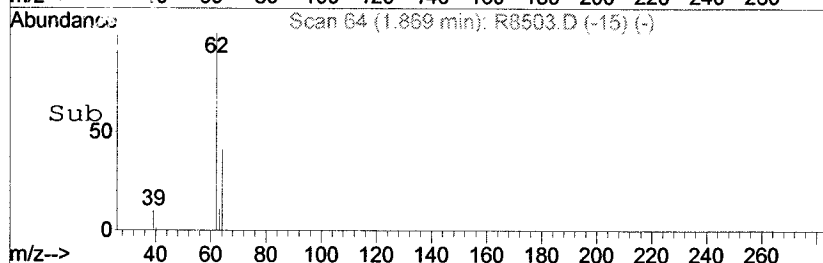
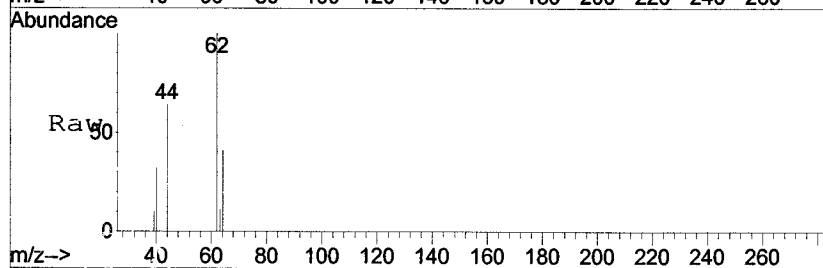
(#) = qualifier out of range (m) = manual integration (+) = signals summed

MS
4/24/06



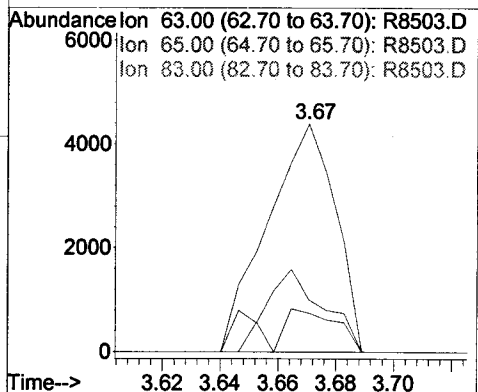
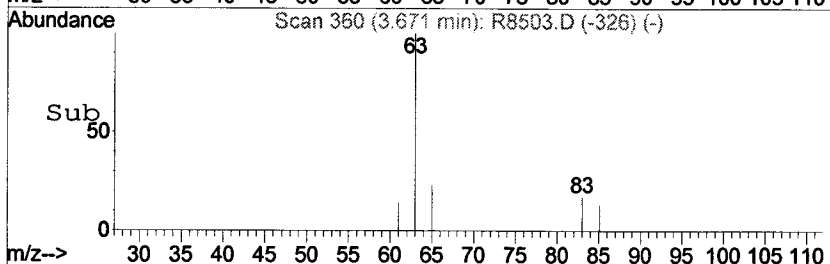
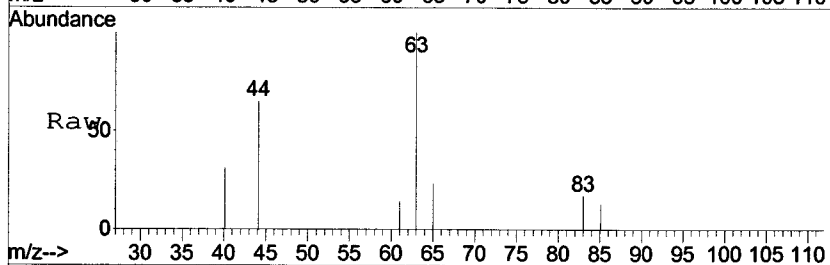
#4
C020 Vinyl chloride
Concen: 4.83 ng
RT: 1.87 min Scan# 64
Delta R.T. 0.00 min
Lab File: R8503.D
Acq: 14 Apr 2006 14:24

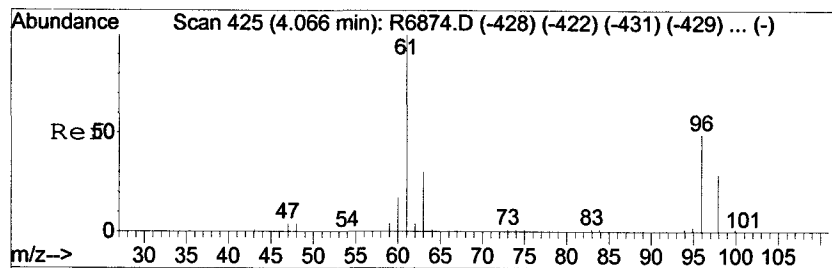
Tgt Ion: 62 Resp: 5814
Ion Ratio Lower Upper
62 100
64 41.4 10.4 50.4



#20
C050 1,1-Dichloroethane
Concen: 3.31 ng
RT: 3.67 min Scan# 360
Delta R.T. 0.01 min
Lab File: R8503.D
Acq: 14 Apr 2006 14:24

Tgt Ion: 63 Resp: 7165
Ion Ratio Lower Upper
63 100
65 22.9 8.9 48.9
83 17.0 0.0 33.6





#23

C056 cis-1,2-Dichloroethene

Concen: 70.57 ng

RT: 4.08 min Scan# 428

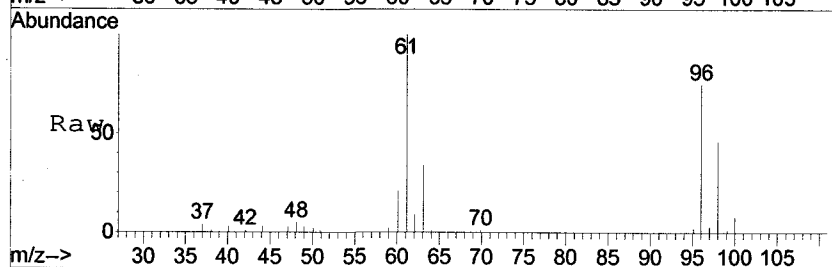
Delta R.T. 0.00 min

Lab File: R8503.D

Acq: 14 Apr 2006 14:24

Tgt Ion: 96 Resp: 96532

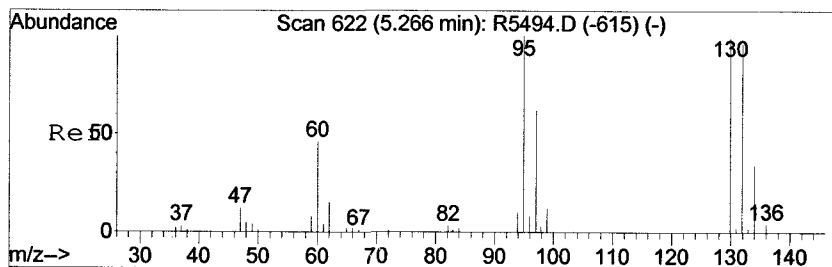
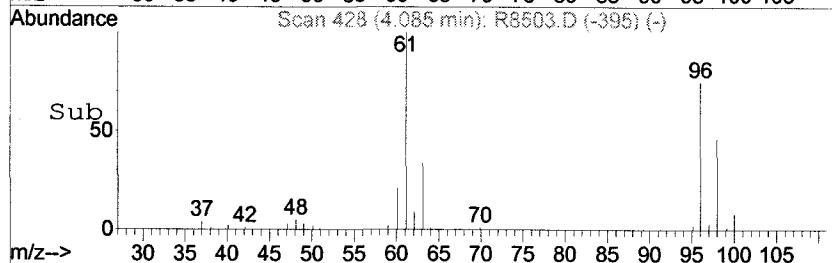
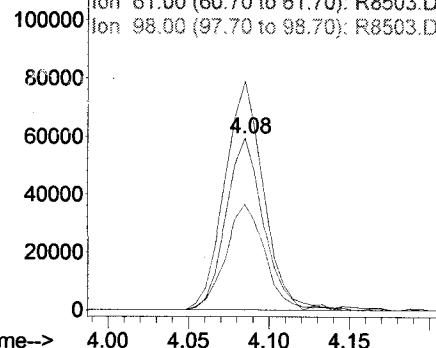
Ion	Ratio	Lower	Upper
96	100		
61	133.0	107.1	147.1
98	61.4	49.1	89.1



Abundance Ion 96.00 (95.70 to 96.70): R8503.D

Ion 61.00 (60.70 to 61.70): R8503.D

Ion 98.00 (97.70 to 98.70): R8503.D



#36

C150 Trichloroethene

Concen: 320.64 ng

RT: 5.19 min Scan# 610

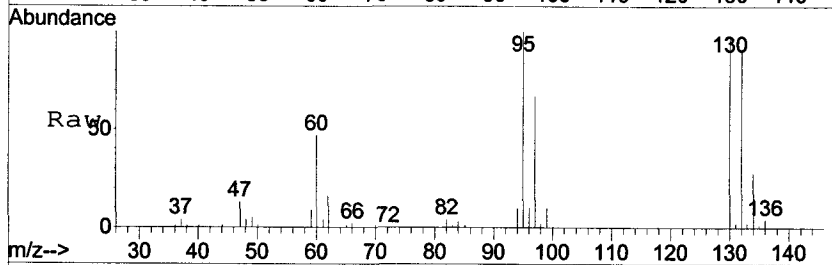
Delta R.T. 0.00 min

Lab File: R8503.D

Acq: 14 Apr 2006 14:24

Tgt Ion: 95 Resp: 404246

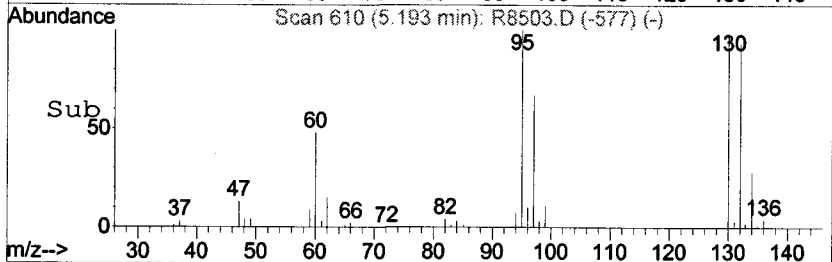
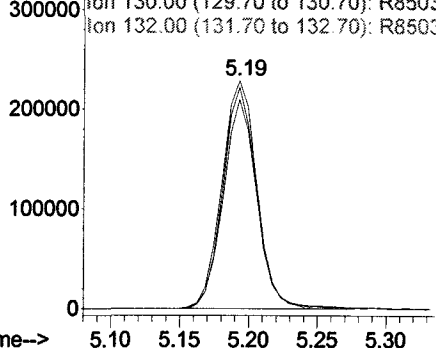
Ion	Ratio	Lower	Upper
95	100		
130	97.1	76.8	116.8
132	91.5	73.1	113.1

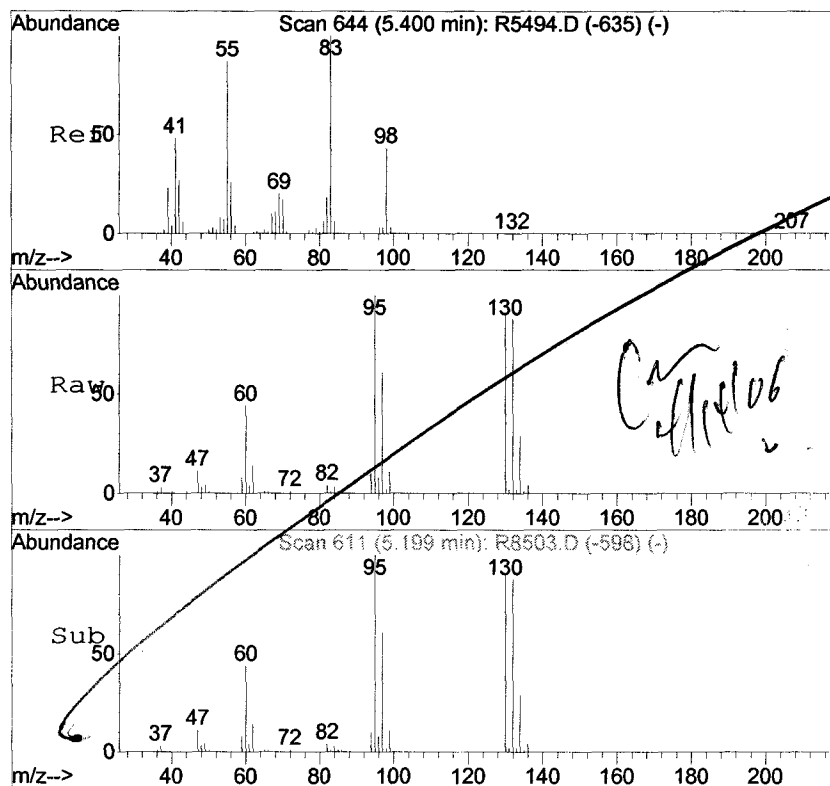


Abundance Ion 95.00 (94.70 to 95.70): R8503.D

Ion 130.00 (129.70 to 130.70): R8503.D

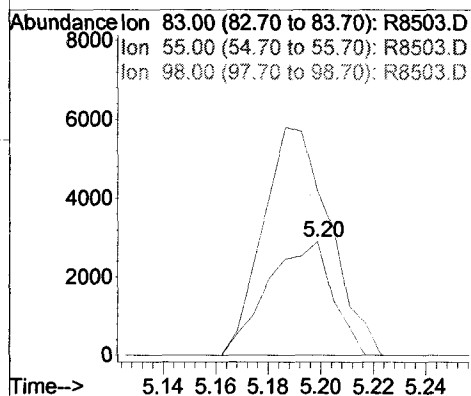
Ion 132.00 (131.70 to 132.70): R8503.D





#41
C012 Methylcyclohexane
Concen: 2.96 ng
RT: 5.20 min Scan# 611
Delta R.T. -0.12 min
Lab File: R8503.D
Acq: 14 Apr 2006 14:24

Tgt Ion: 83 Resp: 4955
Ion Ratio Lower Upper
83 100
55 0.0 75.3 112.9#
98 206.1 36.9 55.3#



EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

106/219

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8472.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	120	U
71-43-2-----	Benzene	25	U
75-27-4-----	Bromodichloromethane	25	U
75-25-2-----	Bromoform	25	U
74-83-9-----	Bromomethane	25	U
78-93-3-----	2-Butanone	120	U
75-15-0-----	Carbon Disulfide	25	U
56-23-5-----	Carbon Tetrachloride	25	U
108-90-7-----	Chlorobenzene	25	U
75-00-3-----	Chloroethane	27	
67-66-3-----	Chloroform	25	U
74-87-3-----	Chloromethane	25	U
110-82-7-----	Cyclohexane	25	U
106-93-4-----	1,2-Dibromoethane	25	U
124-48-1-----	Dibromochloromethane	25	U
96-12-8-----	1,2-Dibromo-3-chloropropane	25	U
95-50-1-----	1,2-Dichlorobenzene	25	U
541-73-1-----	1,3-Dichlorobenzene	25	U
106-46-7-----	1,4-Dichlorobenzene	25	U
75-71-8-----	Dichlorodifluoromethane	25	U
75-34-3-----	1,1-Dichloroethane	25	U
107-06-2-----	1,2-Dichloroethane	25	U
75-35-4-----	1,1-Dichloroethene	25	U
156-59-2-----	cis-1,2-Dichloroethene	25	U
156-60-5-----	trans-1,2-Dichloroethene	25	U
78-87-5-----	1,2-Dichloropropane	25	U
10061-01-5----	cis-1,3-Dichloropropene	25	U
10061-02-6----	trans-1,3-Dichloropropene	25	U
100-41-4-----	Ethylbenzene	25	U
591-78-6-----	2-Hexanone	120	U
98-82-8-----	Isopropylbenzene	25	U
79-20-9-----	Methyl acetate	25	U
108-87-2-----	Methylcyclohexane	25	U
75-09-2-----	Methylene chloride	25	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392401Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8472.RRLevel: (low/med) LOWDate Samp/Recv: 04/11/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 5.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L Q
108-10-1-----	4-Methyl-2-pentanone	120	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	25	U
100-42-5-----	Styrene	25	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25	U
127-18-4-----	Tetrachloroethene	25	U
108-88-3-----	Toluene	25	U
120-82-1-----	1,2,4-Trichlorobenzene	25	U
71-55-6-----	1,1,1-Trichloroethane	25	U
79-00-5-----	1,1,2-Trichloroethane	25	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4-----	Trichlorofluoromethane	25	U
79-01-6-----	Trichloroethene	25	U
75-01-4-----	Vinyl chloride	25	U
1330-20-7-----	Total Xylenes	75	U

Data File : H:\GCMS_VOA\R\041306\R8472.D

Acq On : 13 Apr 2006 23:31

Sample : A6392401 DF5

Misc :

MS Integration Params: RTEINT.P

Vial: 4

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:46:50 2006

Results File: A6I001371_E2.RES

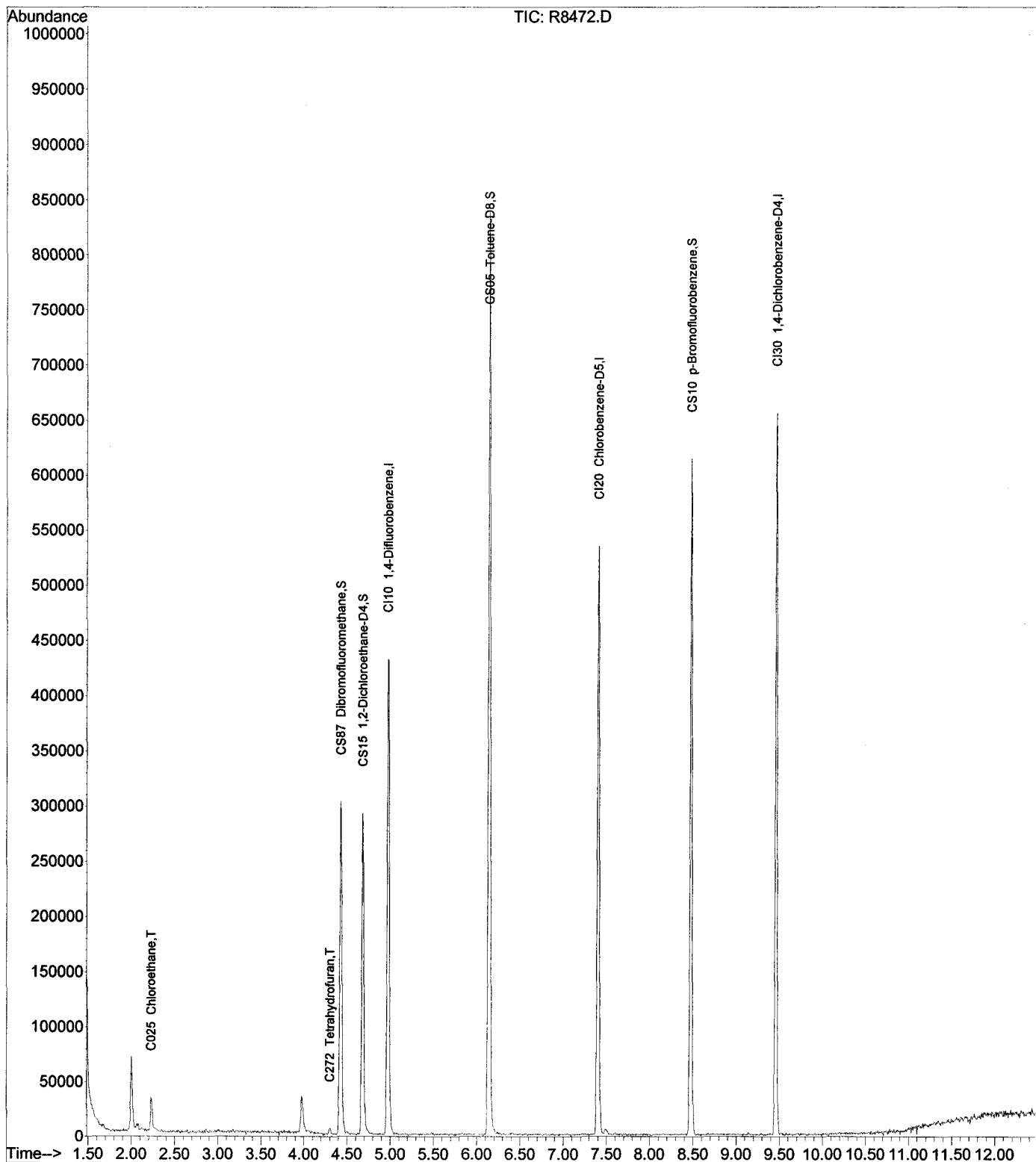
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8472.D

Vial: 4

Acq On : 13 Apr 2006 23:31

Operator: CDC

Sample : A6392401 DF5

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:46:50 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

S+E
RS
4/14/06

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	315489	125.00	ng	0.00
							92.93%
43)	CI20 Chlorobenzene-D5	7.40	117	290820	125.00	ng	0.00
							87.75%
62)	CI30 1,4-Dichlorobenzene-	9.46	152	159675	125.00	ng	0.00
							70.26%

System Monitoring Compounds

30)	CS87 Dibromofluoromethane	4.43	111	174313	126.68	ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	=	101.34%
31)	CS15 1,2-Dichloroethane-D	4.68	65	208091	124.48	ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	=	99.58%
44)	CS05 Toluene-D8	6.14	98	517967	112.34	ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	=	89.87%
61)	CS10 p-Bromofluorobenzene	8.47	174	165312	104.39	ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	=	83.51%

Target Compounds

							Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010 Chloromethane	0.00	50	0	N.D.		
4)	C020 Vinyl chloride	0.00	62	0	N.D.		
5)	C015 Bromomethane	0.00	94	0	N.D.		
6)	C025 Chloroethane	2.23	64	21055	26.77	ng	96
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9)	C030 Methylene chloride	3.18	84	774	N.D.		
10)	C040 Carbon disulfide	3.00	76	1202	N.D.		
11)	C036 Acrolein	0.00	56	0	N.D.		
12)	C038 Acrylonitrile	0.00	53	0	N.D.		
13)	C035 Acetone	2.87	43	1658	N.D.		
14)	C300 Acetonitrile	3.12	41	208	N.D.		
15)	C276 Iodomethane	2.96	142	404	N.D.		
16)	C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19)	C255 Methyl Acetate	3.11	43	232	N.D.		
20)	C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125 Vinyl Acetate	3.66	43	183	N.D.		
22)	C051 2,2-Dichloropropan	3.98	77	1390	N.D.		
23)	C056 cis-1,2-Dichloroet	0.00	96	0	N.D.		
24)	C272 Tetrahydrofuran	4.30	42	2664	10.51	ng	# 53
25)	C222 Bromochloromethane	0.00	128	0	N.D.		
26)	C060 Chloroform	0.00	83	0	N.D.		
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32)	C165 Benzene	4.72	78	184	N.D.		
33)	C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110 2-Butanone	4.08	43	201	N.D.		
35)	C256 Cyclohexane	0.00	56	0	N.D.		
36)	C150 Trichloroethene	0.00	95	0	N.D.		
37)	C140 1,2-Dichloropropan	0.00	63	0	N.D.		

MS
4/24/06

Data File : H:\GCMS_VOA\R\041306\R8472.D

Vial: 4

Acq On : 13 Apr 2006 23:31

Operator: CDC

Sample : A6392401 DF5

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:46:50 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

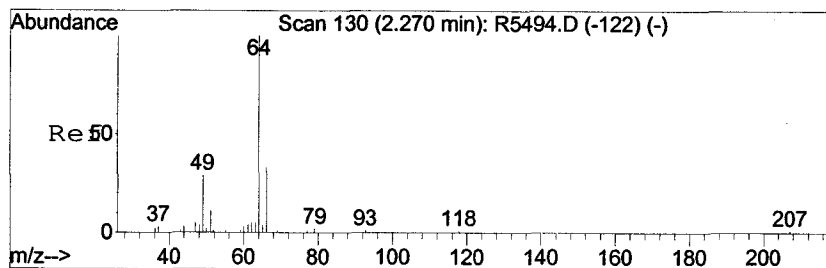
IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.19	92	465	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.14	43	1625	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.49	91	6016	N.D.		
58) C246	m,p-Xylene	7.50	106	719	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	8.67	91	1002	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	9.15	105	1069	N.D.		
75) C308	sec-Butylbenzene	9.28	105	196	N.D.		
76) C260	1,3-Dichlorobenzen	9.41	146	196	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	9.48	146	580	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	9.71	91	728	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

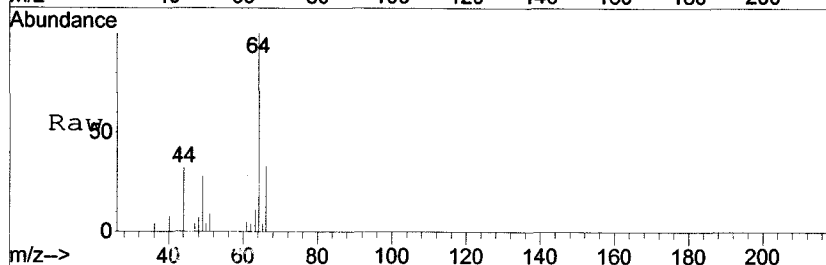
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AWJ
4/24/06

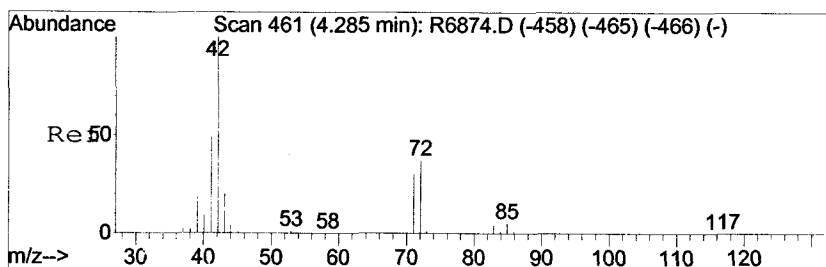
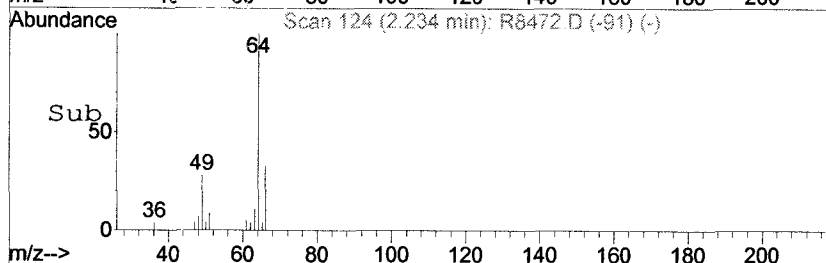
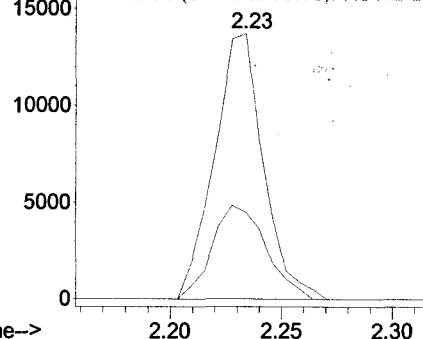


#6
C025 Chloroethane
Concen: 26.77 ng
RT: 2.23 min Scan# 124
Delta R.T. -0.00 min
Lab File: R8472.D
Acq: 13 Apr 2006 23:31

Tgt Ion: 64 Resp: 21055
Ion Ratio Lower Upper
64 100
66 32.7 10.6 50.6

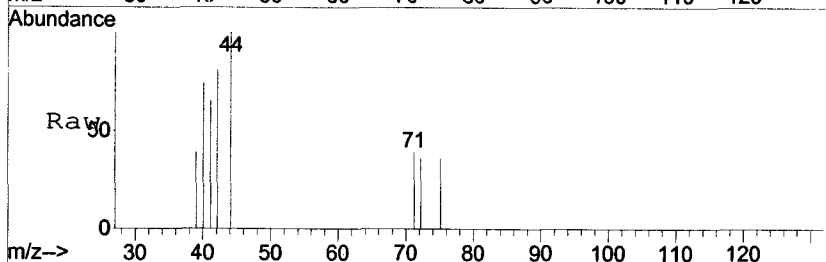


Abundance Ion 64.00 (63.70 to 64.70): R8472.D
Ion 66.00 (65.70 to 66.70): R8472.D

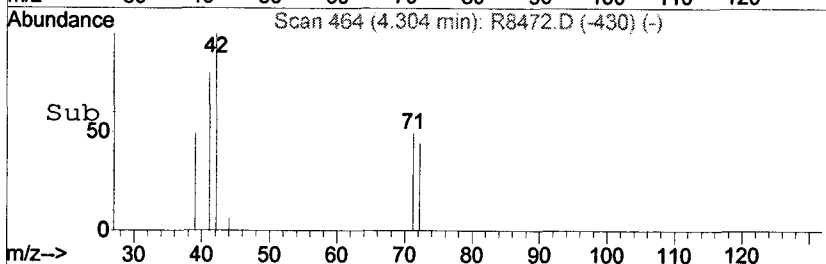
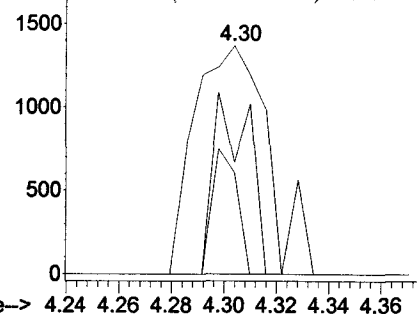


#24
C272 Tetrahydrofuran
Concen: 10.51 ng
RT: 4.30 min Scan# 464
Delta R.T. 0.01 min
Lab File: R8472.D
Acq: 13 Apr 2006 23:31

Tgt Ion: 42 Resp: 2664
Ion Ratio Lower Upper
42 100
71 48.9 12.7 19.1#
72 44.3 22.8 34.2#



Abundance Ion 42.00 (41.70 to 42.70): R8472.D
Ion 71.00 (70.70 to 71.70): R8472.D
Ion 72.00 (71.70 to 72.70): R8472.D



EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

112/219

Client No.

MW-3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8473.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	120	U
71-43-2-----	Benzene	25	U
75-27-4-----	Bromodichloromethane	25	U
75-25-2-----	Bromoform	25	U
74-83-9-----	Bromomethane	25	U
78-93-3-----	2-Butanone	120	U
75-15-0-----	Carbon Disulfide	25	U
56-23-5-----	Carbon Tetrachloride	25	U
108-90-7-----	Chlorobenzene	25	U
75-00-3-----	Chloroethane	2.8	J
67-66-3-----	Chloroform	25	U
74-87-3-----	Chloromethane	25	U
110-82-7-----	Cyclohexane	25	U
106-93-4-----	1,2-Dibromoethane	25	U
124-48-1-----	Dibromochloromethane	25	U
96-12-8-----	1,2-Dibromo-3-chloropropane	25	U
95-50-1-----	1,2-Dichlorobenzene	25	U
541-73-1-----	1,3-Dichlorobenzene	25	U
106-46-7-----	1,4-Dichlorobenzene	25	U
75-71-8-----	Dichlorodifluoromethane	25	U
75-34-3-----	1,1-Dichloroethane	4.9	J
107-06-2-----	1,2-Dichloroethane	25	U
75-35-4-----	1,1-Dichloroethene	25	U
156-59-2-----	cis-1,2-Dichloroethene	25	U
156-60-5-----	trans-1,2-Dichloroethene	25	U
78-87-5-----	1,2-Dichloropropane	25	U
10061-01-5----	cis-1,3-Dichloropropene	25	U
10061-02-6----	trans-1,3-Dichloropropene	25	U
100-41-4-----	Ethylbenzene	25	U
591-78-6-----	2-Hexanone	120	U
98-82-8-----	Isopropylbenzene	25	U
79-20-9-----	Methyl acetate	25	U
108-87-2-----	Methylcyclohexane	25	U
75-09-2-----	Methylene chloride	25	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

113/219

Client No.

MW-3

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8473.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	120	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	25	U
100-42-5-----	Styrene	25	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25	U
127-18-4-----	Tetrachloroethene	25	U
108-88-3-----	Toluene	25	U
120-82-1-----	1,2,4-Trichlorobenzene	25	U
71-55-6-----	1,1,1-Trichloroethane	25	U
79-00-5-----	1,1,2-Trichloroethane	25	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
75-69-4-----	Trichlorofluoromethane	25	U
79-01-6-----	Trichloroethene	25	U
75-01-4-----	Vinyl chloride	25	U
1330-20-7-----	Total Xylenes	75	U

Data File : H:\GCMS_VOA\R\041306\R8473.D

Acq On : 13 Apr 2006 23:54

Sample : A6392402 DF5

Misc :

MS Integration Params: RTEINT.P

Vial: 5

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:46:54 2006

Results File: A6I001371_E2.RES

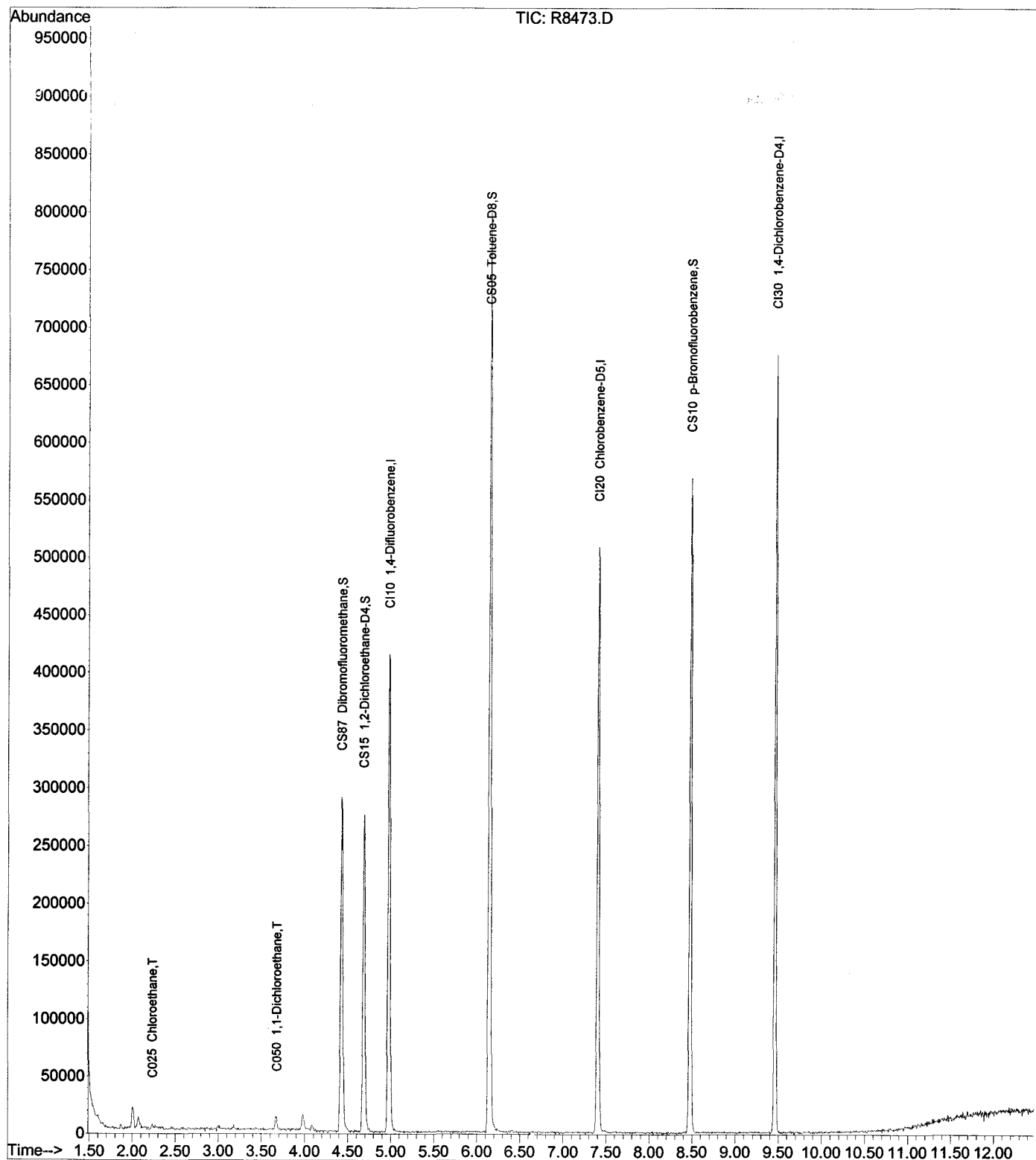
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8473.D

Acq On : 13 Apr 2006 23:54

Sample : A6392402 DF5

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:46:54 2006

Vial: 5

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

STE
rs 4/14/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

1) CI10 1,4-Difluorobenzene	4.98	114	300877	125.00	ng	0.00	88.62%
43) CI20 Chlorobenzene-D5	7.40	117	279399	125.00	ng	0.00	84.30%
62) CI30 1,4-Dichlorobenzene-	9.46	152	147622	125.00	ng	0.00	64.96%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	167895	127.95	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.36%	
31) CS15 1,2-Dichloroethane-D	4.68	65	204481	128.26	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	102.61%	
44) CS05 Toluene-D8	6.14	98	501135	113.13	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	90.50%	
61) CS10 p-Bromofluorobenzene	8.47	174	158209	103.99	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	83.19%	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.87	62	2176	N.D.		
5) C015 Bromomethane	2.17	94	451	N.D.		
6) C025 Chloroethane	2.23	64	2064	2.75	ng	# 44
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.18	84	699	N.D.		
10) C040 Carbon disulfide	3.00	76	3730	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	2.87	43	846	N.D.		
14) C300 Acetonitrile	3.09	41	199	N.D.		
15) C276 Iodomethane	2.95	142	208	N.D.		
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	3.68	63	10937	4.92	ng	98
21) C125 Vinyl Acetate	3.67	43	216	N.D.		
22) C051 2,2-Dichloropropan	4.02	77	196	N.D.		
23) C056 cis-1,2-Dichloroet	4.08	96	1944	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120 Carbon tetrachlori	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.71	78	187	N.D.		
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	3.98	43	666	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	0.00	95	0	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		

Dec
4/24/06

Data File : H:\GCMS_VOA\R\041306\R8473.D

Vial: 5

Acq On : 13 Apr 2006 23:54

Operator: CDC

Sample : A6392402 DF5

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:46:54 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

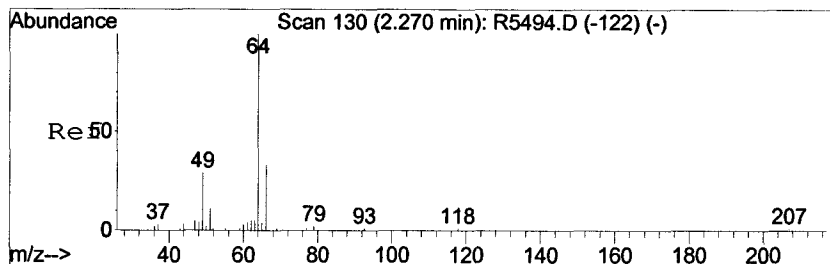
DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

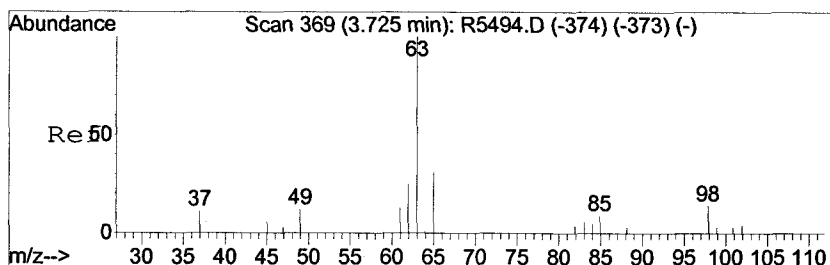
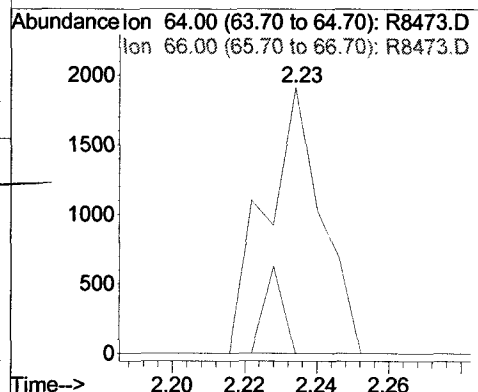
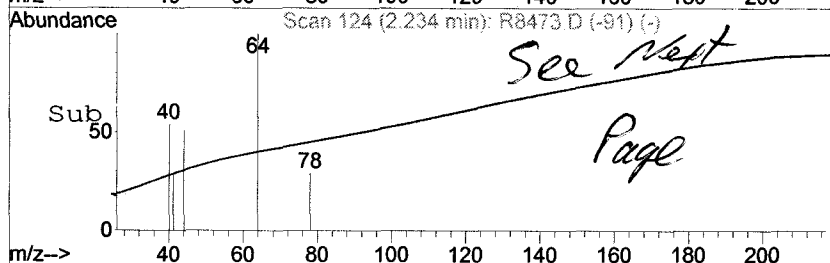
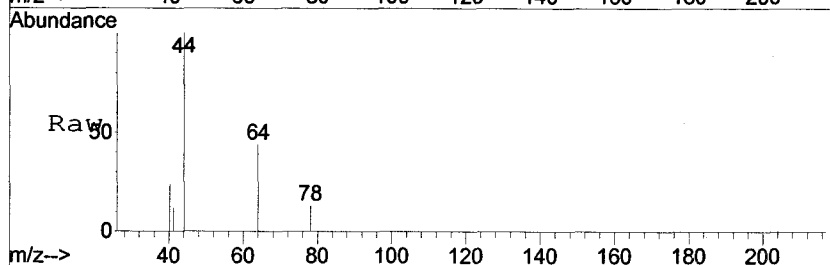
38) C276	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.20	92	213	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.14	43	1733	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.50	91	1743	N.D.	
58) C246	m,p-Xylene	7.59	106	218	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	8.68	91	292	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	9.13	105	191	N.D.	
75) C308	sec-Butylbenzene	9.13	105	191	N.D.	
76) C260	1,3-Dichlorobenzen	9.41	146	215	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.48	146	215	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	9.71	91	248	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

(#)=qualifier out of range (m)=manual integration (+)=signals summed



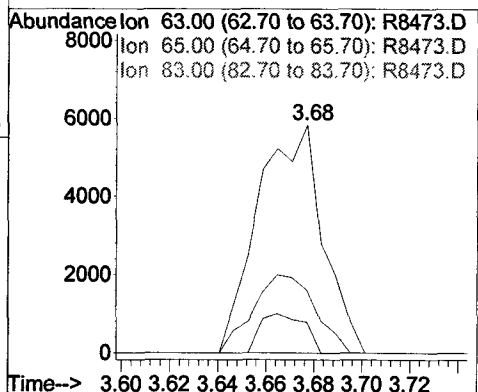
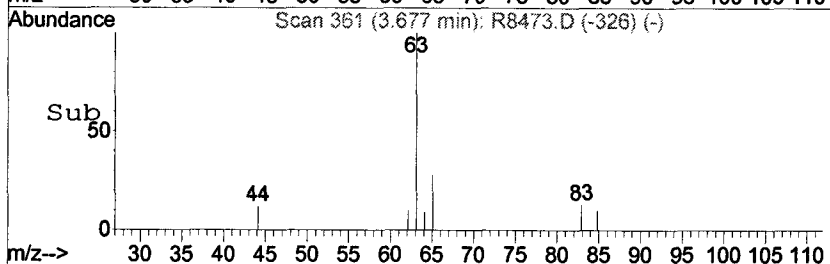
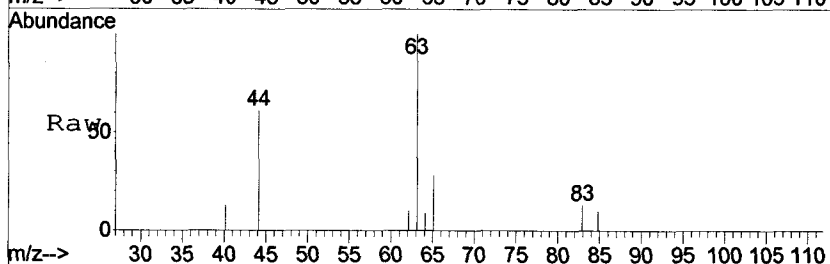
#6
C025 Chloroethane
Concen: 2.75 ng
RT: 2.23 min Scan# 124
Delta R.T. 0.00 min
Lab File: R8473.D
Acq: 13 Apr 2006 23:54

Tgt Ion: 64 Resp: 2064
Ion Ratio Lower Upper
64 100
66 0.0 10.6 50.6#



#20
C050 1,1-Dichloroethane
Concen: 4.92 ng
RT: 3.68 min Scan# 361
Delta R.T. 0.01 min
Lab File: R8473.D
Acq: 13 Apr 2006 23:54

Tgt Ion: 63 Resp: 10937
Ion Ratio Lower Upper
63 100
65 27.7 8.9 48.9
83 13.4 0.0 33.6



Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\R\041306\R8473.D

Acq On : 13 Apr 2006 23:54

Sample : A6392402 DF5

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:46:54 2006

Vial: 5

Operator: CDC

Inst : HP5973R

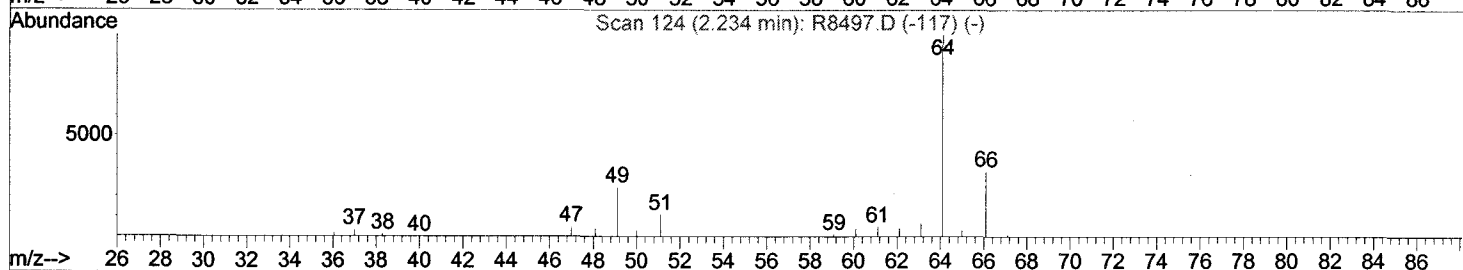
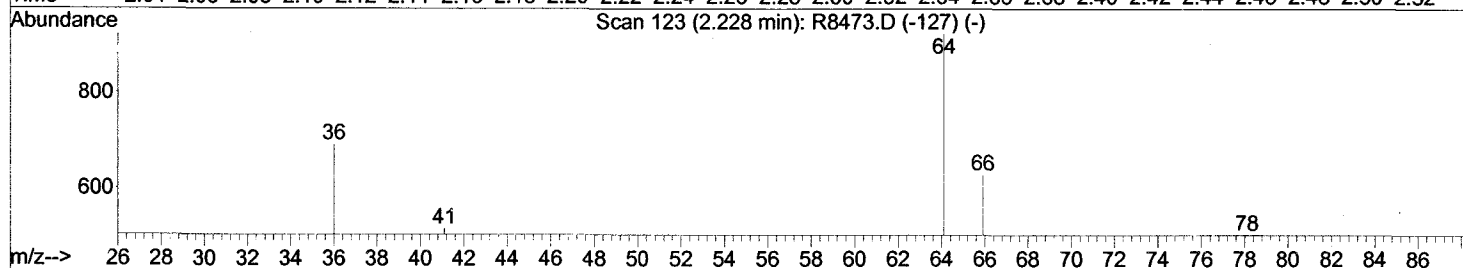
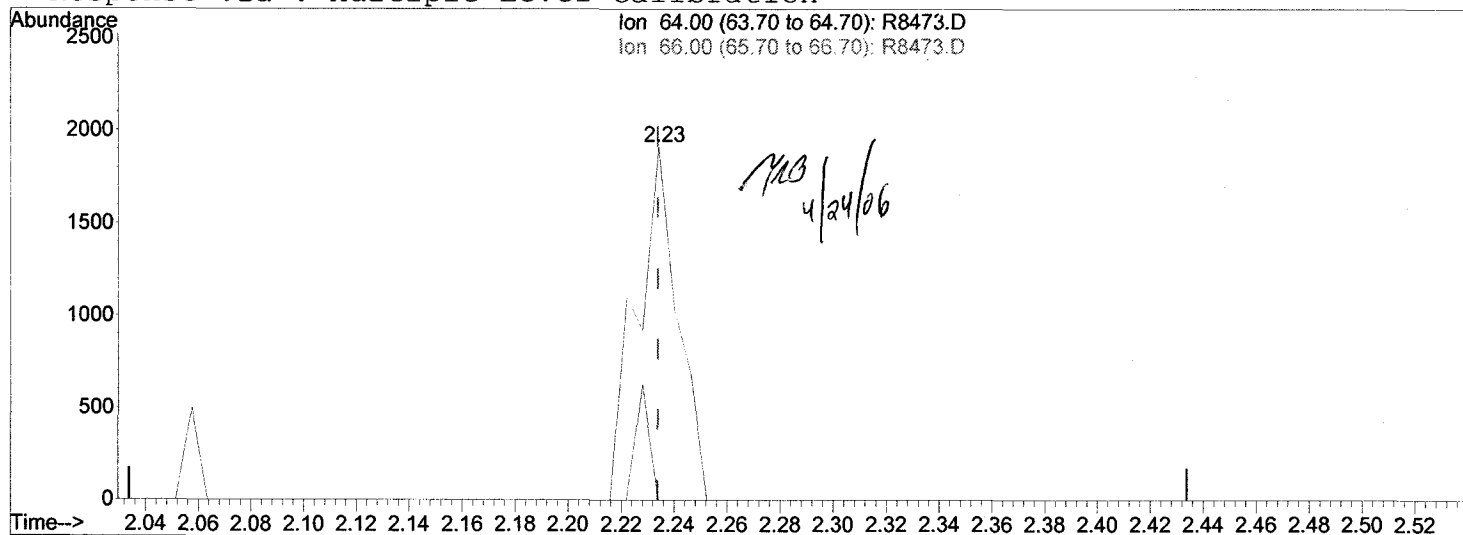
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...W\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Tue Apr 18 06:50:18 2006

Response via : Multiple Level Calibration



TIC: R8473.D

(6) C025 Chloroethane (T)

2.23min (+0.000) 2.75ng

response 2064

Ion	Exp%	Act%
64.00	100	100
66.00	30.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

119/219

Client No.

MW-4

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392403

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8501.RR

Level: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 100.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	2500	U
71-43-2-----	Benzene	500	U
75-27-4-----	Bromodichloromethane	500	U
75-25-2-----	Bromoform	500	U
74-83-9-----	Bromomethane	500	U
78-93-3-----	2-Butanone	2500	U
75-15-0-----	Carbon Disulfide	500	U
56-23-5-----	Carbon Tetrachloride	500	U
108-90-7-----	Chlorobenzene	500	U
75-00-3-----	Chloroethane	500	U
67-66-3-----	Chloroform	500	U
74-87-3-----	Chloromethane	500	U
110-82-7-----	Cyclohexane	500	U
106-93-4-----	1,2-Dibromoethane	500	U
124-48-1-----	Dibromochloromethane	500	U
96-12-8-----	1,2-Dibromo-3-chloropropane	500	U
95-50-1-----	1,2-Dichlorobenzene	500	U
541-73-1-----	1,3-Dichlorobenzene	500	U
106-46-7-----	1,4-Dichlorobenzene	500	U
75-71-8-----	Dichlorodifluoromethane	500	U
75-34-3-----	1,1-Dichloroethane	120	J
107-06-2-----	1,2-Dichloroethane	500	U
75-35-4-----	1,1-Dichloroethene	53	J
156-59-2-----	cis-1,2-Dichloroethene	6800	
156-60-5-----	trans-1,2-Dichloroethene	500	U
78-87-5-----	1,2-Dichloropropane	500	U
10061-01-5----	cis-1,3-Dichloropropene	500	U
10061-02-6----	trans-1,3-Dichloropropene	500	U
100-41-4-----	Ethylbenzene	500	U
591-78-6-----	2-Hexanone	2500	U
98-82-8-----	Isopropylbenzene	500	U
79-20-9-----	Methyl acetate	500	U
108-87-2-----	Methylcyclohexane	500	U
75-09-2-----	Methylene chloride	500	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

120/219

Client No.

MW-4

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6392403

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: R8501.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

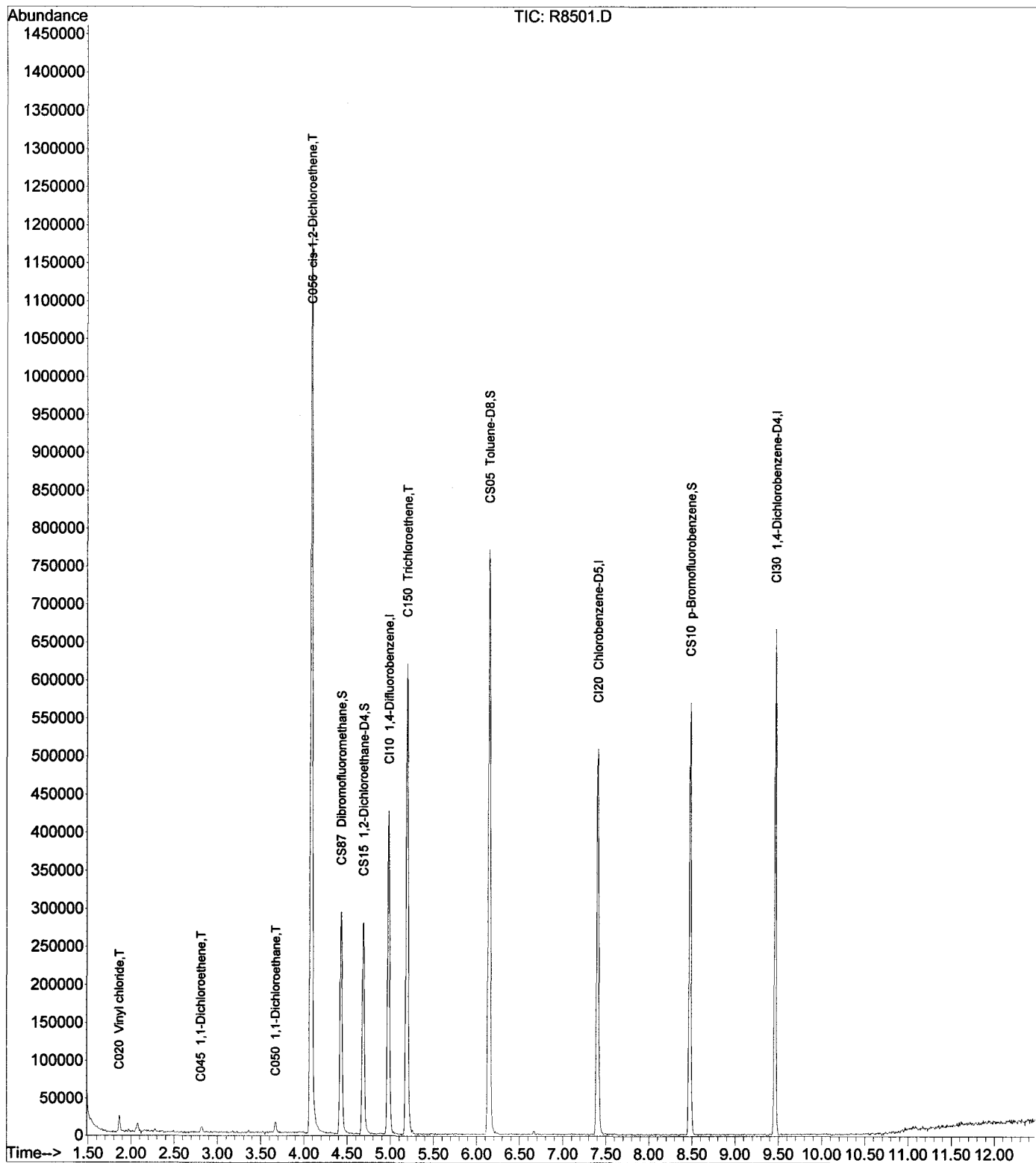
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	2500	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	500	U
100-42-5-----Styrene	500	U
79-34-5-----1,1,2,2-Tetrachloroethane	500	U
127-18-4-----Tetrachloroethene	500	U
108-88-3-----Toluene	500	U
120-82-1-----1,2,4-Trichlorobenzene	500	U
71-55-6-----1,1,1-Trichloroethane	500	U
79-00-5-----1,1,2-Trichloroethane	500	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	500	U
75-69-4-----Trichlorofluoromethane	500	U
79-01-6-----Trichloroethene	3200	
75-01-4-----Vinyl chloride	280	J
1330-20-7-----Total Xylenes	1500	U

Data File : H:\GCMS_VOA\R\041406\R8501.D
Acq On : 14 Apr 2006 13:38
Sample : A6392403 DF100 B
Misc :
MS Integration Params: RTEINT.P

Vial: 5
Operator: TRB
Inst : HP5973R
Multiplr: 1.00

Quant Time: Apr 14 16:16:16 2006 Results File: A6I001371_E2.RES
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Apr 14 12:20:18 2006
Response via : Initial Calibration
DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041406\R8501.D

Acq On : 14 Apr 2006 13:38

Sample : A6392403 DF100 B

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 16:16:16 2006

Vial: 5

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

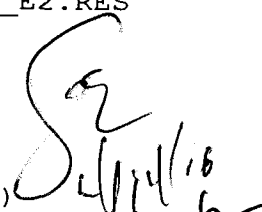
Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)



Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

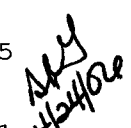
1) CI10	1,4-Difluorobenzene	4.98	114	299790	125.00 ng	0.00
						87.77%
43) CI20	Chlorobenzene-D5	7.40	117	274164	125.00 ng	0.00
						82.00%
62) CI30	1,4-Dichlorobenzene-	9.46	152	147919	125.00 ng	0.00
						63.02%

System Monitoring Compounds

30) CS87	Dibromofluoromethane	4.43	111	167943	128.45 ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	= 102.76%
31) CS15	1,2-Dichloroethane-D	4.69	65	206816	130.19 ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	= 104.15%
44) CS05	Toluene-D8	6.14	98	485925	111.79 ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	= 89.43%
61) CS10	p-Bromofluorobenzene	8.47	174	151977	101.80 ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	= 81.44%

Target Compounds

						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.86	62	17099	13.86 ng	83
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.81	96	2476	2.65 ng	# 67
9) C030	Methylene chloride	3.18	84	766	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.87	43	1196	N.D.	
14) C300	Acetonitrile	3.05	41	192	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	3.36	96	1037	N.D.	
19) C255	Methyl Acetate	3.11	43	217	N.D.	
20) C050	1,1-Dichloroethane	3.67	63	12838	5.80 ng	97
21) C125	Vinyl Acetate	3.68	43	251	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroethe	4.08	96	479228	342.14 ng	92
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	4.31	83	920	N.D.	
27) C115	1,1,1-Trichloroeth	4.44	97	1142	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	4.72	78	402	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	5.19	95	206714	160.13 ng	95
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	



Data File : H:\GCMS_VOA\R\041406\R8501.D

Vial: 5

Acq On : 14 Apr 2006 13:38

Operator: TRB

Sample : A6392403 DF100 B

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 16:16:16 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

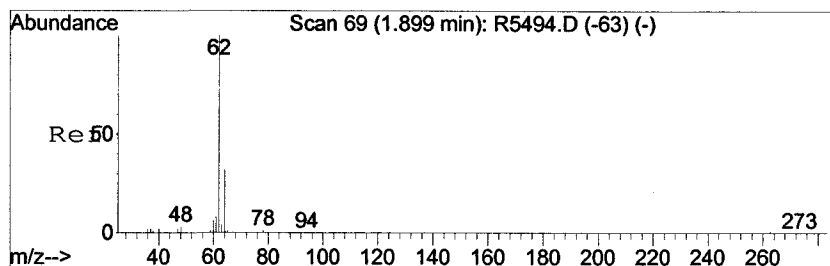
IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	5.20	83	2497	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.21	92	382	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.15	43	2406	N.D.		
50) C220	Tetrachloroethene	6.67	166	711	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.50	91	479	N.D.		
58) C246	m,p-Xylene	7.60	106	190	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	8.67	91	517	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.82	105	199	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	9.16	105	184	N.D.		
75) C308	sec-Butylbenzene	9.16	105	184	N.D.		
76) C260	1,3-Dichlorobenzen	9.41	146	211	N.D.		
77) C309	4-Isopropyltoluene	9.11	119	239	N.D.		
78) C267	1,4-Dichlorobenzen	9.48	146	299	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

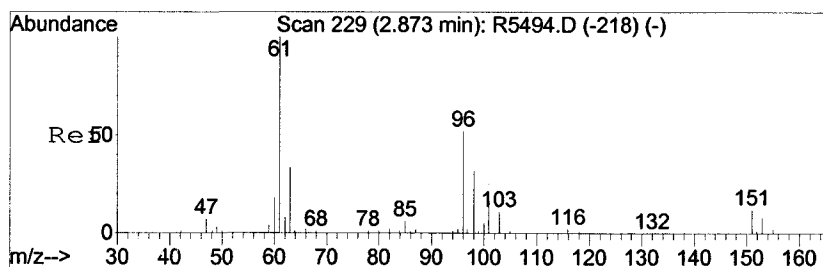
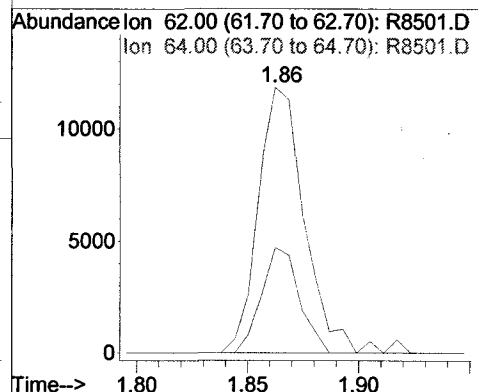
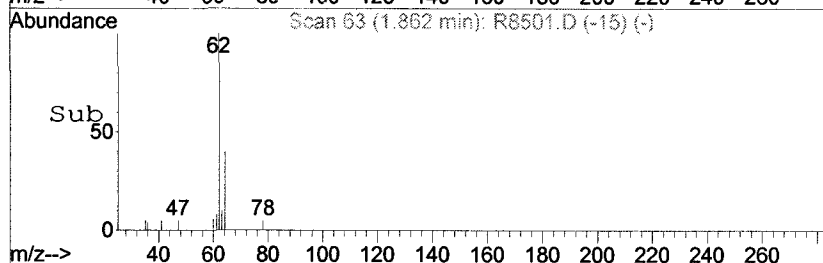
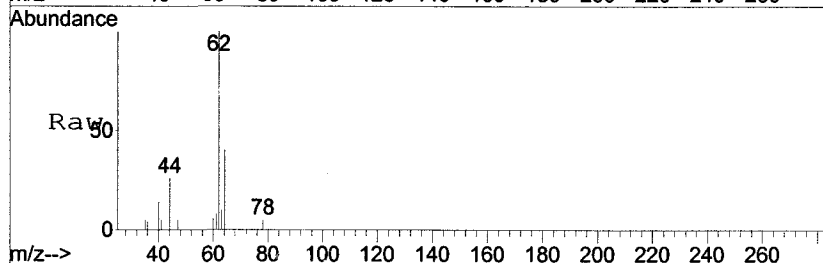
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A6
424102



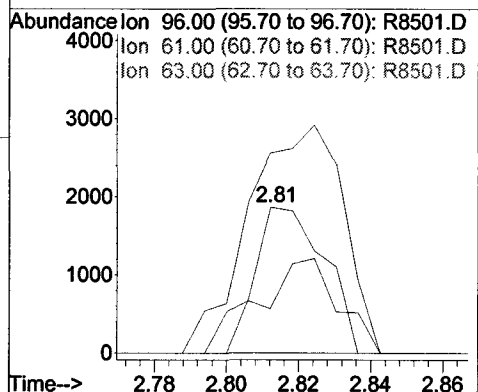
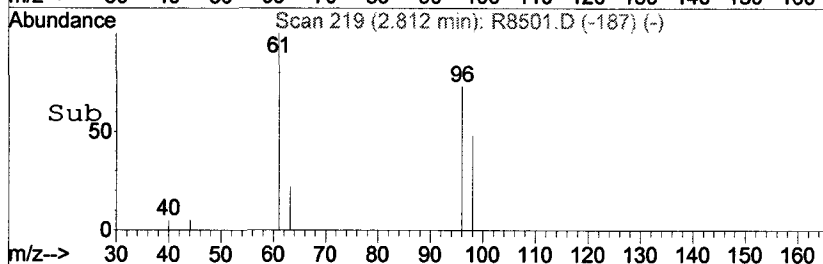
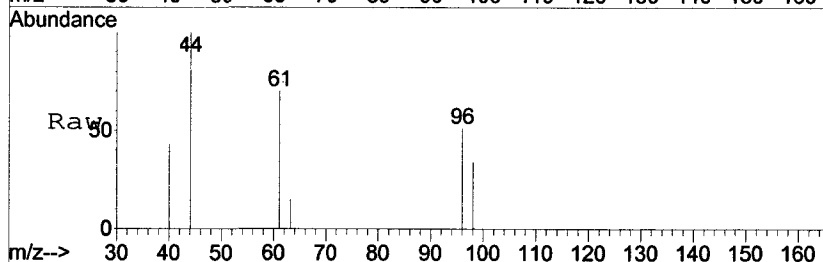
#4
C020 Vinyl chloride
Concen: 13.86 ng
RT: 1.86 min Scan# 63
Delta R.T. -0.01 min
Lab File: R8501.D
Acq: 14 Apr 2006 13:38

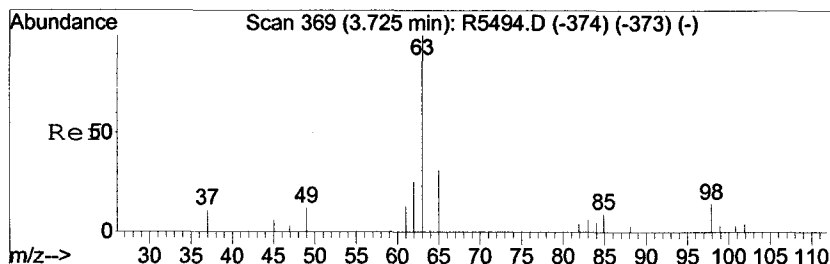
Tgt Ion	Ratio	Lower	Upper
62	100		
64	39.7	10.4	50.4



#8
C045 1,1-Dichloroethene
Concen: 2.65 ng
RT: 2.81 min Scan# 219
Delta R.T. -0.01 min
Lab File: R8501.D
Acq: 14 Apr 2006 13:38

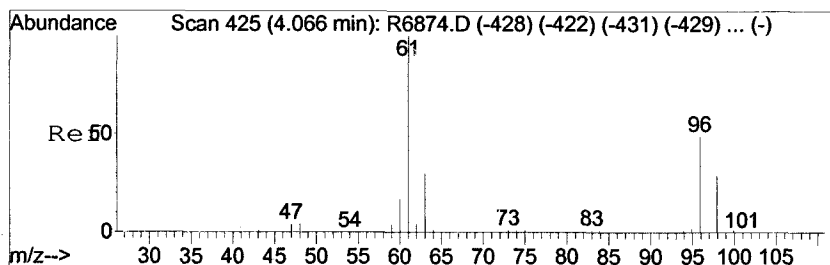
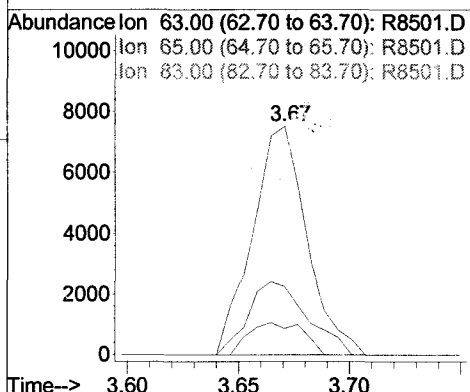
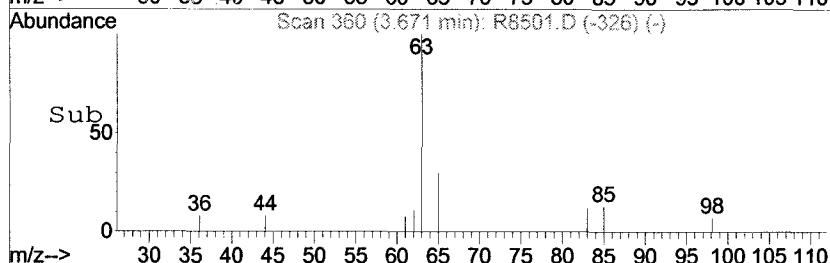
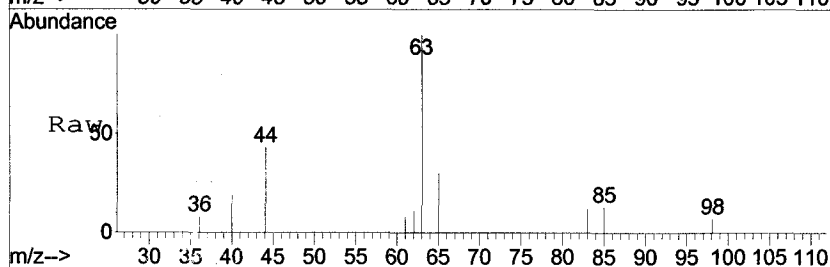
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.3	162.4	202.4#
63	30.3	37.5	77.5#





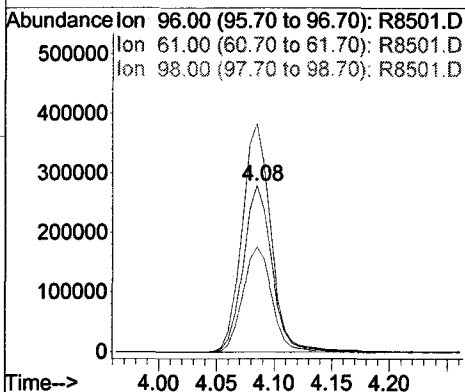
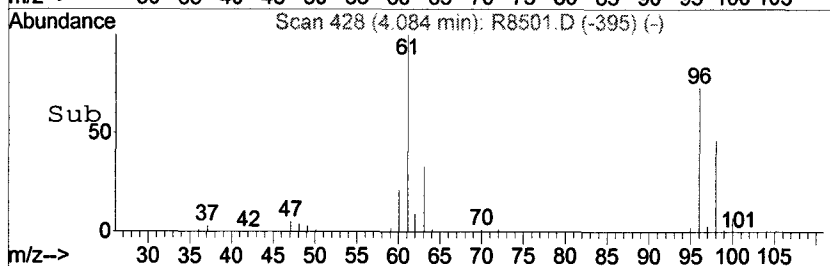
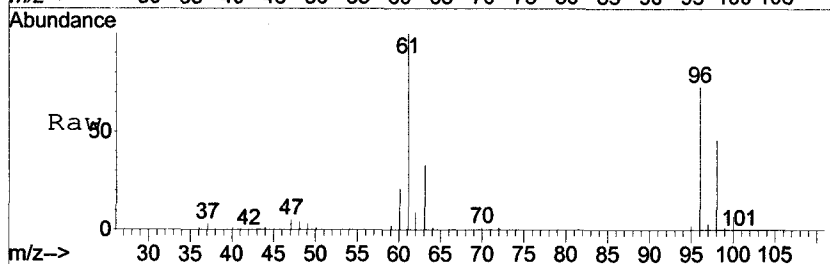
#20
C050 1,1-Dichloroethane
Concen: 5.80 ng
RT: 3.67 min Scan# 360
Delta R.T. 0.01 min
Lab File: R8501.D
Acq: 14 Apr 2006 13:38

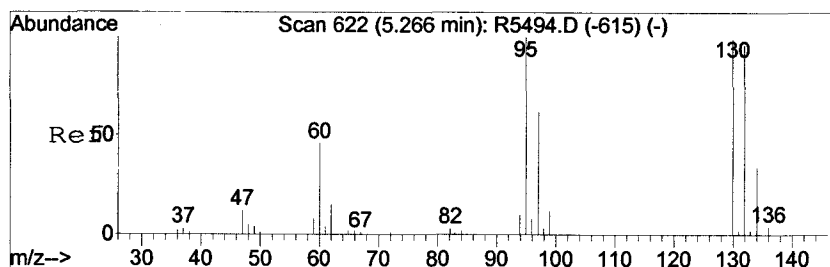
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.2	8.9	48.9
83	11.6	0.0	33.6



#23
C056 cis-1,2-Dichloroethene
Concen: 342.14 ng
RT: 4.08 min Scan# 428
Delta R.T. -0.00 min
Lab File: R8501.D
Acq: 14 Apr 2006 13:38

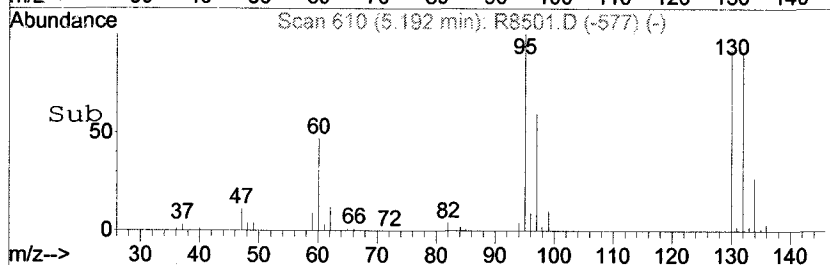
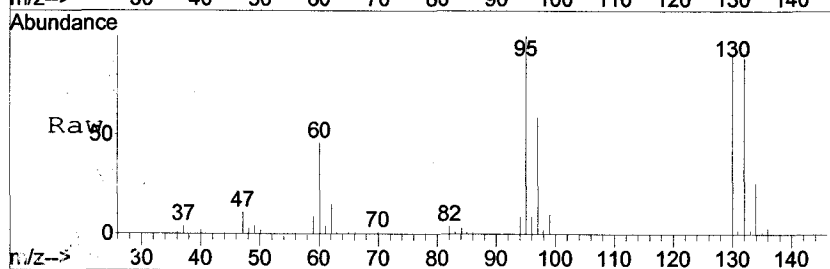
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.2	107.1	147.1
98	62.9	49.1	89.1



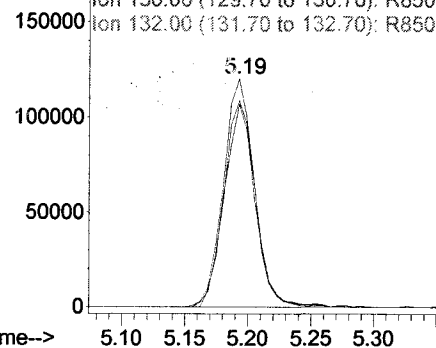


#36
 C150 Trichloroethene
 Concen: 160.13 ng
 RT: 5.19 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: R8501.D
 Acq: 14 Apr 2006 13:38

Tgt Ion	Ratio	Lower	Upper
95	100		
130	90.4	76.8	116.8
132	88.9	73.1	113.1



Abundance Ion 95.00 (94.70 to 95.70): R8501.D
 Ion 130.00 (129.70 to 130.70): R8501.D
 Ion 132.00 (131.70 to 132.70): R8501.D



EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

127/219

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392404

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8475.RR

Level: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5---	cis-1,3-Dichloropropene	5.0	U
10061-02-6---	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392404Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8475.RRLevel: (low/med) LOWDate Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-10-1-----	4-Methyl-2-pentanone		25	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)		5.0	U
100-42-5-----	Styrene		5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane		5.0	U
127-18-4-----	Tetrachloroethene		5.0	U
108-88-3-----	Toluene		5.0	U
120-82-1-----	1,2,4-Trichlorobenzene		5.0	U
71-55-6-----	1,1,1-Trichloroethane		5.0	U
79-00-5-----	1,1,2-Trichloroethane		5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		5.0	U
75-69-4-----	Trichlorofluoromethane		5.0	U
79-01-6-----	Trichloroethene		5.0	U
75-01-4-----	Vinyl chloride		5.0	U
1330-20-7-----	Total Xylenes		15	U

Data File : H:\GCMS_VOA\R\041306\R8475.D

Acq On : 14 Apr 2006 00:39

Sample : A6392404

Misc :

MS Integration Params: RTEINT.P

Vial: 7

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:47:00 2006

Results File: A6I001371_E2.RES

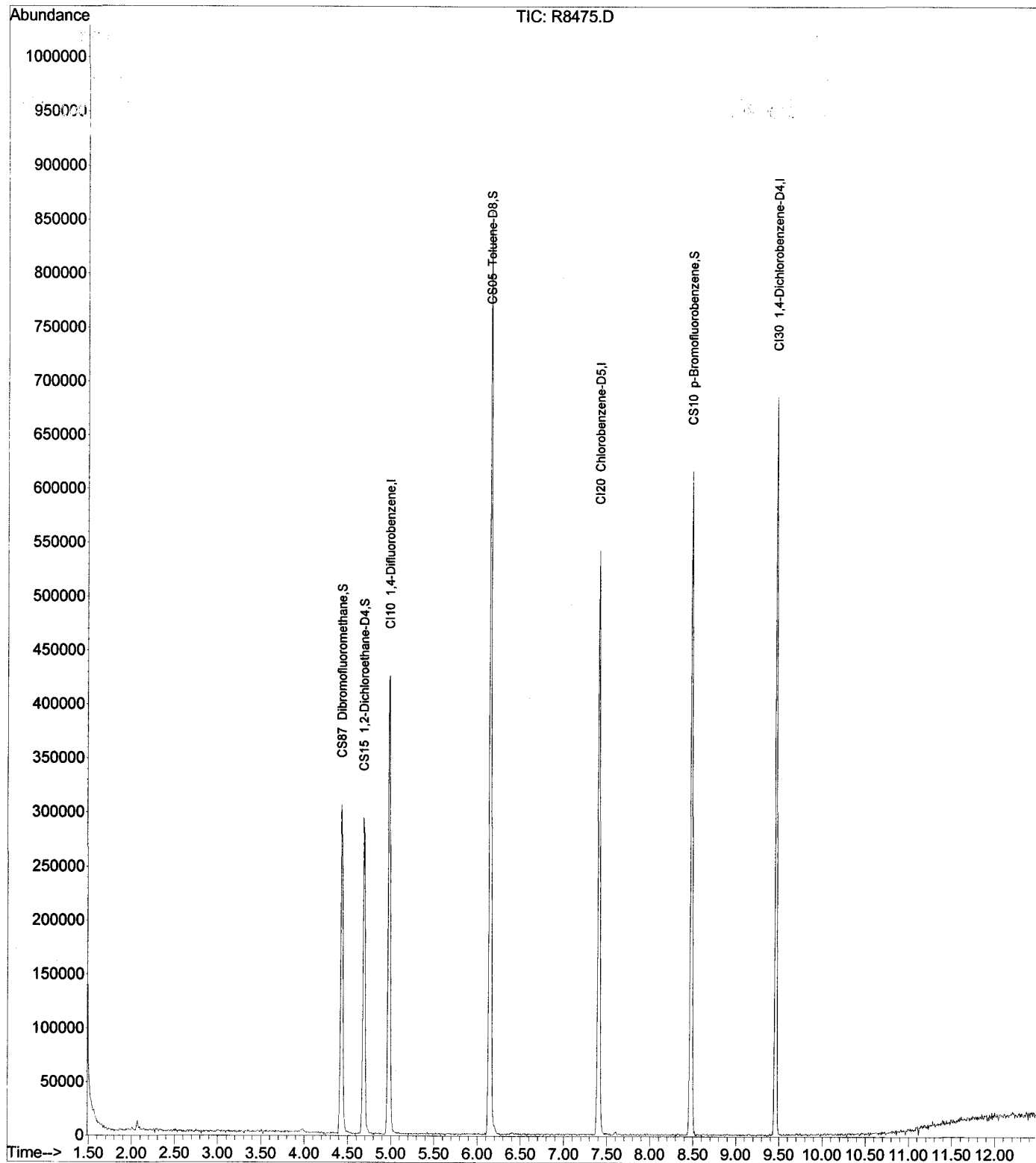
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8475.D

Acq On : 14 Apr 2006 00:39

Sample : A6392404

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:00 2006

Vial: 7

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Clean
res
4/14/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

1) CI10 1,4-Difluorobenzene	4.98	114	303801	125.00	ng	0.00	89.48%
43) CI20 Chlorobenzene-D5	7.40	117	285034	125.00	ng	0.00	86.01%
62) CI30 1,4-Dichlorobenzene-	9.46	152	154775	125.00	ng	0.00	68.11%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	168570	127.22	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	101.78%	
31) CS15 1,2-Dichloroethane-D	4.68	65	213554	132.66	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	106.13%	
44) CS05 Toluene-D8	6.14	98	513243	113.57	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	90.86%	
61) CS10 p-Bromofluorobenzene	8.47	174	169008	108.89	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	87.11%	

Target Compounds

					Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.	
3) C010 Chloromethane	1.81	50	202	N.D.	
4) C020 Vinyl chloride	0.00	62	0	N.D.	
5) C015 Bromomethane	2.14	94	213	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluoromet	0.00	101	0	N.D.	
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030 Methylene chloride	0.00	84	0	N.D.	
10) C040 Carbon disulfide	3.01	76	1503	N.D.	
11) C036 Acrolein	0.00	56	0	N.D.	
12) C038 Acrylonitrile	0.00	53	0	N.D.	
13) C035 Acetone	2.87	43	437	N.D.	
14) C300 Acetonitrile	0.00	41	0	N.D.	
15) C276 Iodomethane	0.00	142	0	N.D.	
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255 Methyl Acetate	0.00	43	0	N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	3.67	43	191	N.D.	
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
26) C060 Chloroform	0.00	83	0	N.D.	
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120 Carbon tetrachlori	0.00	117	0	N.D.	
29) C116 1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165 Benzene	0.00	78	0	N.D.	
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110 2-Butanone	0.00	43	0	N.D.	
35) C256 Cyclohexane	0.00	56	0	N.D.	
36) C150 Trichloroethene	0.00	95	0	N.D.	
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.	

MS
4/14/06

Data File : H:\GCMS_VOA\R\041306\R8475.D

Acq On : 14 Apr 2006 00:39

Sample : A6392404

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:00 2006

Vial: 7

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.20	92	1788	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.14	43	1661	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.50	91	1078	N.D.	
58) C246	m,p-Xylene	7.60	106	955	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	8.67	91	397	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	8.83	105	183	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	9.15	105	730	N.D.	
75) C308	sec-Butylbenzene	9.28	105	248	N.D.	
76) C260	1,3-Dichlorobenzen	9.48	146	440	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.48	146	440	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	9.72	91	389	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8R

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392405Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8502.RRLevel: (low/med) LOWDate Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 200.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5000	U
71-43-2-----	Benzene	1000	U
75-27-4-----	Bromodichloromethane	1000	U
75-25-2-----	Bromoform	1000	U
74-83-9-----	Bromomethane	1000	U
78-93-3-----	2-Butanone	5000	U
75-15-0-----	Carbon Disulfide	1000	U
56-23-5-----	Carbon Tetrachloride	1000	U
108-90-7-----	Chlorobenzene	1000	U
75-00-3-----	Chloroethane	220	J
67-66-3-----	Chloroform	1000	U
74-87-3-----	Chloromethane	1000	U
110-82-7-----	Cyclohexane	1000	U
106-93-4-----	1,2-Dibromoethane	1000	U
124-48-1-----	Dibromochloromethane	1000	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1000	U
95-50-1-----	1,2-Dichlorobenzene	1000	U
541-73-1-----	1,3-Dichlorobenzene	1000	U
106-46-7-----	1,4-Dichlorobenzene	1000	U
75-71-8-----	Dichlorodifluoromethane	1000	U
75-34-3-----	1,1-Dichloroethane	200	J
107-06-2-----	1,2-Dichloroethane	1000	U
75-35-4-----	1,1-Dichloroethene	1000	U
156-59-2-----	cis-1,2-Dichloroethene	7400	
156-60-5-----	trans-1,2-Dichloroethene	1000	U
78-87-5-----	1,2-Dichloropropane	1000	U
10061-01-5----	cis-1,3-Dichloropropene	1000	U
10061-02-6----	trans-1,3-Dichloropropene	1000	U
100-41-4-----	Ethylbenzene	1000	U
591-78-6-----	2-Hexanone	5000	U
98-82-8-----	Isopropylbenzene	1000	U
79-20-9-----	Methyl acetate	1000	U
108-87-2-----	Methylcyclohexane	1000	U
75-09-2-----	Methylene chloride	1000	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8R

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392405Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8502.RRLevel: (low/med) LOWDate Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/14/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 200.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5000	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	1000	U
100-42-5-----	Styrene	1000	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1000	U
127-18-4-----	Tetrachloroethene	1000	U
108-88-3-----	Toluene	1000	U
120-82-1-----	1,2,4-Trichlorobenzene	1000	U
71-55-6-----	1,1,1-Trichloroethane	1000	U
79-00-5-----	1,1,2-Trichloroethane	1000	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	U
75-69-4-----	Trichlorofluoromethane	1000	U
79-01-6-----	Trichloroethene	14000	
75-01-4-----	Vinyl chloride	1200	
1330-20-7-----	Total Xylenes	3000	U

Data File : H:\GCMS_VOA\R\041406\R8502.D

Acq On : 14 Apr 2006 14:01

Sample : A6392405 DF200 B

Misc :

MS Integration Params: RTEINT.P

Vial: 6

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 16:16:20 2006

Results File: A6I001371_E2.RES

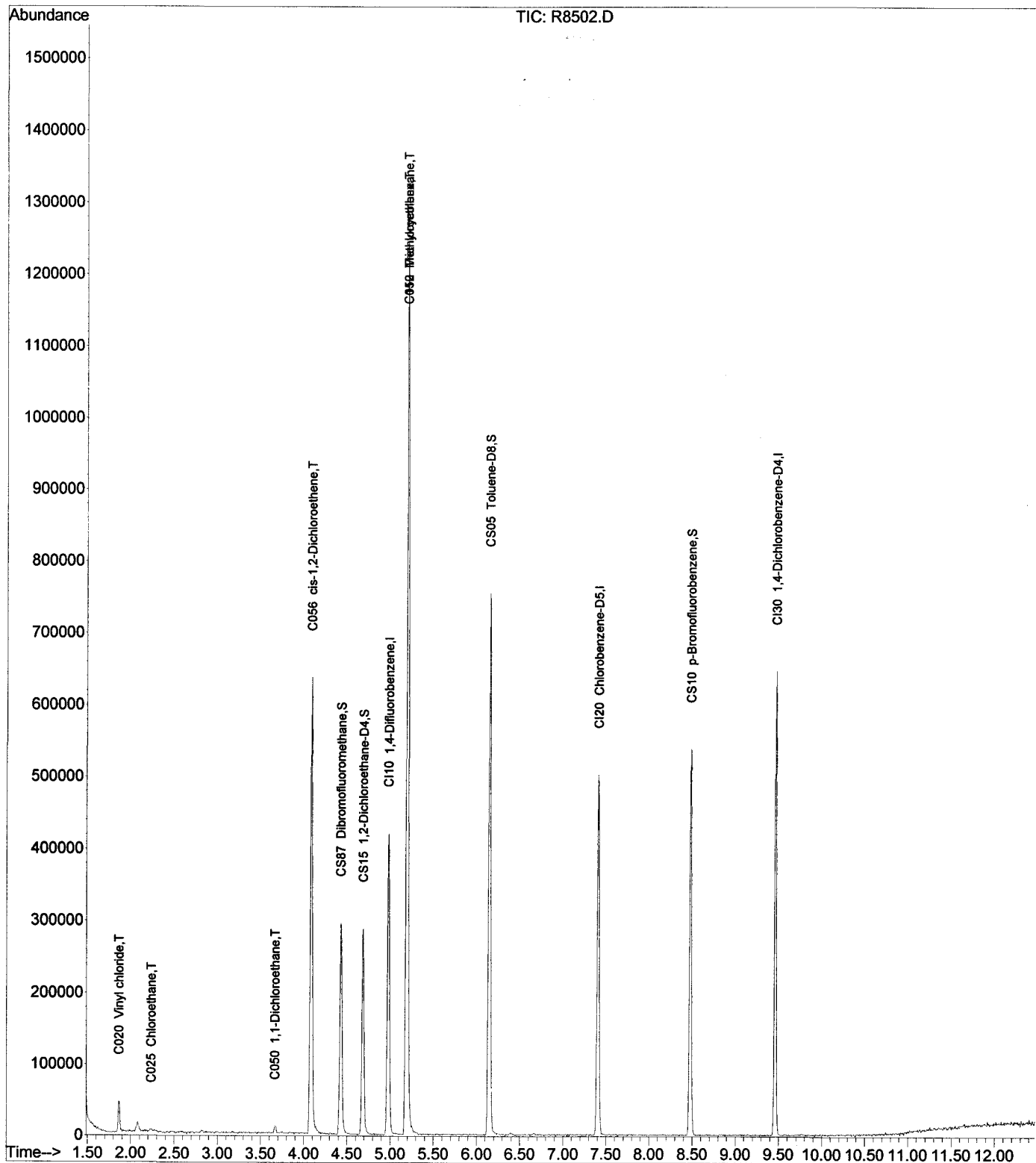
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041406\R8502.D

Acq On : 14 Apr 2006 14:01

Sample : A6392405 DF200 B

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 16:16:20 2006

Vial: 6

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards

R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

1) CI10	1,4-Difluorobenzene	4.98	114	291094	125.00 ng	0.00
						85.23%
43) CI20	Chlorobenzene-D5	7.40	117	274765	125.00 ng	0.00
						82.18%
62) CI30	1,4-Dichlorobenzene-	9.46	152	150086	125.00 ng	0.00
						63.94%

System Monitoring Compounds

30) CS87	Dibromofluoromethane	4.43	111	167087	131.61 ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	= 105.29%
31) CS15	1,2-Dichloroethane-D	4.69	65	205808	133.43 ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	= 106.74%
44) CS05	Toluene-D8	6.14	98	483976	111.10 ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	= 88.88%
61) CS10	p-Bromofluorobenzene	8.48	174	151535	101.28 ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	= 81.02%

Target Compounds

						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.86	62	35341	29.50 ng	97
5) C015	Bromomethane	2.16	94	237	N.D.	
6) C025	Chloroethane	2.23	64	4020	5.54 ng	94
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.83	96	1147	N.D.	
9) C030	Methylene chloride	3.17	84	989	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.86	43	273	N.D.	
14) C300	Acetonitrile	3.01	41	184	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	3.36	96	195	N.D.	
19) C255	Methyl Acetate	3.07	43	263	N.D.	
20) C050	1,1-Dichloroethane	3.66	63	10513	4.89 ng	91
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroethe	4.08	96	252516	185.67 ng	97
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	4.31	83	1271	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	4.71	78	1022	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	4.09	43	393	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	5.19	95	428685	341.99 ng	95
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	

Data File : H:\GCMS_VOA\R\041406\R8502.D

Vial: 6

Acq On : 14 Apr 2006 14:01

Operator: TRB

Sample : A6392405 DF200 B

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 16:16:20 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

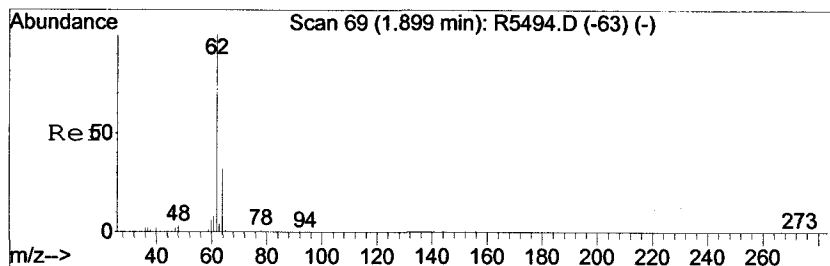
IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	5.19	83	5255	3.16 ng	# 1
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.14	43	1693	N.D.	
50) C220	Tetrachloroethene	6.67	166	209	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	7.43	112	409	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.40	91	188	N.D.	
58) C246	m,p-Xylene	7.61	106	183	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	8.67	91	771	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	8.82	105	387	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	9.14	105	251	N.D.	
75) C308	sec-Butylbenzene	9.29	105	183	N.D.	
76) C260	1,3-Dichlorobenzen	9.47	146	190	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.47	146	190	N.D.	
79) C249	1,2-Dichlorobenzen	9.78	146	218	N.D.	
80) C310	n-Butylbenzene	9.71	91	450	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

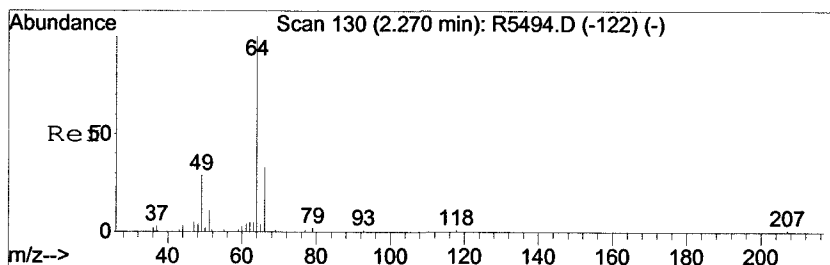
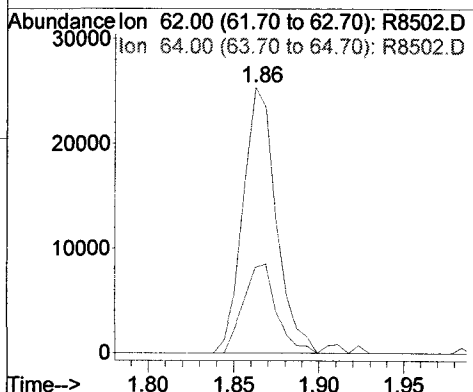
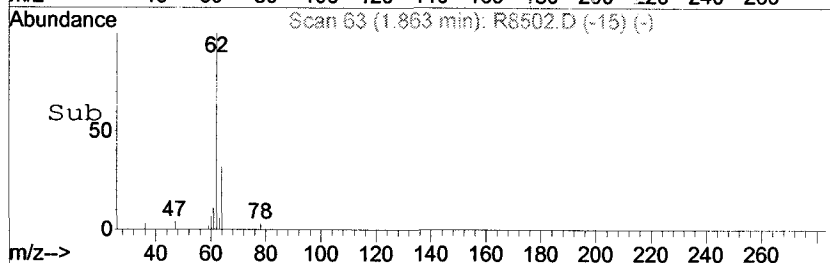
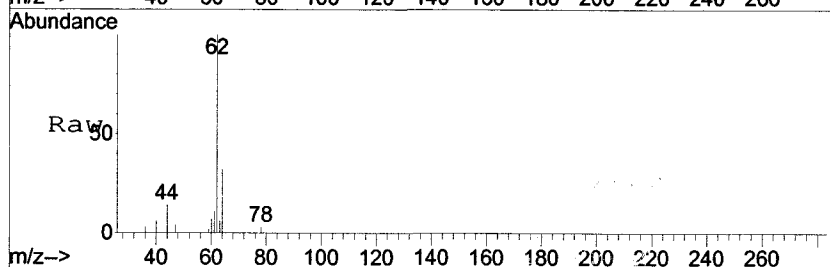
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288
4/24/06



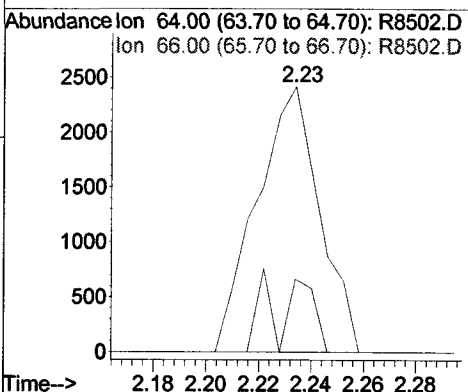
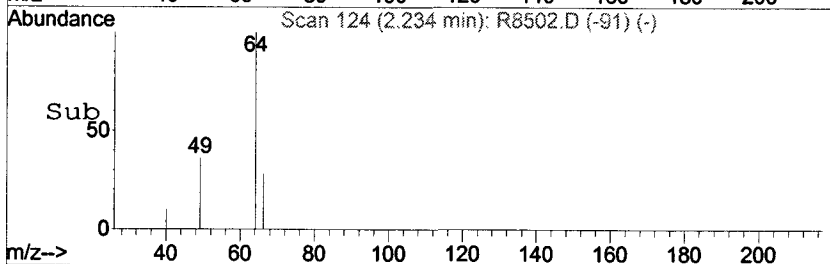
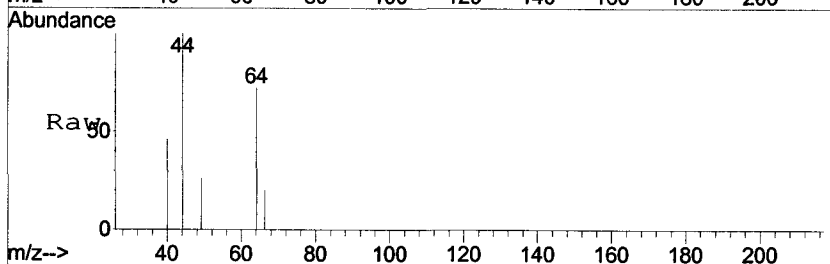
#4
C020 Vinyl chloride
Concen: 29.50 ng
RT: 1.86 min Scan# 63
Delta R.T. -0.01 min
Lab File: R8502.D
Acq: 14 Apr 2006 14:01

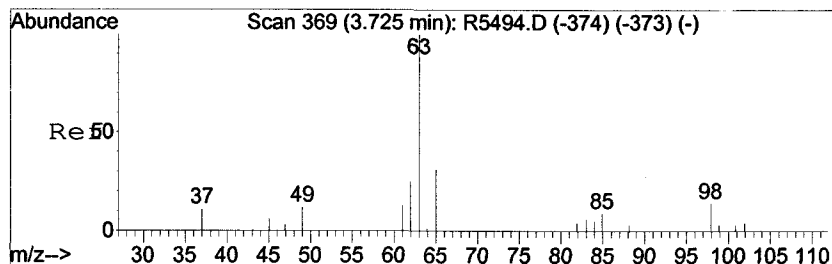
Tgt Ion: 62 Resp: 35341
Ion Ratio Lower Upper
62 100
64 32.1 10.4 50.4



#6
C025 Chloroethane
Concen: 5.54 ng
RT: 2.23 min Scan# 124
Delta R.T. 0.00 min
Lab File: R8502.D
Acq: 14 Apr 2006 14:01

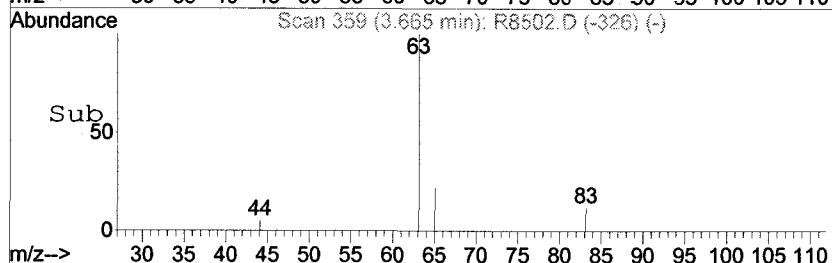
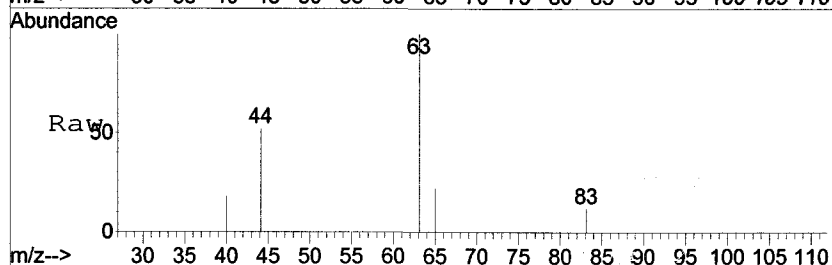
Tgt Ion: 64 Resp: 4020
Ion Ratio Lower Upper
64 100
66 27.6 10.6 50.6



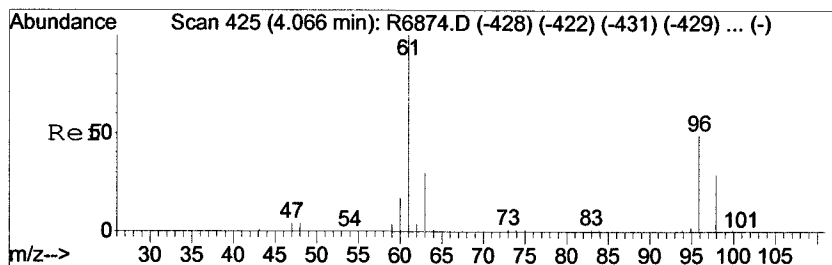
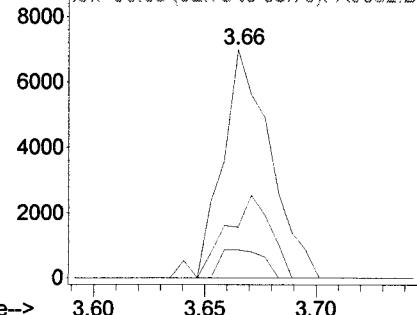


#20
C050 1,1-Dichloroethane
Concen: 4.89 ng
RT: 3.66 min Scan# 359
Delta R.T. 0.00 min
Lab File: R8502.D
Acq: 14 Apr 2006 14:01

Tgt Ion: 63 Resp: 10513
Ion Ratio Lower Upper
63 100
65 22.3 8.9 48.9
83 12.3 0.0 33.6

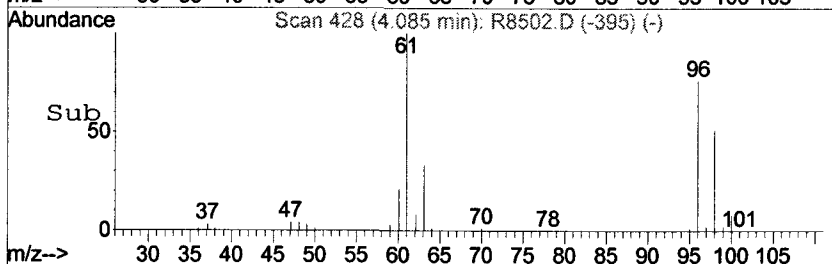
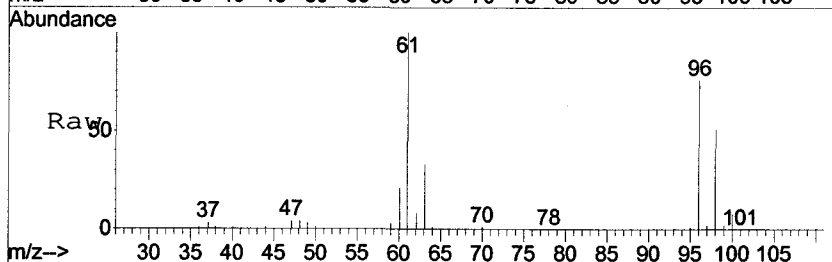


Abundance Ion 63.00 (62.70 to 63.70): R8502.D
Ion 65.00 (64.70 to 65.70): R8502.D
Ion 83.00 (82.70 to 83.70): R8502.D

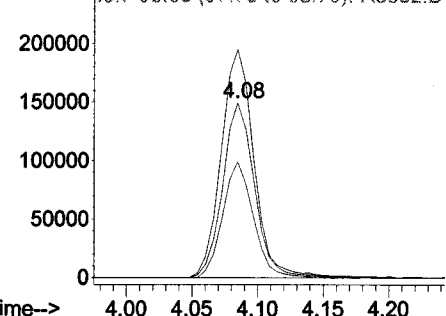


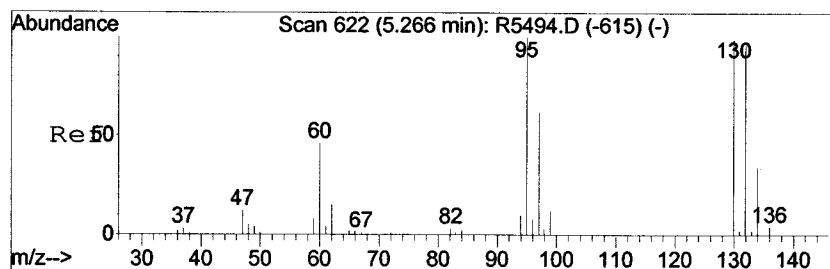
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C056 cis-1,2-Dichloroethene
Concen: 185.67 ng
RT: 4.08 min Scan# 428
Delta R.T. 0.00 min
Lab File: R8502.D
Acq: 14 Apr 2006 14:01

Tgt Ion: 96 Resp: 252516
Ion Ratio Lower Upper
96 100
61 130.8 107.1 147.1
98 66.2 49.1 89.1



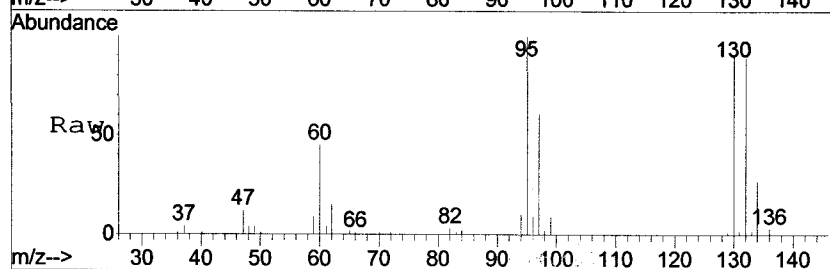
Abundance Ion 96.00 (95.70 to 96.70): R8502.D
Ion 61.00 (60.70 to 61.70): R8502.D
Ion 98.00 (97.70 to 98.70): R8502.D





#36
 C150 Trichloroethene
 Concen: 341.99 ng
 RT: 5.19 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: R8502.D
 Acq: 14 Apr 2006 14:01

Tgt Ion	Ratio	Lower	Upper
95	100		
130	90.3	76.8	116.8
132	89.4	73.1	113.1

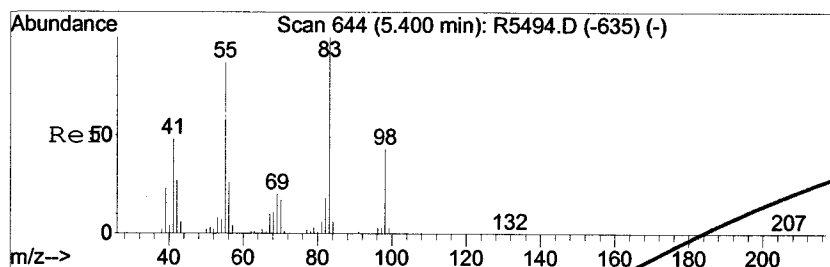
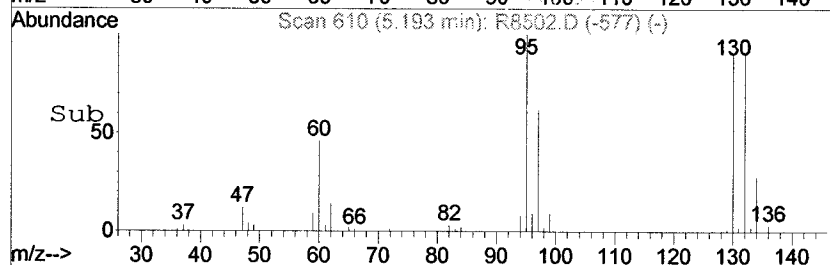
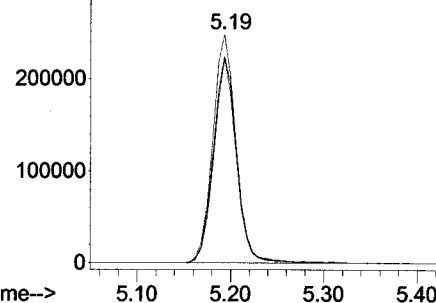


Abundance

Ion 95.00 (94.70 to 95.70): R8502.D

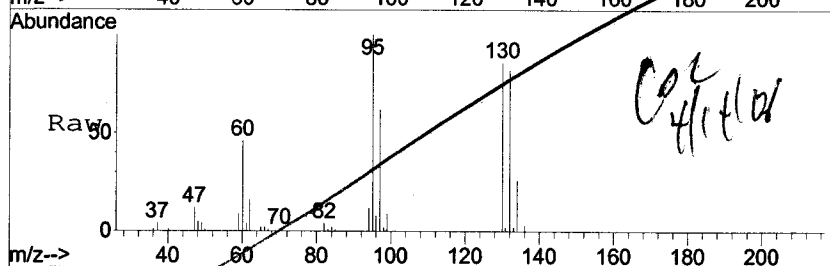
Ion 130.00 (129.70 to 130.70): R8502.D

Ion 132.00 (131.70 to 132.70): R8502.D



#41
 C012 Methylcyclohexane
 Concen: 3.16 ng
 RT: 5.19 min Scan# 609
 Delta R.T. -0.13 min
 Lab File: R8502.D
 Acq: 14 Apr 2006 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.3	112.9#
98	171.6	36.9	55.3#

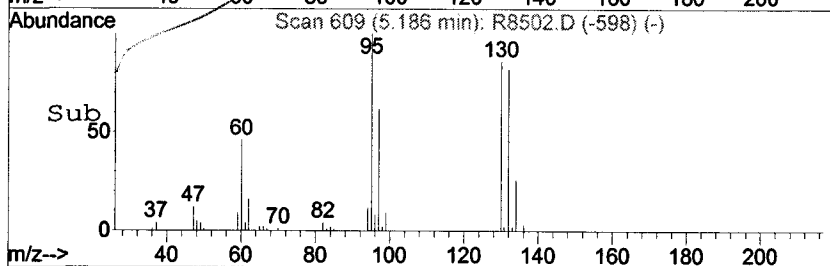
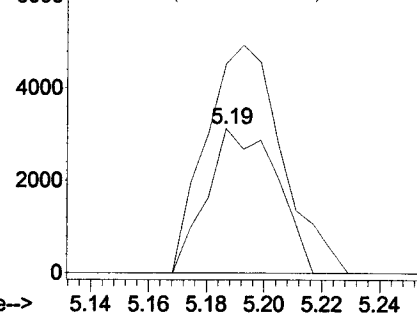


Abundance

Ion 83.00 (82.70 to 83.70): R8502.D

Ion 55.00 (54.70 to 55.70): R8502.D

Ion 98.00 (97.70 to 98.70): R8502.D



EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

140/219

Client No.

RINSE BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392411

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8482.RR

Level: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

141/219

Client No.

RINSE BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6392411

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: R8482.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	25	U
1634-04-4----Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----Styrene	5.0	U
79-34-5-----1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----Tetrachloroethene	5.0	U
108-88-3-----Toluene	5.0	U
120-82-1-----1,2,4-Trichlorobenzene	5.0	U
71-55-6-----1,1,1-Trichloroethane	5.0	U
79-00-5-----1,1,2-Trichloroethane	5.0	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----Trichlorofluoromethane	5.0	U
79-01-6-----Trichloroethene	5.0	U
75-01-4-----Vinyl chloride	5.0	U
1330-20-7-----Total Xylenes	15	U

Data File : H:\GCMS_VOA\R\041306\R8482.D

Acq On : 14 Apr 2006 3:18

Sample : A6392411

Misc :

MS Integration Params: RTEINT.P

Vial: 14

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:47:24 2006

Results File: A6I001371_E2.RES

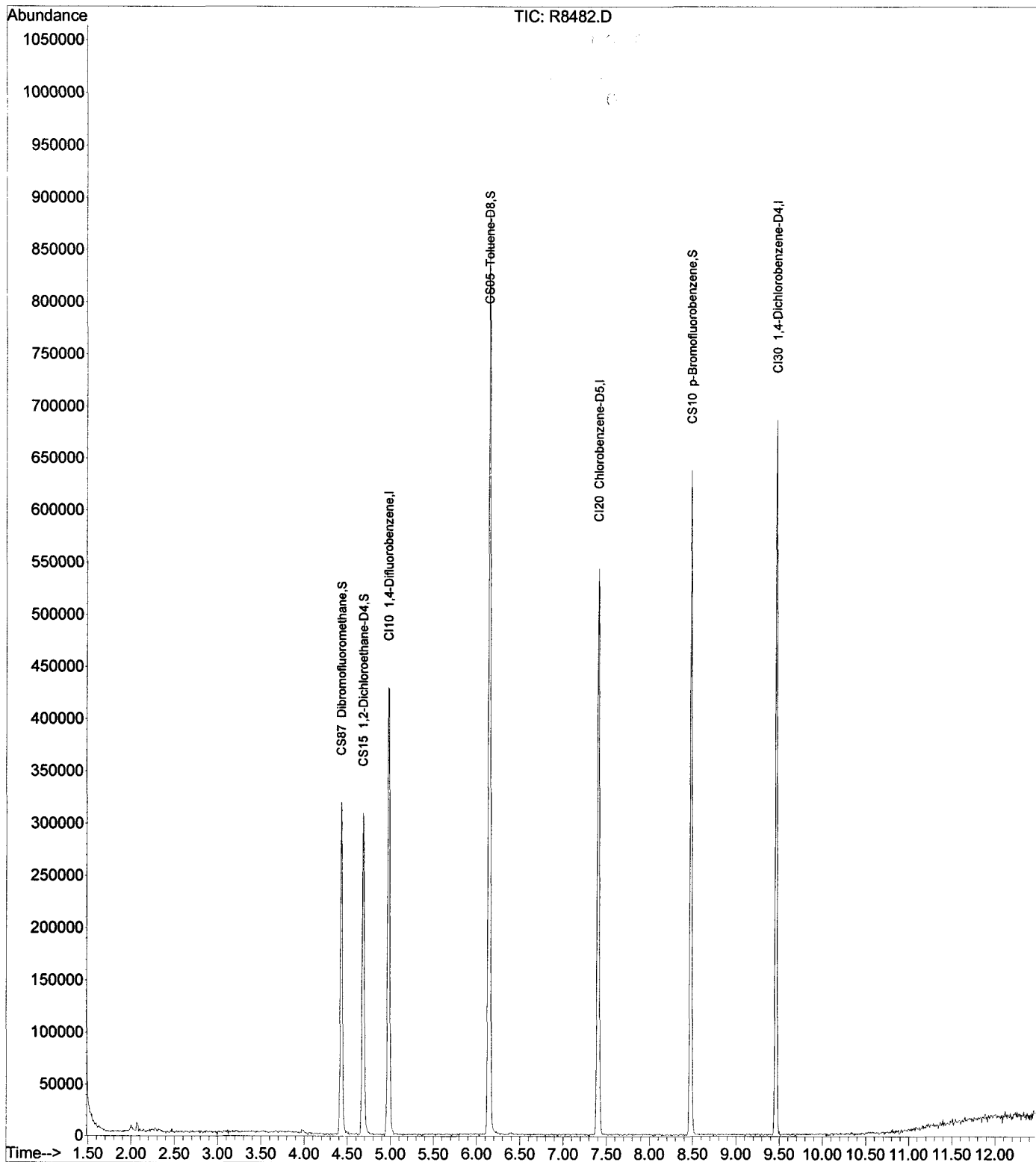
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8482.D

Vial: 14

Acq On : 14 Apr 2006 3:18

Operator: CDC

Sample : A6392411

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:24 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

1) CI10 1,4-Difluorobenzene	4.97	114	311820	125.00	ng	0.00
						91.85%
43) CI20 Chlorobenzene-D5	7.40	117	296655	125.00	ng	0.00
						89.51%
62) CI30 1,4-Dichlorobenzene-	9.46	152	158417	125.00	ng	0.00
						69.71%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	176373	129.69	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	103.75%
31) CS15 1,2-Dichloroethane-D	4.68	65	218920	132.49	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery	=	105.99%
44) CS05 Toluene-D8	6.14	98	545121	115.90	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery	=	92.72%
61) CS10 p-Bromofluorobenzene	8.47	174	172471	106.77	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery	=	85.42%

Target Compounds

					Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.	
3) C010 Chloromethane	0.00	50	0	N.D.	
4) C020 Vinyl chloride	0.00	62	0	N.D.	
5) C015 Bromomethane	0.00	94	0	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluoromet	0.00	101	0	N.D.	
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030 Methylene chloride	0.00	84	0	N.D.	
10) C040 Carbon disulfide	3.00	76	458	N.D.	
11) C036 Acrolein	0.00	56	0	N.D.	
12) C038 Acrylonitrile	0.00	53	0	N.D.	
13) C035 Acetone	2.87	43	1105	N.D.	
14) C300 Acetonitrile	3.07	41	187	N.D.	
15) C276 Iodomethane	0.00	142	0	N.D.	
16) C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255 Methyl Acetate	3.10	43	187	N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	3.66	43	211	N.D.	
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
26) C060 Chloroform	0.00	83	0	N.D.	
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120 Carbon tetrachlori	0.00	117	0	N.D.	
29) C116 1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165 Benzene	0.00	78	0	N.D.	
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110 2-Butanone	4.08	43	641	N.D.	
35) C256 Cyclohexane	0.00	56	0	N.D.	
36) C150 Trichloroethene	0.00	95	0	N.D.	
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.	

Data File : H:\GCMS_VOA\R\041306\R8482.D

Vial: 14

Acq On : 14 Apr 2006 3:18

Operator: CDC

Sample : A6392411

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:47:24 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.20	92	264	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.15	43	1332	N.D.		
50) C220	Tetrachloroethene	6.67	166	211	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.41	91	211	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	8.67	91	225	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MS
4/24/06

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6392412Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8470.RRLevel: (low/med) LOWDate Samp/Recv: 04/12/2006 04/12/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

146/219

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6392412

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8470.RR

Level: (low/med) LOW Date Samp/Recv: 04/12/2006 04/12/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	5.0	U
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

Data File : H:\GCMS_VOA\R\041306\R8470.D

Acq On : 13 Apr 2006 22:46

Sample : A6392412

Misc :

MS Integration Params: RTEINT.P

Vial: 2

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 08:46:44 2006

Results File: A6I001371_E2.RES

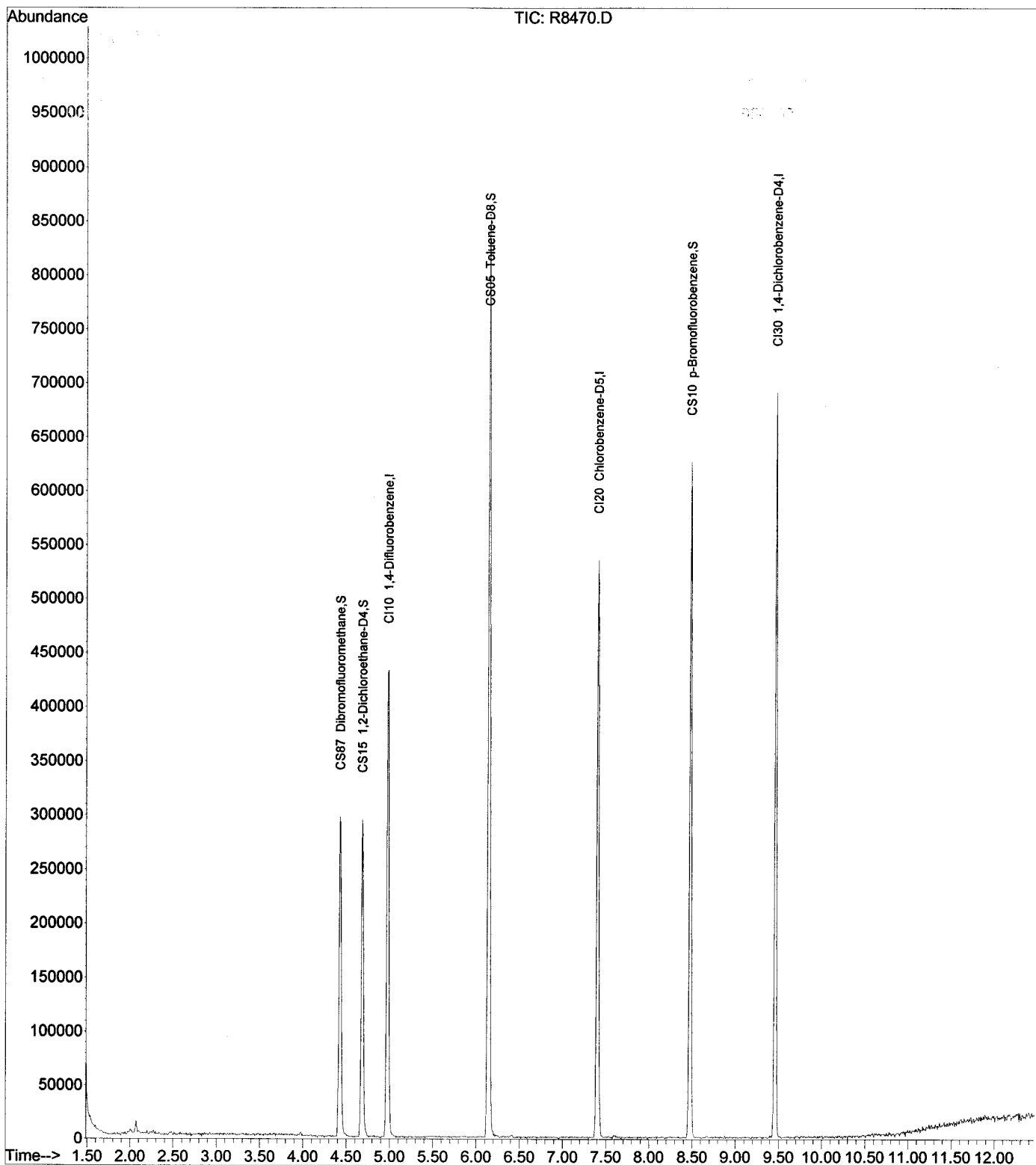
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8470.D

Acq On : 13 Apr 2006 22:46

Sample : A6392412

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:46:44 2006

Vial: 2

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

1) CI10	1,4-Difluorobenzene	4.98	114	314737	125.00	ng	0.00
							92.70%
43) CI20	Chlorobenzene-D5	7.40	117	292205	125.00	ng	0.00
							88.17%
62) CI30	1,4-Dichlorobenzene-	9.46	152	159269	125.00	ng	0.00
							70.08%

System Monitoring Compounds

30) CS87	Dibromofluoromethane	4.43	111	170789	124.42	ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	=	99.54%
31) CS15	1,2-Dichloroethane-D	4.68	65	210472	126.20	ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	=	100.96%
44) CS05	Toluene-D8	6.14	98	526820	113.71	ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	=	90.97%
61) CS10	p-Bromofluorobenzene	8.47	174	168020	105.60	ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	=	84.48%

Target Compounds

						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	2.17	94	194	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	0.00	84	0	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.86	43	302	N.D.	
14) C300	Acetonitrile	3.08	41	205	N.D.	
15) C276	Iodomethane	2.96	142	183	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	3.09	43	195	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	3.66	43	1100	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	0.00	83	0	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	4.08	43	1039	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	

Data File : H:\GCMS_VOA\R\041306\R8470.D

Vial: 2

Acq On : 13 Apr 2006 22:46

Operator: CDC

Sample : A6392412

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 08:46:44 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.14	43	2303	N.D.	
50) C220	Tetrachloroethene	6.66	166	187	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.40	91	558	N.D.	
58) C246	m,p-Xylene	7.59	106	228	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	8.67	91	1332	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	8.83	105	214	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	9.28	105	713	N.D.	
75) C308	sec-Butylbenzene	9.28	105	713	N.D.	
76) C260	1,3-Dichlorobenzen	9.40	146	208	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.47	146	897	N.D.	
79) C249	1,2-Dichlorobenzen	9.77	146	896	N.D.	
80) C310	n-Butylbenzene	9.72	91	447	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

(#)=qualifier out of range (m)=manual integration (+)=signals summed

AUG
4/24/06

Standards

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A6I0001371-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973R Calibration Dates(s): 04/13/2006 04/13/2006

Heated Purge (Y/N): N Calibration Times: 01:42 03:14

GC Column: DB-624 ID: 0.25 (mm)

Lab File ID:	RRF1 = <u>R8432.RR</u>	RRF10 = <u>R8431.RR</u>
RRF25 = <u>R8430.RR</u>	RRF50 = <u>R8429.RR</u>	RRF100 = <u>R8428.RR</u>

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.548	0.502	0.522	0.495	0.506	0.5140	4.100
Bromomethane	0.464	0.388	0.365	0.333	0.239	0.3580	23.000
Vinyl chloride	0.538	0.525	0.529	0.497	0.483	0.5140	4.500
Chloroethane	0.331	0.317	0.309	0.308	0.294	0.3120	4.300
Methylene chloride	0.539	0.482	0.473	0.484	0.466	0.4890	5.900
Acetone	0.125	0.100	0.098	0.096	0.097	0.1030	11.900
Carbon Disulfide	1.627	1.484	1.420	1.407	1.347	1.4570	7.300
1,1-Dichloroethene	0.330	0.413	0.418	0.402	0.382	0.3890	9.200
1,1-Dichloroethane	0.978	0.909	0.928	0.912	0.891	0.9230	3.600
cis-1,2-Dichloroethene	0.620	0.581	0.599	0.568	0.553	0.5840	4.500
trans-1,2-Dichloroethene	0.479	0.472	0.474	0.458	0.430	0.4620	4.300
Chloroform	1.219	1.119	1.102	1.074	1.073	1.1170	5.400
1,2-Dichloroethane	0.835	0.807	0.762	0.772	0.788	0.7930	3.700
2-Butanone	0.179	0.174	0.175	0.169	0.159	0.1710	4.400
1,1,1-Trichloroethane	0.926	0.943	0.937	0.919	0.945	0.9340	1.200
Carbon Tetrachloride	0.756	0.766	0.754	0.759	0.773	0.7620	1.000
Bromodichloromethane	0.746	0.766	0.740	0.771	0.773	0.7590	2.000
1,2-Dichloropropane	0.513	0.525	0.517	0.515	0.513	0.5170	1.000
cis-1,3-Dichloropropene	0.777	0.810	0.829	0.843	0.858	0.8230	3.800
Trichloroethene	0.589	0.534	0.523	0.521	0.525	0.5380	5.300
Dibromochloromethane	0.568	0.515	0.520	0.521	0.514	0.5270	4.300
1,1,2-Trichloroethane	0.268	0.377	0.398	0.374	0.359	0.3550	14.300
Benzene	2.202	2.200	2.186	2.148	2.147	2.1770	1.200
trans-1,3-Dichloropropene	0.860	0.893	0.895	0.894	0.847	0.8780	2.600
Bromoform	0.560	0.537	0.545	0.551	0.564	0.5510	2.000
4-Methyl-2-pentanone	0.339	0.367	0.373	0.374	0.348	0.3600	4.300
2-Hexanone	0.220	0.239	0.249	0.260	0.251	0.2440	6.300
Tetrachloroethene	0.789	0.581	0.525	0.510	0.486	0.5780	21.200
1,1,2,2-Tetrachloroethane	1.002	0.918	0.916	0.911	0.906	0.9310	4.300
Toluene	1.341	1.463	1.433	1.423	1.348	1.4020	3.900
Chlorobenzene	1.659	1.529	1.495	1.488	1.428	1.5200	5.600
Ethylbenzene	2.614	2.642	2.628	2.660	2.576	2.6240	1.200
Styrene	1.469	1.658	1.703	1.690	1.639	1.6320	5.800
Total Xylenes	0.943	0.976	1.009	1.030	0.995	0.9900	3.300
1,1,2-Trichloro-1,2,2-trifl	0.419	0.379	0.345	0.336	0.326	0.3610	10.600
1,2,4-Trichlorobenzene	1.673	1.278	1.246	1.247	1.211	1.3310	14.500
1,2-Dibromo-3-chloropropane	0.235	0.202	0.199	0.213	0.206	0.2110	6.700

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A6I0001371-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973R Calibration Dates(s): 04/13/2006 04/13/2006

Heated Purge (Y/N): N Calibration Times: 01:42 03:14

GC Column: DB-624 ID: 0.25(mm)

Lab File ID:		RRF1	=	<u>R8432.RR</u>	RRF10	=	<u>R8431.RR</u>
RRF25 = <u>R8430.RR</u>		RRF50	=	<u>R8429.RR</u>	RRF100	=	<u>R8428.RR</u>
COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.442	0.448	0.449	0.443	0.430	0.4420	1.700
1,2-Dichlorobenzene	2.624	2.063	2.015	1.979	1.923	2.1210	13.500
1,3-Dichlorobenzene	2.861	2.003	1.870	1.828	1.726	2.0570	22.300
1,4-Dichlorobenzene	2.738	2.038	1.928	1.887	1.773	2.0730	18.500
Cyclohexane	0.774	0.778	0.744	0.743	0.725	0.7520	3.000
Dichlorodifluoromethane	0.532	0.487	0.478	0.470	0.477	0.4890	5.100
Methyl acetate	0.415	0.339	0.340	0.344	0.332	0.3540	9.700
Trichlorofluoromethane	0.870	0.816	0.823	0.811	0.826	0.8290	2.800
Methyl-t-Butyl Ether (MTBE)	1.420	1.314	1.300	1.308	1.255	1.3190	4.600
Isopropylbenzene	4.089	4.063	4.156	4.094	4.081	4.0970	0.900
Methylcyclohexane	0.790	0.729	0.691	0.685	0.677	0.7140	6.500
=====							
Toluene-D8	2.376	2.070	1.764	1.883	1.817	1.9820	12.600
p-Bromofluorobenzene	0.784	0.664	0.639	0.662	0.655	0.6810	8.600
1,2-Dichloroethane-D4	0.843	0.686	0.563	0.591	0.629	0.6620	16.700

Comments:

Method Path : C:\MSDCHEM\1\METHODS\8260_LOW\
 Method File : A6I001371_E2.M
 Title : 8260 5ML WATER
 Last Update : Thu Apr 13 07:04:50 2006
 Response Via : Initial Calibration

(A6I-1371)
 8260 Smol

Calibration Files

1 =R8432.D 2 =R8431.D 3 =R8430.D
 4 =R8429.D 5 =R8428.D

Compound	1	2	3	4	5	Avg	%RSD
1) I CI10 1,4-Difluoroben	-----ISTD-----						
2) T C290 Dichlorodifluor	0.532	0.487	0.478	0.470	0.477	0.489	5.07
3) T C010 Chloromethane	0.548	0.502	0.522	0.495	0.506	0.514	4.09
4) T C020 Vinyl chloride	0.538	0.525	0.529	0.497	0.483	0.514	4.54
5) T C015 Bromomethane	0.464	0.388	0.365	0.333	0.239	0.358	23.01
6) T C025 Chloroethane	0.331	0.317	0.309	0.308	0.294	0.312	4.31
7) T C275 Trichlorofluoro	0.870	0.816	0.823	0.811	0.826	0.829	2.84
8) T C045 1,1-Dichloroeth	0.330	0.413	0.418	0.402	0.382	0.389	9.19
9) T C030 Methylene chlor	0.539	0.482	0.473	0.484	0.466	0.489	5.92
10) T C040 Carbon disulfid	1.627	1.484	1.418	1.407	1.347	1.457	7.34
11) T C036 Acrolein	0.038	0.039	0.040	0.040	0.038	0.039	2.92
12) T C038 Acrylonitrile	0.124	0.115	0.114	0.113	0.104	0.114	6.24
13) T C035 Acetone	0.125	0.099	0.098	0.096	0.097	0.103	11.84
14) T C300 Acetonitrile	0.046	0.036	0.036	0.034	0.033	0.037	14.58
15) T C276 Iodomethane	0.548	0.492	0.576	0.606	0.564	0.557	7.55
16) T C291 1,1,2 Trichloro	0.419	0.379	0.345	0.336	0.326	0.361	10.56
17) T C962 T-butyl Methyl	1.420	1.314	1.300	1.308	1.255	1.319	4.62
18) T C057 trans-1,2-Dichl	0.479	0.472	0.474	0.458	0.430	0.462	4.32
19) T C255 Methyl Acetate	0.415	0.339	0.340	0.344	0.332	0.354	9.71
20) T C050 1,1-Dichloroeth	0.978	0.909	0.928	0.912	0.891	0.923	3.57
21) T C125 Vinyl Acetate	0.722	0.711	0.710	0.725	0.690	0.712	1.92
22) T C051 2,2 Dichloropro	0.908	0.896	0.897	0.886	0.888	0.895	0.95
23) T C056 cis-1,2-Dichlor	0.620	0.581	0.599	0.568	0.552	0.584	4.52
24) T C272 Tetrahydrofuran	0.100	0.100	0.102	0.103	0.098	0.100	2.00
25) T C222 Bromochlorometh	0.221	0.259	0.254	0.249	0.243	0.245	6.01
26) T C060 Chloroform	1.219	1.119	1.102	1.074	1.073	1.117	5.39
27) T C115 1,1,1-Trichloro	0.926	0.943	0.936	0.919	0.945	0.934	1.21
28) T C120 Carbon tetrachl	0.756	0.766	0.754	0.759	0.773	0.762	1.04
29) T C116 1,1-Dichloropro	0.786	0.733	0.704	0.695	0.689	0.721	5.49
30) S CS87 Dibromofluorome	0.664	0.569	0.468	0.507	0.519	0.545	13.84
31) S CS15 1,2-Dichloroeth	0.843	0.686	0.563	0.591	0.629	0.662	16.74
32) T C165 Benzene	2.202	2.200	2.186	2.148	2.147	2.177	1.25
33) T C065 1,2-Dichloroeth	0.835	0.807	0.762	0.772	0.788	0.793	3.67
34) T C110 2-Butanone	0.179	0.174	0.175	0.169	0.159	0.171	4.36
35) T C256 Cyclohexane	0.774	0.778	0.744	0.743	0.725	0.752	3.00
36) T C150 Trichloroethene	0.589	0.534	0.523	0.521	0.525	0.538	5.32
37) T C140 1,2-Dichloropro	0.513	0.525	0.517	0.515	0.513	0.517	0.97
38) T C278 Dibromomethane	0.291	0.308	0.303	0.297	0.299	0.300	2.08
39) T C130 Bromodichlorome	0.746	0.766	0.740	0.771	0.773	0.759	2.02
40) T C161 2-Chloroethylvi	0.203	0.238	0.260	0.260	0.250	0.242	9.75
41) T C012 Methylcyclohexa	0.790	0.728	0.691	0.685	0.677	0.714	6.55
42) T C145 cis-1,3-Dichlor	0.777	0.810	0.829	0.843	0.858	0.823	3.81
43) I CI20 Chlorobenzene-D	-----ISTD-----						
44) S CS05 Toluene-D8	2.376	2.070	1.764	1.883	1.817	1.982	12.55
45) T C230 Toluene	1.341	1.463	1.433	1.423	1.348	1.402	3.87
46) T C170 trans-1,3-Dichl	0.860	0.893	0.895	0.893	0.847	0.878	2.58
47) T C284 Ethyl Methacryl	0.532	0.587	0.602	0.625	0.604	0.590	5.98
48) T C160 1,1,2-Trichloro	0.268	0.377	0.398	0.374	0.359	0.355	14.27
49) T C210 4-Methyl-2-pent	0.339	0.367	0.372	0.374	0.348	0.360	4.35
50) T C220 Tetrachloroethe	0.789	0.581	0.525	0.510	0.486	0.578	21.22
51) T C221 1,3-Dichloropro	0.817	0.812	0.799	0.800	0.761	0.798	2.73
52) T C155 Dibromochlorome	0.568	0.515	0.520	0.521	0.514	0.527	4.29
53) T C163 1,2-Dibromoetha	0.441	0.448	0.449	0.443	0.430	0.442	1.73
54) T C215 2-Hexanone	0.220	0.239	0.249	0.260	0.251	0.244	6.28

Method Path : C:\MSDCHEM\1\METHODS\8260_LOW\

Method File : A6I001371_E2.M

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response Via : Initial Calibration

55)	T	C235	Chlorobenzene	1.659	1.529	1.495	1.488	1.428	1.520	5.64
56)	T	C281	1,1,1,2-Tetrach	0.574	0.559	0.556	0.551	0.543	0.557	2.07
57)	T	C240	Ethylbenzene	2.614	2.642	2.628	2.660	2.576	2.624	1.21
58)	T	C246	m,p-Xylene	1.003	1.034	1.008	1.006	0.940	0.998	3.48
59)	T	C247	o-Xylene	0.943	0.976	1.009	1.030	0.995	0.990	3.34
60)	T	C245	Styrene	1.469	1.658	1.703	1.689	1.638	1.632	5.78
61)	S	CS10	p-Bromofluorobe	0.784	0.664	0.639	0.662	0.655	0.681	8.58

				-----ISTD-----							
62)	I	CI30	1,4-Dichloroben								
63)	T	C180	Bromoform	0.560	0.536	0.545	0.551	0.564	0.551	2.02	
64)	T	C966	Isopropylbenzen	4.089	4.063	4.156	4.094	4.081	4.097	0.86	
65)	T	C301	Bromobenzene	1.269	1.030	1.046	1.051	1.012	1.082	9.79	
66)	T	C225	1,1,2,2-Tetrach	1.002	0.918	0.916	0.911	0.906	0.933	4.32	
67)	T	C282	1,2,3-Trichloro	0.304	0.259	0.263	0.264	0.254	0.269	7.43	
68)	T	C283	t-1,4-Dichloro-	0.264	0.249	0.253	0.264	0.258	0.258	2.58	
69)	T	C302	n-Propylbenzene	5.770	5.473	5.164	5.061	4.819	5.257	7.05	
70)	T	C303	2-Chlorotoluene	1.121	1.006	0.966	0.950	0.921	0.993	7.85	
71)	T	C289	4-Chlorotoluene	1.004	0.993	0.928	0.921	0.877	0.945	5.61	
72)	T	C304	1,3,5-Trimethyl	3.596	3.763	3.610	3.595	3.448	3.602	3.09	
73)	T	C306	tert-Butylbenze	0.670	0.777	0.773	0.797	0.749	0.753	6.59	
74)	T	C307	1,2,4-Trimethyl	3.791	3.812	3.599	3.640	3.434	3.655	4.22	
75)	T	C308	sec-Butylbenzen	4.901	4.424	4.326	4.349	4.130	4.426	6.48	
76)	T	C260	1,3-Dichloroben	2.861	2.003	1.870	1.828	1.726	2.057	22.35	
77)	T	C309	4-Isopropyltolu	3.279	3.399	3.291	3.360	3.194	3.304	2.39	
78)	T	C267	1,4-Dichloroben	2.738	2.038	1.928	1.887	1.773	2.073	18.51	
79)	T	C249	1,2-Dichloroben	2.624	2.063	2.015	1.979	1.923	2.121	13.48	
80)	T	C310	n-Butylbenzene	3.230	3.091	2.967	2.927	2.824	3.008	5.22	
81)	T	C286	1,2-Dibromo-3-C	0.235	0.202	0.199	0.213	0.206	0.211	6.70	
82)	T	C313	1,2,4-Trichloro	1.673	1.278	1.246	1.247	1.211	1.331	14.47	
83)	T	C316	Hexachlorobutad	1.109	0.723	0.620	0.592	0.574	0.723	30.84	
84)	T	C314	Naphthalene	1.509	2.073	2.576	2.710	2.736	2.321	22.70	
85)	T	C934	1,2,3-Trichloro	1.218	1.244	1.300	1.277	1.237	1.255	2.64	

Total Average %RSD 6.84

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

A6I001371_E2.M

Thu Apr 13 07:07:23 2006

HP5793R

Date: 04/13/2006

ICC Profile

Page: 1

Time: 11:01:58

Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)

Fraction: MV

No of Points: 5

Default Min. RRF: 0.3000

QC Approver: JRS

CCC Conc: 125.00

QC Date: 11/08/2005

Comments:

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
2 123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7 77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8 526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15 994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18 67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20 71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25 637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30 108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40 74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50 75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51 108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60 75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70 74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88 78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90 104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91 107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92 126-95-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93 108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94 78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95 71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96 108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97 108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98 76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99 75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100 135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101 79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102 110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103 108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104 98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105 98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106 88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110 98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111 106-89-8	Epichlorohydrin	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
112 79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114 TOTALVOA	Total Volatile Organic Compound	5.0000	50.0000	125.0000	250.0000	500.0000
120 554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121 616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128 75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130 56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140 108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145 104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150 75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160 67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170 74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180 95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190 106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200 124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 04/13/2006

ICC Profile

Page: 2

Time: 11:01:58

Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
201 110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202 142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203 534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204 75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210 96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220 106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230 74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240 95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250 541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260 106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270 75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280 75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290 107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300 75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307 109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310 156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320 156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330 78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340 142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350 594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360 563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370 10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380 10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390 100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410 87-68-3	Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418 591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420 98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430 99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440 75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458 108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460 91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470 103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480 100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490 630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500 79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510 127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520 108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530 87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540 120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550 71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560 79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570 79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580 75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590 96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600 95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610 108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620 75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630 1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646 SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648 2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
550 460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
560 SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 04/13/2006

ICC Profile

Page: 3

Time: 11:01:58

Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
670 SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680 3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690 540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700 462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800 1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805 75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810 594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815 107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820 76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825 107-13-1	Acrylonitrile	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
830 80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840 540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850 M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860 95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870 108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880 110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890 110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900 74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910 97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920 75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930 544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
940 75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950 60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951 108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952 106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962 542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972 64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982 141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992 107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993 126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994 54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000

Data File : H:\GCMS VOA\R\041306\R8432.D

Vial: 7

Acq On : 13 Apr 2006 3:14

Operator: CDC

Sample : VSTD001

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:02:44 2006

Results File: A6I001371 E2.RES

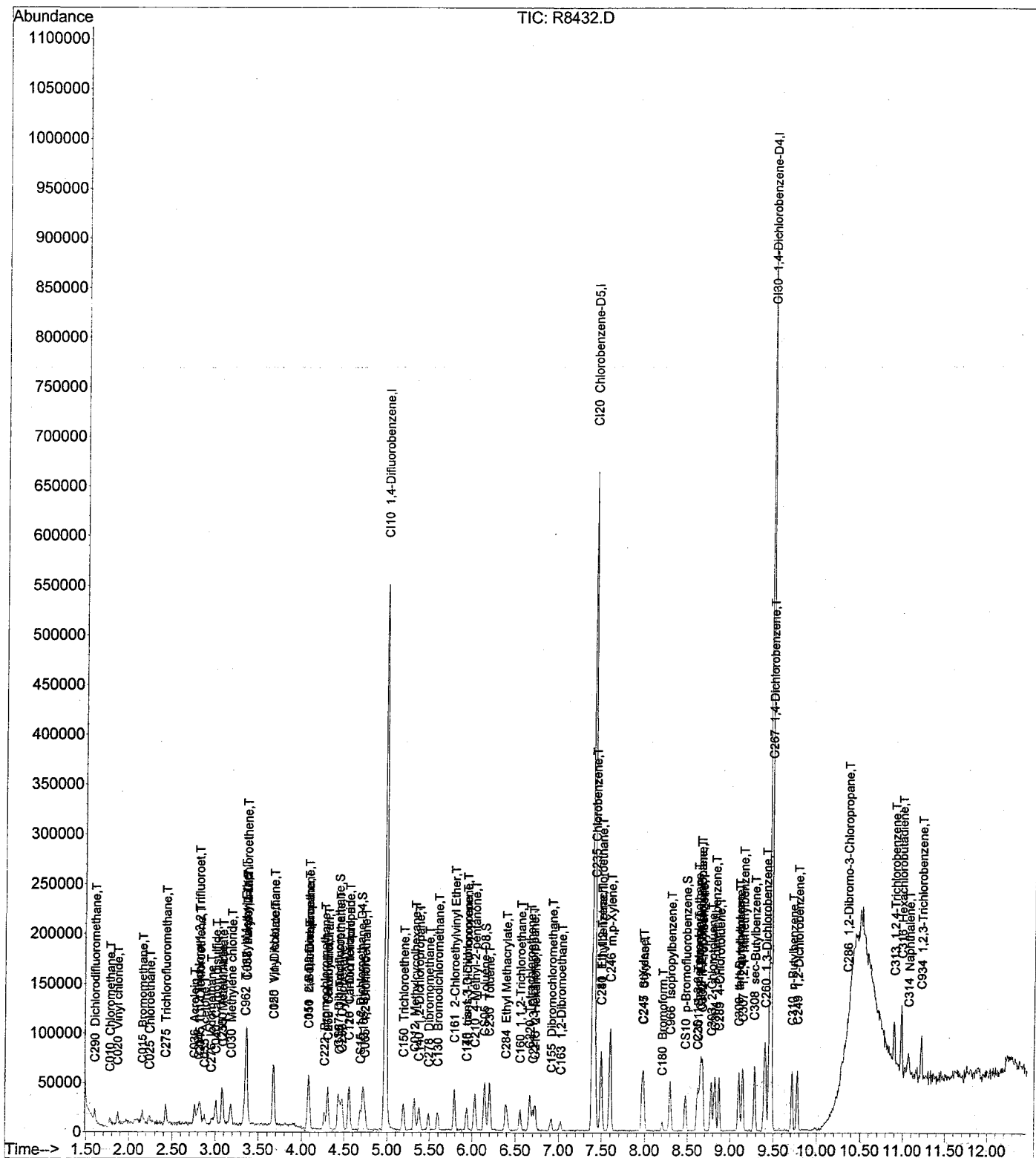
Quant Method : C:\MSDCHEM\1...\A6I001371 E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:03:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8432.D

Vial: 7

Acq On : 13 Apr 2006 3:14

Operator: CDC

Sample : VSTD001

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:02:44 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:03:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.98	114	413912	125.00	ng	0.00 86.62%
43) CI20 Chlorobenzene-D5	7.40	117	373803	125.00	ng	0.00 84.48%
62) CI30 1,4-Dichlorobenzene-	9.46	152	221358	125.00	ng	0.00 78.91%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	10988	6.05	ng	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery =			4.84%#
31) CS15 1,2-Dichloroethane-D	4.69	65	13955	6.21	ng	0.00
Spiked Amount 125.000	Range 72 - 143		Recovery =			4.97%#
44) CS05 Toluene-D8	6.14	98	35525	5.79	ng	0.00
Spiked Amount 125.000	Range 76 - 116		Recovery =			4.63%#
61) CS10 p-Bromofluorobenzene	8.48	174	11717	5.94	ng	0.00
Spiked Amount 125.000	Range 73 - 117		Recovery =			4.75%#

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.60	85	8801	5.32	ng	88
3) C010 Chloromethane	1.77	50	9068	5.77	ng	91
4) C020 Vinyl chloride	1.86	62	8914	4.99	ng	90
5) C015 Bromomethane	2.15	94	7686	6.49	ng	# 78
6) C025 Chloroethane	2.23	64	5476	5.14	ng	# 54
7) C275 Trichlorofluorometha	2.43	101	14397	4.90	ng	98
8) C045 1,1-Dichloroethene	2.82	96	5470	3.94	ng	89
9) C030 Methylene chloride	3.18	84	8925	5.21	ng	97
10) C040 Carbon disulfide	3.01	76	26934	5.27	ng	# 90
11) C036 Acrolein	2.76	56	12730	93.35	ng	93
12) C038 Acrylonitrile	3.36	53	41089	102.20	ng	92
13) C035 Acetone	2.87	43	10345	27.09	ng	# 39
14) C300 Acetonitrile	3.08	41	30705	242.46	ng	92
15) C276 Iodomethane	2.96	142	9079m	4.54	ng	# 99
16) C291 1,1,2 Trichloro-1,2,	2.80	101	6936	5.46	ng	88
17) C962 T-butyl Methyl Ether	3.34	73	23513	4.97	ng	# 54
18) C057 trans-1,2-Dichloroet	3.37	96	7924	4.79	ng	91
19) C255 Methyl Acetate	3.09	43	6870	5.34	ng	92
20) C050 1,1-Dichloroethane	3.67	63	16186	5.09	ng	84
21) C125 Vinyl Acetate	3.67	43	59780	23.63	ng	99
22) C051 2,2-Dichloropropane	4.07	77	15027	4.85	ng	# 35
23) C056 cis-1,2-Dichloroethe	4.08	96	10263	5.07	ng	93
24) C272 Tetrahydrofuran	4.31	42	8262	22.16	ng	# 48
25) C222 Bromochloromethane	4.27	128	3659	4.11	ng	# 79
26) C060 Chloroform	4.31	83	20189	5.27	ng	92
27) C115 1,1,1-Trichloroethan	4.44	97	15326	4.78	ng	86
28) C120 Carbon tetrachloride	4.56	117	12511	4.88	ng	98
29) C116 1,1-Dichloropropene	4.55	75	13009	5.26	ng	87
32) C165 Benzene	4.72	78	36453	4.79	ng	92
33) C065 1,2-Dichloroethane	4.74	62	13827	4.99	ng	93
34) C110 2-Butanone	4.08	43	14783	24.05	ng	99
35) C256 Cyclohexane	4.47	56	12810	4.81	ng	# 73
36) C150 Trichloroethene	5.19	95	9747	5.12	ng	# 74
37) C140 1,2-Dichloropropane	5.38	63	8498	4.64	ng	86

Data File : H:\GCMS_VOA\R\041306\R8432.D

Vial: 7

Acq On : 13 Apr 2006 3:14

Operator: CDC

Sample : VSTD001

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:02:44 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:03:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)	
								Rcv(Ar)
38)	C278 Dibromomethane	5.49	93	4816	4.49	ng	#	82
39)	C130 Bromodichloromethane	5.59	83	12343	4.70	ng		97
40)	C161 2-Chloroethylvinyl E	5.79	63	16841	18.41	ng		92
41)	C012 Methylcyclohexane	5.32	83	13083	5.18	ng		89
42)	C145 cis-1,3-Dichloroprop	5.94	75	12865	4.39	ng		95
45)	C230 Toluene	6.20	92	20056	4.39	ng		98
46)	C170 trans-1,3-Dichloropr	5.94	75	12865	4.43	ng		95
47)	C284 Ethyl Methacrylate	6.40	69	7948	4.23	ng	#	68
48)	C160 1,1,2-Trichloroethan	6.55	83	4005	3.32	ng	#	75
49)	C210 4-Methyl-2-pentanone	6.03	43	25374	20.55	ng	#	86
50)	C220 Tetrachloroethene	6.67	166	11790	6.36	ng		90
51)	C221 1,3-Dichloropropane	6.70	76	12215	4.70	ng		96
52)	C155 Dibromochloromethane	6.92	129	8488	5.16	ng		78
53)	C163 1,2-Dibromoethane	7.02	107	6601	4.46	ng		85
54)	C215 2-Hexanone	6.73	43	16420	19.98	ng		92
55)	C235 Chlorobenzene	7.43	112	24801	5.24	ng		90
56)	C281 1,1,1,2-Tetrachloroe	7.49	131	8587	4.85	ng		94
57)	C240 Ethylbenzene	7.49	91	39081	4.77	ng		90
58)	C246 m,p-Xylene	7.60	106	30005	10.01	ng	#	80
59)	C247 o-Xylene	7.97	106	14097	4.68	ng		89
60)	C245 Styrene	7.99	104	21966	4.43	ng		93
63)	C180 Bromoform	8:21	173	4956	4.13	ng		84
64)	C966 Isopropylbenzene	8.30	105	36202	4.03	ng		95
65)	C301 Bromobenzene	8.62	156	11237	4.89	ng	#	84
66)	C225 1,1,2,2-Tetrachloroe	8.61	83	8872	4.40	ng		85
67)	C282 1,2,3-Trichloropropa	8.66	110	2694	4.48	ng		100
68)	C283 t-1,4-Dichloro-2-But	8.65	53	11669	19.87	ng	#	73
69)	C302 n-Propylbenzene	8.67	91	51085	4.78	ng		93
70)	C303 2-Chlorotoluene	8.78	126	9925	4.91	ng		100
71)	C289 4-Chlorotoluene	8.87	126	8889	4.60	ng		100
72)	C304 1,3,5-Trimethylbenze	8.82	105	31840	4.44	ng		91
73)	C306 tert-Butylbenzene	9.10	134	5930	3.88	ng		100
74)	C307 1,2,4-Trimethylbenze	9.15	105	33564	4.79	ng		96
75)	C308 sec-Butylbenzene	9.28	105	43397	5.19	ng		92
76)	C260 1,3-Dichlorobenzene	9.41	146	25329	6.78	ng		90
77)	C309 4-Isopropyltoluene	9.10	119	29032	4.51	ng	#	51
78)	C267 1,4-Dichlorobenzene	9.48	146	24245	6.32	ng		94
79)	C249 1,2-Dichlorobenzene	9.78	146	23232	6.15	ng		98
80)	C310 n-Butylbenzene	9.72	91	28598	5.18	ng		97
81)	C286 1,2-Dibromo-3-Chloro	10.35	75	2077	5.98	ng	#	59
82)	C313 1,2,4-Trichlorobenze	10.90	180	14815	6.58	ng		86
83)	C316 Hexachlorobutadiene	10.98	225	9816	7.44	ng		83
84)	C314 Naphthalene	11.07	128	13361	3.31	ng		100
85)	C934 1,2,3-Trichlorobenze	11.23	180	10783	4.92	ng		90

(#)=qualifier out of range (m)=manual integration (+)=signals summed

Data File : H:\GCMS_VOA\R\041306\R8432.D

Acq On : 13 Apr 2006 3:14

Sample : VSTD001

Misc :

MS Integration Params: RTEINT.P
Quant Time: Apr 13 07:02:22 2006

Vial: 7

Operator: CDC

Inst : HP5973R

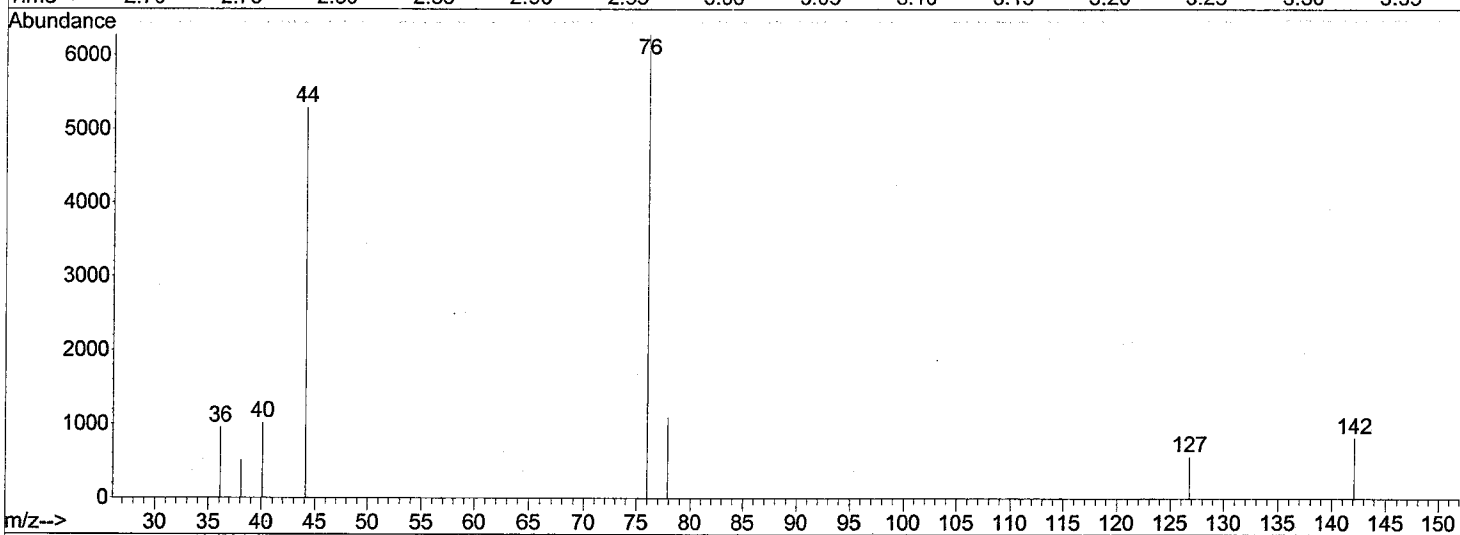
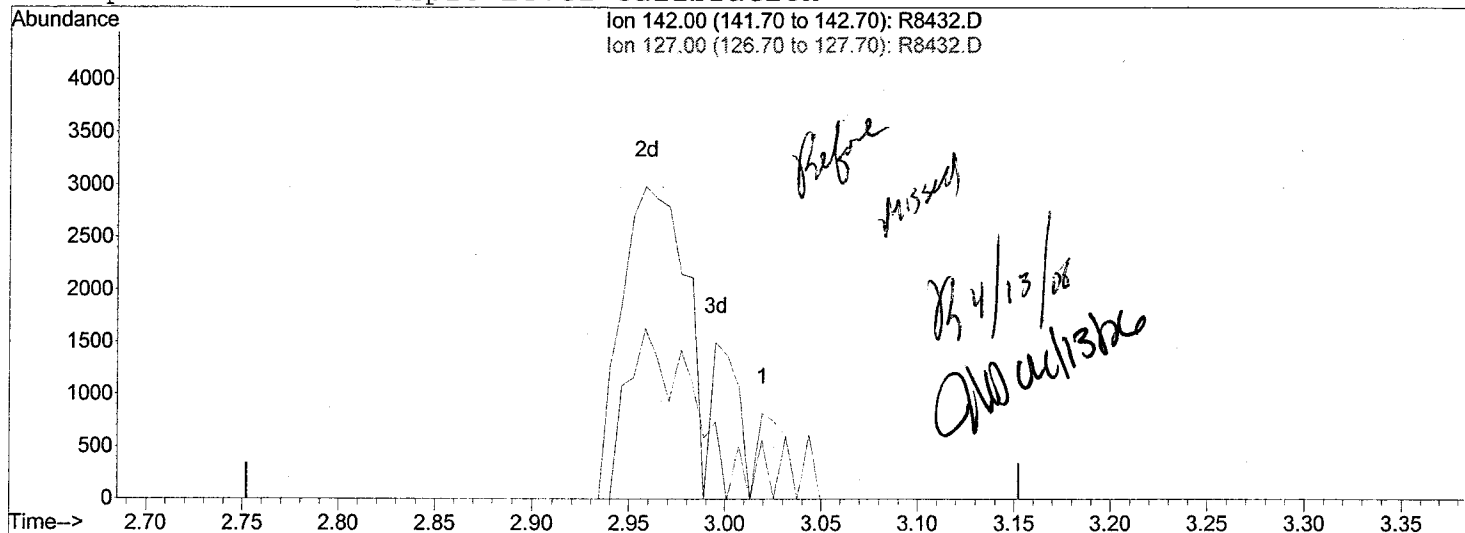
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...W\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:03:50 2006

Response via : Multiple Level Calibration



TIC: R8432.D

(15) C276 Iodomethane (T)

2.95min (+0.067) 0.00ng d

response 0

Ion	Exp%	Act%
142.00	100	100
127.00	43.00	42.17
0.00	0.00	0.00
0.00	0.00	0.00

Data File : H:\GCMS_VOA\R\041306\R8432.D

Acq On : 13 Apr 2006 3:14

Sample : VSTD001

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:02:22 2006

Vial: 7

Operator: CDC

Inst : HP5973R

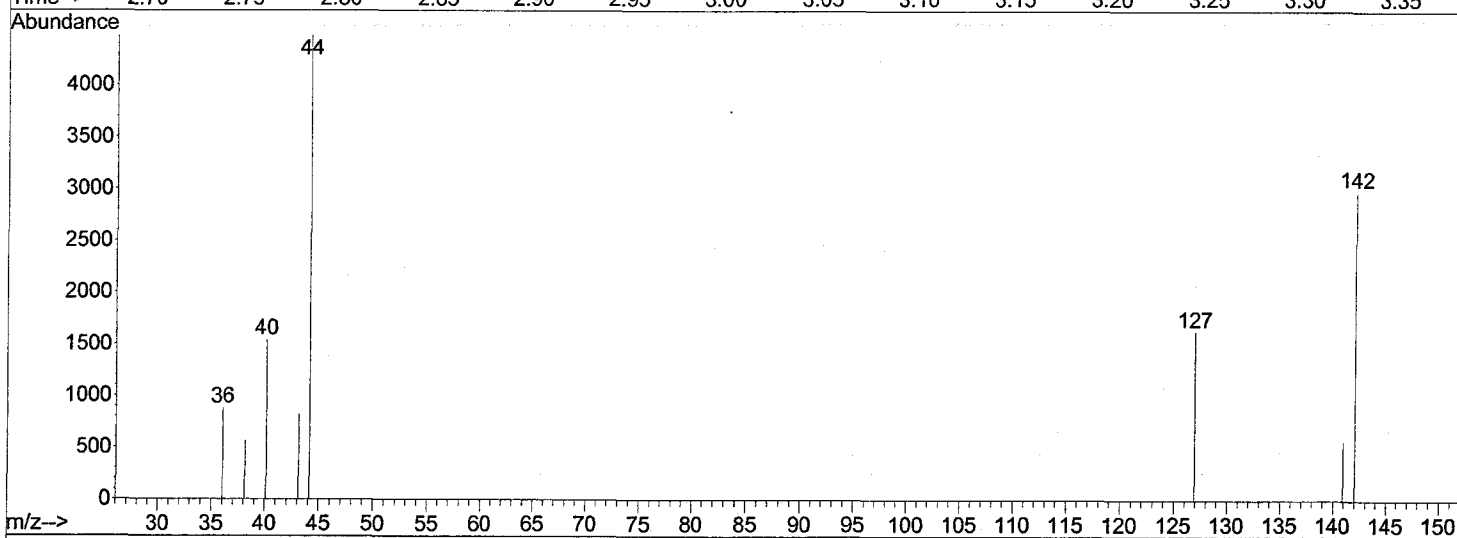
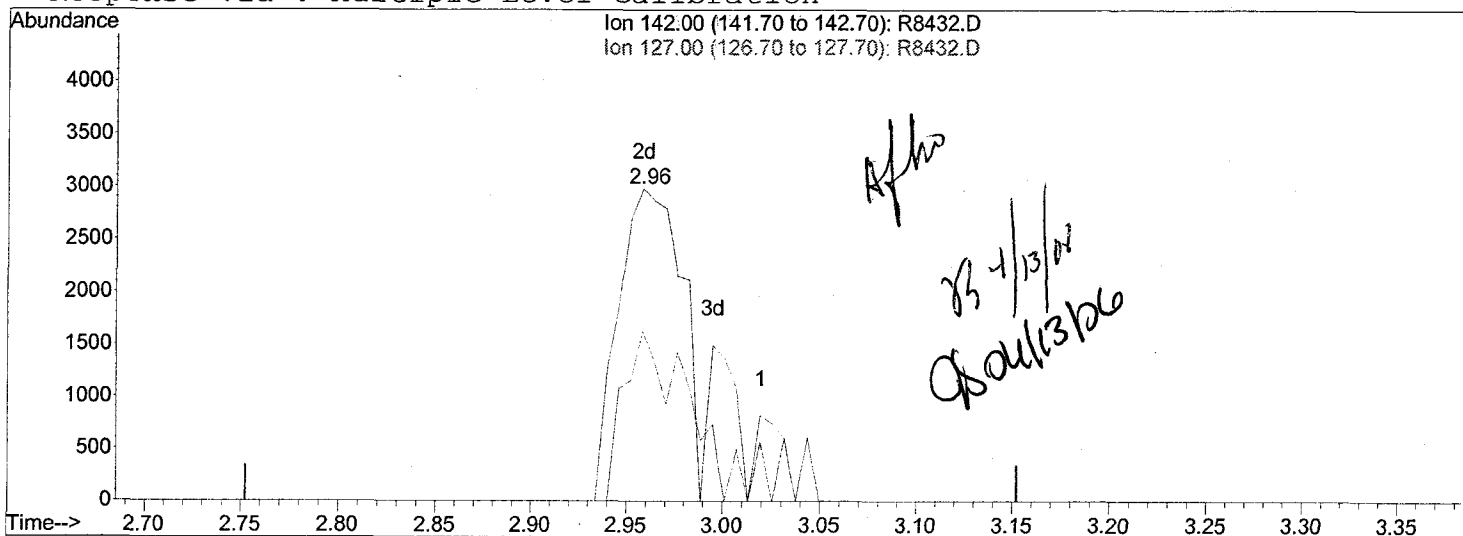
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...W\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:03:50 2006

Response via : Multiple Level Calibration



TIC: R8432.D

(15) C276 Iodomethane (T)

2.96min (+0.006) 4.54ng m

response 9079

Ion Exp% Act%

142.00 100 100

127.00 43.00 4.71#

0.00 0.00 0.00

0.00 0.00 0.00

Data File : H:\GCMS_VOA\R\041306\R8431.D

Acq On : 13 Apr 2006 2:51

Sample : VSTD010

Misc :

MS Integration Params: RTEINT.P

Vial: 6

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 13 07:04:46 2006

Results File: A6I001371_E2.RES

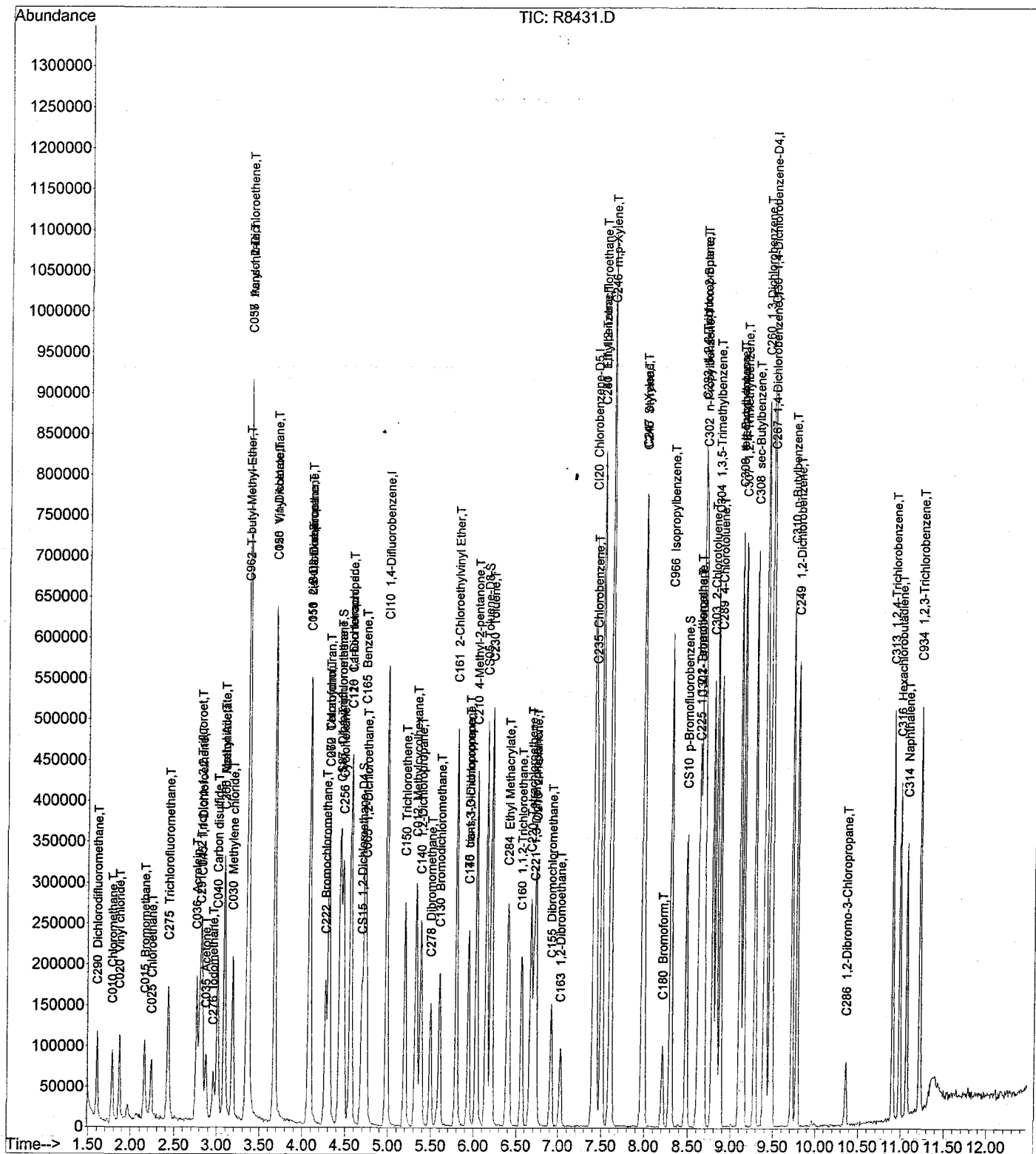
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8431.D

Vial: 6

Acq On : 13 Apr 2006 2:51

Operator: CDC

Sample : VSTD010

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:46 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)

1) CI10 1,4-Difluorobenzene	4.98	114	424965	125.00	ng	0.00	88.93%
43) CI20 Chlorobenzene-D5	7.40	117	385604	125.00	ng	0.00	87.15%
62) CI30 1,4-Dichlorobenzene-	9.46	152	246727	125.00	ng	0.00	87.95%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	96664	52.15	ng	0.00	
Spiked Amount 125.000	Range 70 - 130		Recovery =	41.72%	#		
31) CS15 1,2-Dichloroethane-D	4.69	65	116580	51.77	ng	0.00	
Spiked Amount 125.000	Range 72 - 143		Recovery =	41.42%	#		
44) CS05 Toluene-D8	6.14	98	319239	52.22	ng	0.00	
Spiked Amount 125.000	Range 76 - 116		Recovery =	41.78%	#		
61) CS10 p-Bromofluorobenzene	8.47	174	102371	48.75	ng	0.00	
Spiked Amount 125.000	Range 73 - 117		Recovery =	39.00%	#		

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.60	85	82700	49.79	ng	97
3) C010 Chloromethane	1.78	50	85309	48.78	ng	89
4) C020 Vinyl chloride	1.86	62	89175	51.00	ng	94
5) C015 Bromomethane	2.15	94	65991	54.26	ng	93
6) C025 Chloroethane	2.23	64	53808	50.79	ng	91
7) C275 Trichlorofluorometha	2.42	101	138632	49.20	ng	98
8) C045 1,1-Dichloroethene	2.82	96	70234	53.08	ng	94
9) C030 Methylene chloride	3.18	84	81943	49.31	ng	93
10) C040 Carbon disulfide	3.00	76	252334	50.95	ng	99
11) C036 Acrolein	2.76	56	131599	991.43	ng	98
12) C038 Acrylonitrile	3.36	53	390214	1007.53	ng	93
13) C035 Acetone	2.87	43	84542	240.97	ng	90
14) C300 Acetonitrile	3.08	41	241780	1918.97	ng	94
15) C276 Iodomethane	2.95	142	83666	44.15	ng	98
16) C291 1,1,2 Trichloro-1,2,	2.80	101	64459	52.52	ng	94
17) C962 T-butyl Methyl Ether	3.34	73	223326	49.79	ng	# 61
18) C057 trans-1,2-Dichloroet	3.37	96	80274	51.07	ng	96
19) C255 Methyl Acetate	3.09	43	57621	47.89	ng	# 89
20) C050 1,1-Dichloroethane	3.67	63	154454	49.20	ng	99
21) C125 Vinyl Acetate	3.67	43	604296	249.77	ng	95
22) C051 2,2-Dichloropropane	4.07	77	152225	50.03	ng	# 39
23) C056 cis-1,2-Dichloroethe	4.08	96	98755	49.74	ng	89
24) C272 Tetrahydrofuran	4.30	42	84648	247.81	ng	# 49
25) C222 Bromochloromethane	4.27	128	44035	52.82	ng	# 83
26) C060 Chloroform	4.31	83	190181	50.06	ng	95
27) C115 1,1,1-Trichloroethan	4.44	97	160332	50.50	ng	96
28) C120 Carbon tetrachloride	4.56	117	130249	50.31	ng	94
29) C116 1,1-Dichloropropene	4.55	75	124575	50.79	ng	94
32) C165 Benzene	4.72	78	373949	50.54	ng	97
33) C065 1,2-Dichloroethane	4.74	62	137127	50.88	ng	97
34) C110 2-Butanone	4.08	43	147573	253.70	ng	89
35) C256 Cyclohexane	4.47	56	132178	51.67	ng	# 80
36) C150 Trichloroethene	5.19	95	90695	49.56	ng	99
37) C140 1,2-Dichloropropane	5.38	63	89305	50.83	ng	98

Data File : H:\GCMS_VOA\R\041306\R8431.D

Vial: 6

Acq On : 13 Apr 2006 2:51

Operator: CDC

Sample : VSTD010

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:46 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)
								Rcv(Ar)
38)	C278	Dibromomethane	5.49	93	52278	51.33	ng	86
39)	C130	Bromodichloromethane	5.59	83	130221	50.47	ng	91
40)	C161	2-Chloroethylvinyl E	5.79	63	202033	245.21	ng	91
41)	C012	Methylcyclohexane	5.33	83	123829	50.99	ng	# 85
42)	C145	cis-1,3-Dichloroprop	5.94	75	137718	49.19	ng	99
45)	C230	Toluene	6.20	92	225709	52.20	ng	98
46)	C170	trans-1,3-Dichloropr	5.94	75	137718	50.86	ng	99
47)	C284	Ethyl Methacrylate	6.40	69	90495	49.74	ng	# 73
48)	C160	1,1,2-Trichloroethan	6.56	83	58187	53.10	ng	97
49)	C210	4-Methyl-2-pentanone	6.03	43	282979	254.69	ng	# 90
50)	C220	Tetrachloroethene	6.67	166	89671	50.27	ng	97
51)	C221	1,3-Dichloropropane	6.70	76	125256	50.88	ng	99
52)	C155	Dibromochloromethane	6.91	129	79425	48.81	ng	98
53)	C163	1,2-Dibromoethane	7.02	107	69060	50.61	ng	93
54)	C215	2-Hexanone	6.73	43	184026	244.97	ng	89
55)	C235	Chlorobenzene	7.43	112	235860	50.31	ng	88
56)	C281	1,1,1,2-Tetrachloroe	7.49	131	86263	50.22	ng	# 80
57)	C240	Ethylbenzene	7.49	91	407558	50.35	ng	98
58)	C246	m,p-Xylene	7.60	106	318865	103.54	ng	89
59)	C247	o-Xylene	7.97	106	150548	49.27	ng	# 83
60)	C245	Styrene	7.99	104	255782	50.82	ng	87
63)	C180	Bromoform	8.21	173	52944	48.66	ng	100
64)	C966	Isopropylbenzene	8.30	105	400953	49.59	ng	99
65)	C301	Bromobenzene	8.63	156	101649	47.61	ng	# 81
66)	C225	1,1,2,2-Tetrachloroe	8.61	83	90602	49.33	ng	90
67)	C282	1,2,3-Trichloropropa	8.65	110	25610	48.21	ng	100
68)	C283	t-1,4-Dichloro-2-But	8.65	53	122747	241.49	ng	# 67
69)	C302	n-Propylbenzene	8.67	91	540101	52.05	ng	100
70)	C303	2-Chlorotoluene	8.78	126	99246	50.65	ng	100
71)	C289	4-Chlorotoluene	8.87	126	98034	52.57	ng	100
72)	C304	1,3,5-Trimethylbenze	8.82	105	371330	52.22	ng	98
73)	C306	tert-Butylbenzene	9.10	134	76719	51.60	ng	100
74)	C307	1,2,4-Trimethylbenze	9.14	105	376194	52.14	ng	99
75)	C308	sec-Butylbenzene	9.28	105	436617	49.98	ng	97
76)	C260	1,3-Dichlorobenzene	9.41	146	197679	48.68	ng	98
77)	C309	4-Isopropyltoluene	9.10	119	335401	51.42	ng	# 48
78)	C267	1,4-Dichlorobenzene	9.48	146	201083	49.15	ng	95
79)	C249	1,2-Dichlorobenzene	9.78	146	203620	48.64	ng	99
80)	C310	n-Butylbenzene	9.72	91	305094	51.39	ng	99
81)	C286	1,2-Dibromo-3-Chloro	10.36	75	19930	47.84	ng	# 77
82)	C313	1,2,4-Trichlorobenze	10.90	180	126157	48.01	ng	98
83)	C316	Hexachlorobutadiene	10.98	225	71399	50.01	ng	94
84)	C314	Naphthalene	11.07	128	204543	44.65	ng	100
85)	C934	1,2,3-Trichlorobenze	11.22	180	122805	49.57	ng	99

(#)=qualifier out of range (m)=manual integration (+)=signals summed

Data File : H:\GCMS_VOA\R\041306\R8430.D

Acq On : 13 Apr 2006 2:28

Sample : VSTD025

Misc :

MS Integration Params: RTEINT.P

Vial: 5

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 13 07:04:42 2006

Results File: A6I001371_E2.RES

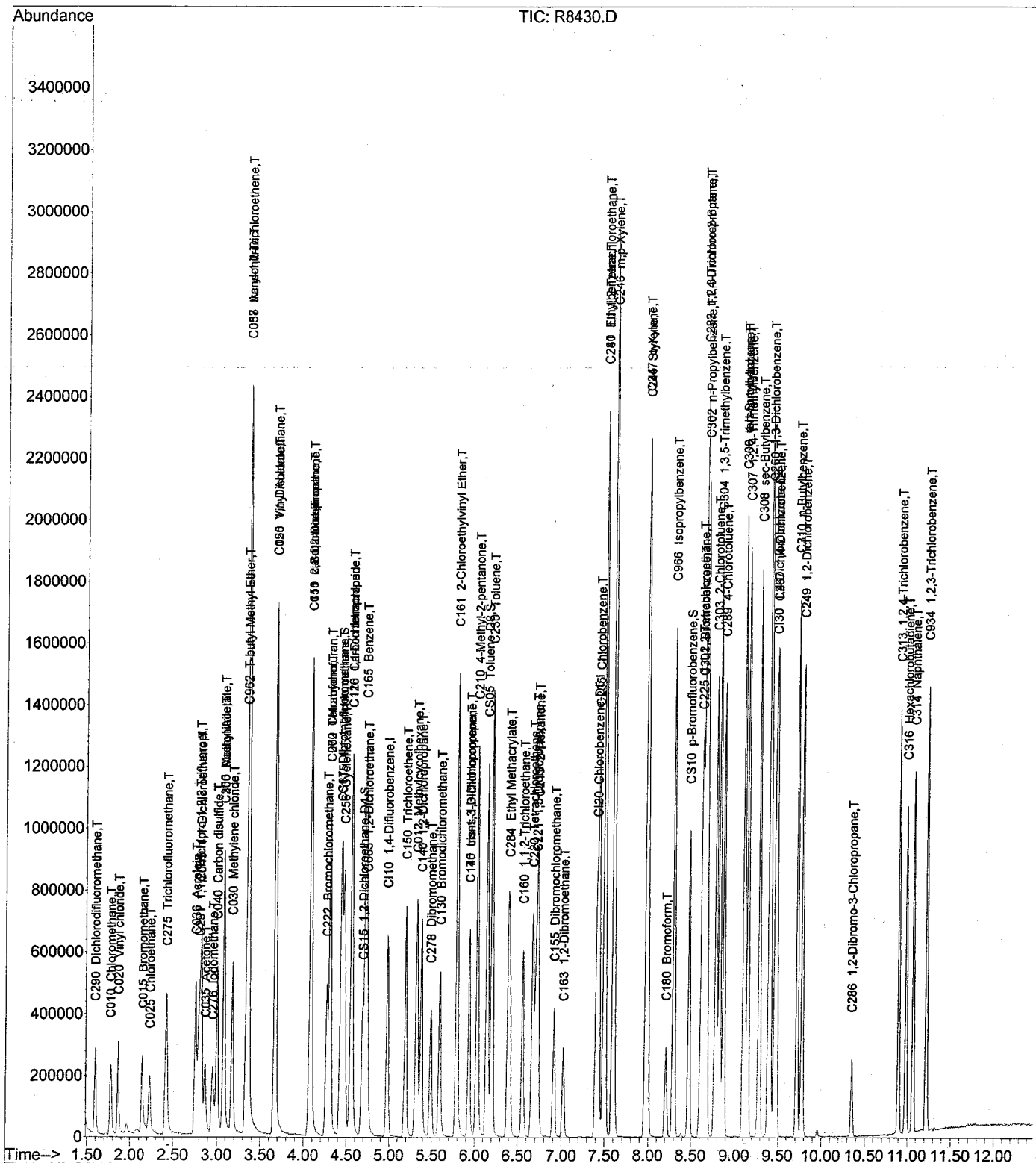
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8430.D

Vial: 5

Acq On : 13 Apr 2006 2:28

Operator: CDC

Sample : VSTD025

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:42 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	477864	125.00	ng	0.00	100.00%
43) CI20 Chlorobenzene-D5	7.40	117	442450	125.00	ng	0.00	100.00%
62) CI30 1,4-Dichlorobenzene-	9.46	152	280530	125.00	ng	0.00	100.00%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	223466	107.22	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	85.78%	
31) CS15 1,2-Dichloroethane-D	4.68	65	269210	106.32	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	85.06%	
44) CS05 Toluene-D8	6.14	98	780348	111.24	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	88.99%	
61) CS10 p-Bromofluorobenzene	8.47	174	282860	117.41	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	93.93%	

Target Compounds

							Qvalue
2) C290 Dichlorodifluorometh	1.59	85	228514	122.34	ng		100
3) C010 Chloromethane	1.77	50	249216	126.73	ng		98
4) C020 Vinyl chloride	1.86	62	252769	128.55	ng		98
5) C015 Bromomethane	2.14	94	174192	127.38	ng		95
6) C025 Chloroethane	2.23	64	147449	123.77	ng		95
7) C275 Trichlorofluorometha	2.42	101	393250	124.10	ng		97
8) C045 1,1-Dichloroethene	2.82	96	199930	134.36	ng		90
9) C030 Methylene chloride	3.18	84	226126	121.00	ng		93
10) C040 Carbon disulfide	3.00	76	678661	121.87	ng		100
11) C036 Acrolein	2.75	56	386385	2588.68	ng		96
12) C038 Acrylonitrile	3.35	53	1088783	2500.04	ng		96
13) C035 Acetone	2.87	43	234075	593.32	ng		88
14) C300 Acetonitrile	3.08	41	696015	4912.63	ng		95
15) C276 Iodomethane	2.95	142	276515	129.77	ng		99
16) C291 1,1,2 Trichloro-1,2,	2.79	101	165050	119.60	ng		93
17) C962 T-butyl Methyl Ether	3.34	73	620988	123.12	ng	#	60
18) C057 trans-1,2-Dichloroet	3.36	96	226467	128.12	ng		96
19) C255 Methyl Acetate	3.09	43	162277	119.93	ng		95
20) C050 1,1-Dichloroethane	3.66	63	443383	125.59	ng		99
21) C125 Vinyl Acetate	3.67	43	1695777	623.32	ng		95
22) C051 2,2-Dichloropropane	4.07	77	428729	125.32	ng	#	35
23) C056 cis-1,2-Dichloroethe	4.08	96	286335	128.25	ng		91
24) C272 Tetrahydrofuran	4.30	42	244806	637.34	ng	#	54
25) C222 Bromochloromethane	4.27	128	121276	129.37	ng		93
26) C060 Chloroform	4.30	83	526394	123.23	ng		97
27) C115 1,1,1-Trichloroethan	4.44	97	447498	125.34	ng		94
28) C120 Carbon tetrachloride	4.56	117	360385	123.79	ng		96
29) C116 1,1-Dichloropropene	4.55	75	336523	122.01	ng		92
32) C165 Benzene	4.72	78	1044656	125.55	ng		100
33) C065 1,2-Dichloroethane	4.74	62	364245	120.19	ng		98
34) C110 2-Butanone	4.08	43	417838	638.80	ng		90
35) C256 Cyclohexane	4.47	56	355380	123.55	ng	#	79
36) C150 Trichloroethene	5.19	95	249852	121.42	ng		97
37) C140 1,2-Dichloropropane	5.38	63	246924	124.99	ng		98

Data File : H:\GCMS_VOA\R\041306\R8430.D

Vial: 5

Acq On : 13 Apr 2006 2:28

Operator: CDC

Sample : VSTD025

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:42 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)
								Rcv(Ar)
38)	C278	Dibromomethane	5.48	93	144795	126.42	ng	95
39)	C130	Bromodichloromethane	5.59	83	353416	121.81	ng	95
40)	C161	2-Chloroethylvinyl E	5.79	63	621109	670.39	ng	91
41)	C012	Methylcyclohexane	5.32	83	329971	120.83	ng	# 84
42)	C145	cis-1,3-Dichloroprop	5.94	75	396041	125.81	ng	99
45)	C230	Toluene	6.20	92	633865	127.75	ng	97
46)	C170	trans-1,3-Dichloropr	5.94	75	396041	127.48	ng	99
47)	C284	Ethyl Methacrylate	6.40	69	266298	127.57	ng	# 75
48)	C160	1,1,2-Trichloroethan	6.55	83	175893	139.90	ng	95
49)	C210	4-Methyl-2-pentanone	6.03	43	824049	646.37	ng	# 91
50)	C220	Tetrachloroethene	6.67	166	232329	113.52	ng	92
51)	C221	1,3-Dichloropropane	6.70	76	353720	125.22	ng	100
52)	C155	Dibromochloromethane	6.91	129	229950	123.16	ng	98
53)	C163	1,2-Dibromoethane	7.02	107	198775	126.97	ng	100
54)	C215	2-Hexanone	6.72	43	550771	638.98	ng	90
55)	C235	Chlorobenzene	7.43	112	661261	122.93	ng	92
56)	C281	1,1,1,2-Tetrachloroe	7.49	131	245988	124.82	ng	# 85
57)	C240	Ethylbenzene	7.49	91	1162799	125.19	ng	99
58)	C246	m,p-Xylene	7.60	106	892081	252.46	ng	91
59)	C247	o-Xylene	7.97	106	446220	127.28	ng	93
60)	C245	Styrene	7.99	104	753480	130.46	ng	91
63)	C180	Bromoform	8.21	173	152922	123.62	ng	99
64)	C966	Isopropylbenzene	8.30	105	1165960	126.82	ng	98
65)	C301	Bromobenzene	8.62	156	293519	120.92	ng	# 70
66)	C225	1,1,2,2-Tetrachloroe	8.61	83	256850	122.99	ng	99
67)	C282	1,2,3-Trichloropropa	8.66	110	73852	122.26	ng	100
68)	C283	t-1,4-Dichloro-2-But	8.65	53	354943	614.16	ng	# 67
69)	C302	n-Propylbenzene	8.67	91	1448547	122.78	ng	99
70)	C303	2-Chlorotoluene	8.78	126	270870	121.59	ng	100
71)	C289	4-Chlorotoluene	8.87	126	260437	122.83	ng	100
72)	C304	1,3,5-Trimethylbenze	8.82	105	1012814	125.28	ng	99
73)	C306	tert-Butylbenzene	9.10	134	216777	128.24	ng	100
74)	C307	1,2,4-Trimethylbenze	9.14	105	1009653	123.08	ng	98
75)	C308	sec-Butylbenzene	9.28	105	1213712	122.19	ng	97
76)	C260	1,3-Dichlorobenzene	9.41	146	524645	113.62	ng	97
77)	C309	4-Isopropyltoluene	9.10	119	923359	124.51	ng	# 50
78)	C267	1,4-Dichlorobenzene	9.48	146	540922	116.27	ng	93
79)	C249	1,2-Dichlorobenzene	9.78	146	565280	118.77	ng	98
80)	C310	n-Butylbenzene	9.72	91	832307	123.30	ng	99
81)	C286	1,2-Dibromo-3-Chloro	10.35	75	55933	118.07	ng	# 74
82)	C313	1,2,4-Trichlorobenze	10.90	180	349562	117.01	ng	100
83)	C316	Hexachlorobutadiene	10.98	225	173807	107.07	ng	97
84)	C314	Naphthalene	11.07	128	722659	138.75	ng	100
85)	C934	1,2,3-Trichlorobenze	11.22	180	364826	129.51	ng	99

(#)=qualifier out of range (m)=manual integration (+)=signals summed

Vial: 4

Operator: CDC

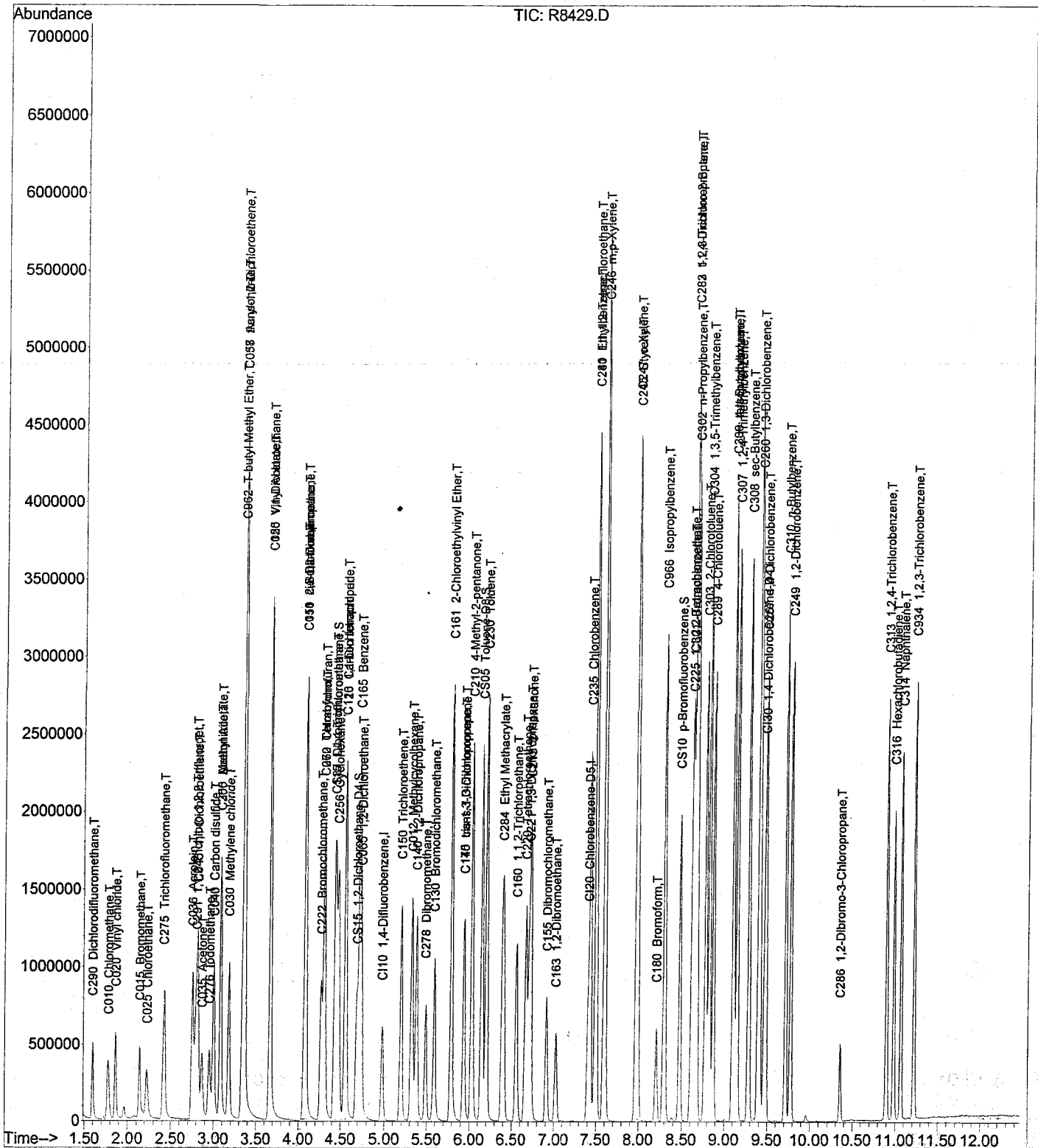
Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Results File: A6I001371_E2.RES

1_E2.M (RTE Integrator)



Data File : H:\GCMS_VOA\R\041306\R8429.D

Vial: 4

Acq On : 13 Apr 2006 2:05

Operator: CDC

Sample : VSTD050

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:40 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	455383	125.00	ng	0.00
							95.30%
43)	CI20 Chlorobenzene-D5	7.40	117	429867	125.00	ng	0.00
							97.16%
62)	CI30 1,4-Dichlorobenzene-	9.46	152	278507	125.00	ng	0.00
							99.28%

System Monitoring Compounds

30)	CS87 Dibromofluoromethane	4.43	111	461411	232.32	ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	=	185.86%#
31)	CS15 1,2-Dichloroethane-D	4.68	65	537879	222.91	ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	=	178.33%#
44)	CS05 Toluene-D8	6.14	98	1618714	237.51	ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	=	190.01%#
61)	CS10 p-Bromofluorobenzene	8.47	174	569223	243.18	ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	=	194.54%#

Target Compounds

							Qvalue
2)	C290 Dichlorodifluorometh	1.59	85	427860	240.38	ng	98
3)	C010 Chloromethane	1.78	50	450693	240.49	ng	97
4)	C020 Vinyl chloride	1.86	62	452442	241.45	ng	94
5)	C015 Bromomethane	2.14	94	303174	232.65	ng	98
6)	C025 Chloroethane	2.22	64	280815	247.35	ng	99
7)	C275 Trichlorofluorometha	2.42	101	738223	244.47	ng	97
8)	C045 1,1-Dichloroethene	2.82	96	366487	258.46	ng	96
9)	C030 Methylene chloride	3.18	84	440442	247.32	ng	92
10)	C040 Carbon disulfide	3.00	76	1281447	241.47	ng	100
11)	C036 Acrolein	2.75	56	728216	5119.71	ng	99
12)	C038 Acrylonitrile	3.35	53	2052974	4946.71	ng	96
13)	C035 Acetone	2.87	43	439188	1168.19	ng	# 87
14)	C300 Acetonitrile	3.08	41	1255593	9299.77	ng	97
15)	C276 Iodomethane	2.95	142	551852	271.77	ng	100
16)	C291 1,1,2 Trichloro-1,2,	2.79	101	305567	232.36	ng	92
17)	C962 T-butyl Methyl Ether	3.34	73	1191501	247.89	ng	# 61
18)	C057 trans-1,2-Dichloroet	3.36	96	416719	247.40	ng	91
19)	C255 Methyl Acetate	3.09	43	313403	243.06	ng	94
20)	C050 1,1-Dichloroethane	3.66	63	830840	246.96	ng	96
21)	C125 Vinyl Acetate	3.67	43	3301517	1273.46	ng	96
22)	C051 2,2-Dichloropropane	4.07	77	806795	247.46	ng	# 35
23)	C056 cis-1,2-Dichloroethe	4.08	96	516962	242.98	ng	89
24)	C272 Tetrahydrofuran	4.30	42	467191	1276.35	ng	# 48
25)	C222 Bromochloromethane	4.27	128	226677	253.74	ng	95
26)	C060 Chloroform	4.30	83	978535	240.39	ng	95
27)	C115 1,1,1-Trichloroethan	4.44	97	836942	245.99	ng	94
28)	C120 Carbon tetrachloride	4.56	117	690984	249.06	ng	99
29)	C116 1,1-Dichloropropene	4.55	75	633392	240.99	ng	95
32)	C165 Benzene	4.72	78	1956473	246.74	ng	100
33)	C065 1,2-Dichloroethane	4.74	62	703036	243.44	ng	99
34)	C110 2-Butanone	4.08	43	770682	1236.41	ng	93
35)	C256 Cyclohexane	4.47	56	676252	246.71	ng	# 78
36)	C150 Trichloroethene	5.19	95	474333	241.89	ng	96
37)	C140 1,2-Dichloropropane	5.38	63	469259	249.27	ng	99

Data File : H:\GCMS_VOA\R\041306\R8429.D

Vial: 4

Acq On : 13 Apr 2006 2:05

Operator: CDC

Sample : VSTD050

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:40 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
38)	C278	Dibromomethane	5.48	93	270786	248.09	ng		100
39)	C130	Bromodichloromethane	5.59	83	701785	253.81	ng		96
40)	C161	2-Chloroethylvinyl E	5.79	63	1185593	1342.84	ng		91
41)	C012	Methylcyclohexane	5.33	83	624107	239.83	ng		86
42)	C145	cis-1,3-Dichloroprop	5.94	75	768151	256.06	ng		98
45)	C230	Toluene	6.20	92	1223731	253.86	ng		99
46)	C170	trans-1,3-Dichloropr	5.94	75	768151	254.49	ng		98
47)	C284	Ethyl Methacrylate	6.40	69	537157	264.86	ng	#	77
48)	C160	1,1,2-Trichloroethan	6.56	83	321589	263.27	ng		95
49)	C210	4-Methyl-2-pentanone	6.03	43	1609049	1299.05	ng	#	87
50)	C220	Tetrachloroethene	6.67	166	438832	220.69	ng		92
51)	C221	1,3-Dichloropropane	6.70	76	688089	250.72	ng		100
52)	C155	Dibromochloromethane	6.91	129	447720	246.81	ng		99
53)	C163	1,2-Dibromoethane	7.02	107	381053	250.52	ng		98
54)	C215	2-Hexanone	6.72	43	1115726	1332.31	ng		92
55)	C235	Chlorobenzene	7.43	112	1279005	244.74	ng		94
56)	C281	1,1,1,2-Tetrachloro	7.50	131	473848	247.47	ng		88
57)	C240	Ethylbenzene	7.49	91	2286635	253.40	ng		97
58)	C246	m,p-Xylene	7.60	106	1730213	503.98	ng		89
59)	C247	o-Xylene	7.97	106	885253	259.90	ng		92
60)	C245	Styrene	7.99	104	1452493	258.86	ng		91
63)	C180	Bromoform	8.21	173	306667	249.70	ng		96
64)	C966	Isopropylbenzene	8.30	105	2280493	249.85	ng		100
65)	C301	Bromobenzene	8.63	156	585412	242.92	ng	#	85
66)	C225	1,1,2,2-Tetrachloro	8.61	83	507258	244.66	ng		96
67)	C282	1,2,3-Trichloroprop	8.66	110	147196	245.45	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.65	53	735396	1281.70	ng	#	68
69)	C302	n-Propylbenzene	8.67	91	2818884	240.67	ng		97
70)	C303	2-Chlorotoluene	8.78	126	529091	239.23	ng		100
71)	C289	4-Chlorotoluene	8.87	126	513014	243.70	ng		100
72)	C304	1,3,5-Trimethylbenz	8.82	105	2002562	249.50	ng		98
73)	C306	tert-Butylbenzene	9.10	134	443831	264.47	ng		100
74)	C307	1,2,4-Trimethylbenz	9.14	105	2027479	248.95	ng		99
75)	C308	sec-Butylbenzene	9.28	105	2422576	245.65	ng		96
76)	C260	1,3-Dichlorobenzene	9.41	146	1018056	222.08	ng		97
77)	C309	4-Isopropyltoluene	9.10	119	1871448	254.18	ng	#	49
78)	C267	1,4-Dichlorobenzene	9.48	146	1051316	227.63	ng		93
79)	C249	1,2-Dichlorobenzene	9.78	146	1102406	233.30	ng		99
80)	C310	n-Butylbenzene	9.72	91	1630363	243.29	ng		100
81)	C286	1,2-Dibromo-3-Chloro	10.35	75	118726	252.45	ng	#	70
82)	C313	1,2,4-Trichlorobenz	10.90	180	694733	234.23	ng		98
83)	C316	Hexachlorobutadiene	10.98	225	329510	204.45	ng		95
84)	C314	Naphthalene	11.07	128	1509549	291.94	ng		100
85)	C934	1,2,3-Trichlorobenz	11.22	180	711275	254.32	ng		99

(#)=qualifier out of range (m)=manual integration (+)=signals summed

Data File : H:\GCMS VOA\R\041306\R8428.D

Acq On : 13 Apr 2006 1:42

Sample : VSTD100

Misc :

MS Integration Params: RTEINT.P

Vial: 3

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 13 07:04:36 2006

Results File: A6I001371 E2.RES

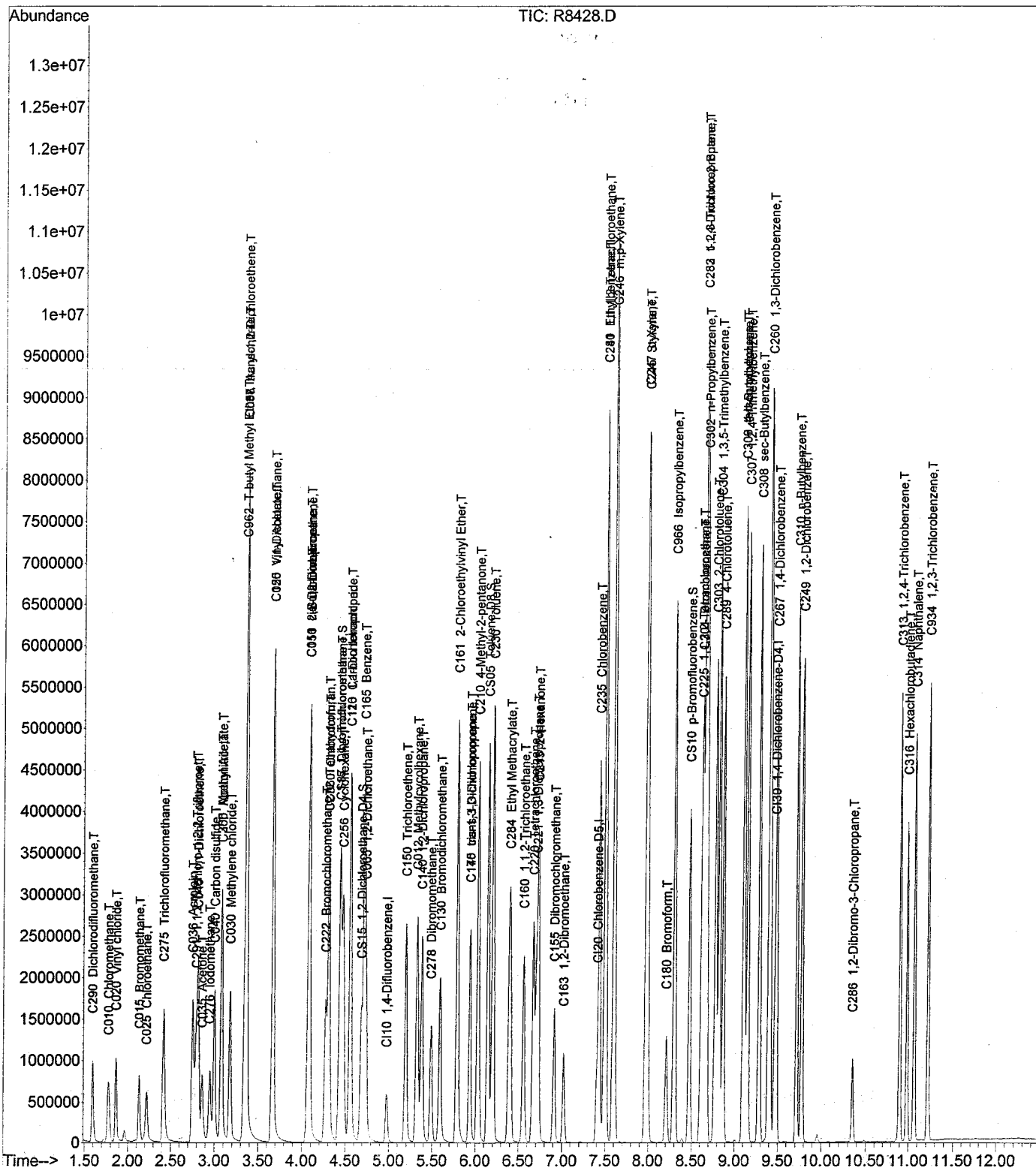
Quant Method : C:\MSDCHEM\1...\A6I001371 E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8428.D

Vial: 3

Acq On : 13 Apr 2006 1:42

Operator: CDC

Sample : VSTD100

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:36 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 SML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.98	114	429854	125.00	ng	0.00	89.95%
43) CI20 Chlorobenzene-D5	7.40	117	435525	125.00	ng	0.00	98.43%
62) CI30 1,4-Dichlorobenzene-	9.46	152	285052	125.00	ng	0.00	101.61%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	892867	476.26	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	381.01%#	
31) CS15 1,2-Dichloroethane-D	4.68	65	1081800	474.94	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	379.95%#	
44) CS05 Toluene-D8	6.14	98	3165631	458.44	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	366.75%#	
61) CS10 p-Bromofluorobenzene	8.47	174	1140273	480.82	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	384.66%#	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.59	85	819913	488.00	ng	100
3) C010 Chloromethane	1.78	50	870279	491.96	ng	97
4) C020 Vinyl chloride	1.86	62	830571	469.57	ng	95
5) C015 Bromomethane	2.13	94	410431	333.66	ng	97
6) C025 Chloroethane	2.22	64	505439	471.65	ng	98
7) C275 Trichlorofluorometha	2.42	101	1419961	498.16	ng	95
8) C045 1,1-Dichloroethene	2.81	96	656455	490.45	ng	99
9) C030 Methylene chloride	3.18	84	801762	476.94	ng	93
10) C040 Carbon disulfide	3.00	76	2315603	462.26	ng	100
11) C036 Acrolein	2.75	56	1294983	9645.07	ng	98
12) C038 Acrylonitrile	3.35	53	3580066	9138.60	ng	95
13) C035 Acetone	2.86	43	835154	2353.34	ng	# 83
14) C300 Acetonitrile	3.08	41	2235306	17539.46	ng	97
15) C276 Iodomethane	2.95	142	969954	506.03	ng	98
16) C291 1,1,2 Trichloro-1,2,	2.79	101	560328	451.38	ng	93
17) C962 T-butyl Methyl Ether	3.34	73	2158088	475.66	ng	# 60
18) C057 trans-1,2-Dichloroet	3.36	96	738527	464.48	ng	93
19) C255 Methyl Acetate	3.08	43	570942	469.09	ng	91
20) C050 1,1-Dichloroethane	3.66	63	1532158	482.46	ng	96
21) C125 Vinyl Acetate	3.67	43	5935005	2425.21	ng	96
22) C051 2,2-Dichloropropane	4.07	77	1527618	496.39	ng	# 33
23) C056 cis-1,2-Dichloroethe	4.08	96	949917	472.98	ng	88
24) C272 Tetrahydrofuran	4.29	42	841888	2436.60	ng	# 50
25) C222 Bromochloromethane	4.27	128	418451	496.23	ng	92
26) C060 Chloroform	4.30	83	1844335	479.99	ng	94
27) C115 1,1,1-Trichloroethan	4.44	97	1625281	506.07	ng	94
28) C120 Carbon tetrachloride	4.56	117	1329022	507.49	ng	97
29) C116 1,1-Dichloropropene	4.55	75	1184724	477.52	ng	93
32) C165 Benzene	4.72	78	3691196	493.16	ng	100
33) C065 1,2-Dichloroethane	4.74	62	1354154	496.75	ng	98
34) C110 2-Butanone	4.08	43	1368411	2325.73	ng	92
35) C256 Cyclohexane	4.47	56	1245761	481.47	ng	# 78
36) C150 Trichloroethene	5.19	95	903436	488.08	ng	95
37) C140 1,2-Dichloropropane	5.38	63	882333	496.52	ng	98

Data File : H:\GCMS_VOA\R\041306\R8428.D

Vial: 3

Acq On : 13 Apr 2006 1:42

Operator: CDC

Sample : VSTD100

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 07:04:36 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 07:04:50 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8430.D (13 Apr 2006 2:28)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)
								Rcv(Ar)
38)	C278	Dibromomethane	5.48	93	514543	499.42	ng	98
39)	C130	Bromodichloromethane	5.59	83	1329358	509.34	ng	97
40)	C161	2-Chloroethylvinyl E	5.79	63	2151910	2582.08	ng	91
41)	C012	Methylcyclohexane	5.32	83	1164308	473.99	ng	87
42)	C145	cis-1,3-Dichloroprop	5.94	75	1474992	520.89	ng	100
45)	C230	Toluene	6.20	92	2348341	480.83	ng	99
46)	C170	trans-1,3-Dichloropr	5.94	75	1474992	482.32	ng	100
47)	C284	Ethyl Methacrylate	6.40	69	1051862	511.91	ng	# 76
48)	C160	1,1,2-Trichloroethan	6.56	83	625973	505.79	ng	95
49)	C210	4-Methyl-2-pentanone	6.03	43	3029144	2413.78	ng	# 89
50)	C220	Tetrachloroethene	6.67	166	846106	419.98	ng	94
51)	C221	1,3-Dichloropropane	6.70	76	1326446	477.04	ng	97
52)	C155	Dibromochloromethane	6.91	129	896017	487.53	ng	99
53)	C163	1,2-Dibromoethane	7.02	107	748801	485.89	ng	99
54)	C215	2-Hexanone	6.72	43	2184718	2574.92	ng	92
55)	C235	Chlorobenzene	7.43	112	2488219	469.93	ng	92
56)	C281	1,1,1,2-Tetrachloroe	7.49	131	946345	487.82	ng	# 83
57)	C240	Ethylbenzene	7.49	91	4487907	490.88	ng	97
58)	C246	m,p-Xylene	7.60	106	3275643	941.74	ng	88
59)	C247	o-Xylene	7.97	106	1733638	502.37	ng	# 86
60)	C245	Styrene	7.99	104	2854353	502.08	ng	90
63)	C180	Bromoform	8.21	173	643341	511.80	ng	95
64)	C966	Isopropylbenzene	8.30	105	4653400	498.12	ng	100
65)	C301	Bromobenzene	8.63	156	1153687	467.73	ng	# 82
66)	C225	1,1,2,2-Tetrachloroe	8.61	83	1033465	487.02	ng	97
67)	C282	1,2,3-Trichloropropa	8.65	110	290179	472.77	ng	100
68)	C283	t-1,4-Dichloro-2-But	8.65	53	1471782	2506.24	ng	# 69
69)	C302	n-Propylbenzene	8.67	91	5494112	458.30	ng	99
70)	C303	2-Chlorotoluene	8.78	126	1050335	464.01	ng	100
71)	C289	4-Chlorotoluene	8.87	126	1000410	464.32	ng	100
72)	C304	1,3,5-Trimethylbenze	8.82	105	3931268	478.55	ng	96
73)	C306	tert-Butylbenzene	9.10	134	854538	497.50	ng	100
74)	C307	1,2,4-Trimethylbenze	9.14	105	3915969	469.80	ng	100
75)	C308	sec-Butylbenzene	9.28	105	4708753	466.51	ng	99
76)	C260	1,3-Dichlorobenzene	9.41	146	1967885	419.42	ng	97
77)	C309	4-Isopropyltoluene	9.10	119	3641549	483.25	ng	# 49
78)	C267	1,4-Dichlorobenzene	9.48	146	2021890	427.72	ng	94
79)	C249	1,2-Dichlorobenzene	9.78	146	2192446	453.33	ng	99
80)	C310	n-Butylbenzene	9.72	91	3219480	469.39	ng	99
81)	C286	1,2-Dibromo-3-Chloro	10.35	75	235266	488.77	ng	# 70
82)	C313	1,2,4-Trichlorobenze	10.90	180	1380947	454.91	ng	96
83)	C316	Hexachlorobutadiene	10.98	225	653935	396.44	ng	91
84)	C314	Naphthalene	11.07	128	3119903	589.51	ng	100
85)	C934	1,2,3-Trichlorobenze	11.22	180	1409925	492.56	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0004279-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File Id: R8465.RR Calibration Date: 04/13/2006 Time: 20:46

Intrument ID: HP5973R Init. Calib. Date(s): 04/13/2006 04/13/2006

Heated Purge (Y/N): N Init. Calib. Times: 01:42 03:14

GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5140	0.5068	0.1000	1.400	100.00
Bromomethane	0.3580	0.2763	0.0100	22.800	100.00
Vinyl chloride	0.5140	0.5035	0.0100	2.000	20.00
Chloroethane	0.3120	0.3212	0.0100	-2.900	100.00
Methylene chloride	0.4890	0.5013	0.0100	-2.500	100.00
Acetone	0.1030	0.0888	0.0100	13.800	100.00
Carbon Disulfide	1.4570	1.4999	0.0100	-2.900	100.00
1,1-Dichloroethene	0.3890	0.4099	0.0100	-5.400	20.00
1,1-Dichloroethane	0.9230	1.0572	0.1000	-14.500	100.00
cis-1,2-Dichloroethene	0.5840	0.5768	0.0100	1.200	100.00
trans-1,2-Dichloroethene	0.4620	0.4754	0.0100	-2.900	100.00
Chloroform	1.1170	1.1624	0.0100	-4.100	20.00
1,2-Dichloroethane	0.7930	0.8228	0.0100	-3.800	100.00
2-Butanone	0.1710	0.1420	0.0100	17.000	100.00
1,1,1-Trichloroethane	0.9340	1.0071	0.0100	-7.800	100.00
Carbon Tetrachloride	0.7620	0.8598	0.0100	-12.800	100.00
Bromodichloromethane	0.7590	0.8206	0.0100	-8.100	100.00
1,2-Dichloropropane	0.5170	0.5242	0.0100	-1.400	20.00
cis-1,3-Dichloropropene	0.8230	0.8287	0.0100	-0.700	100.00
Trichloroethene	0.5380	0.5292	0.0100	1.600	100.00
Dibromochloromethane	0.5270	0.5038	0.0100	4.400	100.00
1,1,2-Trichloroethane	0.3550	0.3683	0.0100	-3.700	100.00
Benzene	2.1770	2.1986	0.0100	-1.000	100.00
trans-1,3-Dichloropropene	0.8780	0.8489	0.0100	3.300	100.00
Bromoform	0.5510	0.4823	0.1000	12.500	100.00
4-Methyl-2-pentanone	0.3600	0.3024	0.0100	16.000	100.00
2-Hexanone	0.2440	0.2036	0.0100	16.600	100.00
Tetrachloroethene	0.5780	0.5409	0.0100	6.400	100.00
1,1,2,2-Tetrachloroethane	0.9310	0.7705	0.3000	17.200	100.00
Toluene	1.4020	1.4379	0.0100	-2.600	20.00
Chlorobenzene	1.5200	1.4904	0.3000	1.900	100.00
Ethylbenzene	2.6240	2.6915	0.0100	-2.600	20.00
Styrene	1.6320	1.7038	0.0100	-4.400	100.00
Total Xylenes	0.9900	1.0064	0.0100	-1.600	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3610	0.3853	0.0100	-6.700	100.00
1,2,4-Trichlorobenzene	1.3310	1.1153	0.0100	16.200	100.00
1,2-Dibromo-3-chloropropane	0.2110	0.1751	0.0100	17.000	100.00
1,2-Dibromoethane	0.4420	0.4107	0.0100	7.100	100.00
1,2-Dichlorobenzene	2.1210	1.9542	0.0100	7.900	100.00

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0004279-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: R8465.RR Calibration Date: 04/13/2006 Time: 20:46

Intrument ID: HP5973R Init. Calib. Date(s): 04/13/2006 04/13/2006

Heated Purge (Y/N): N Init. Calib. Times: 01:42 03:14

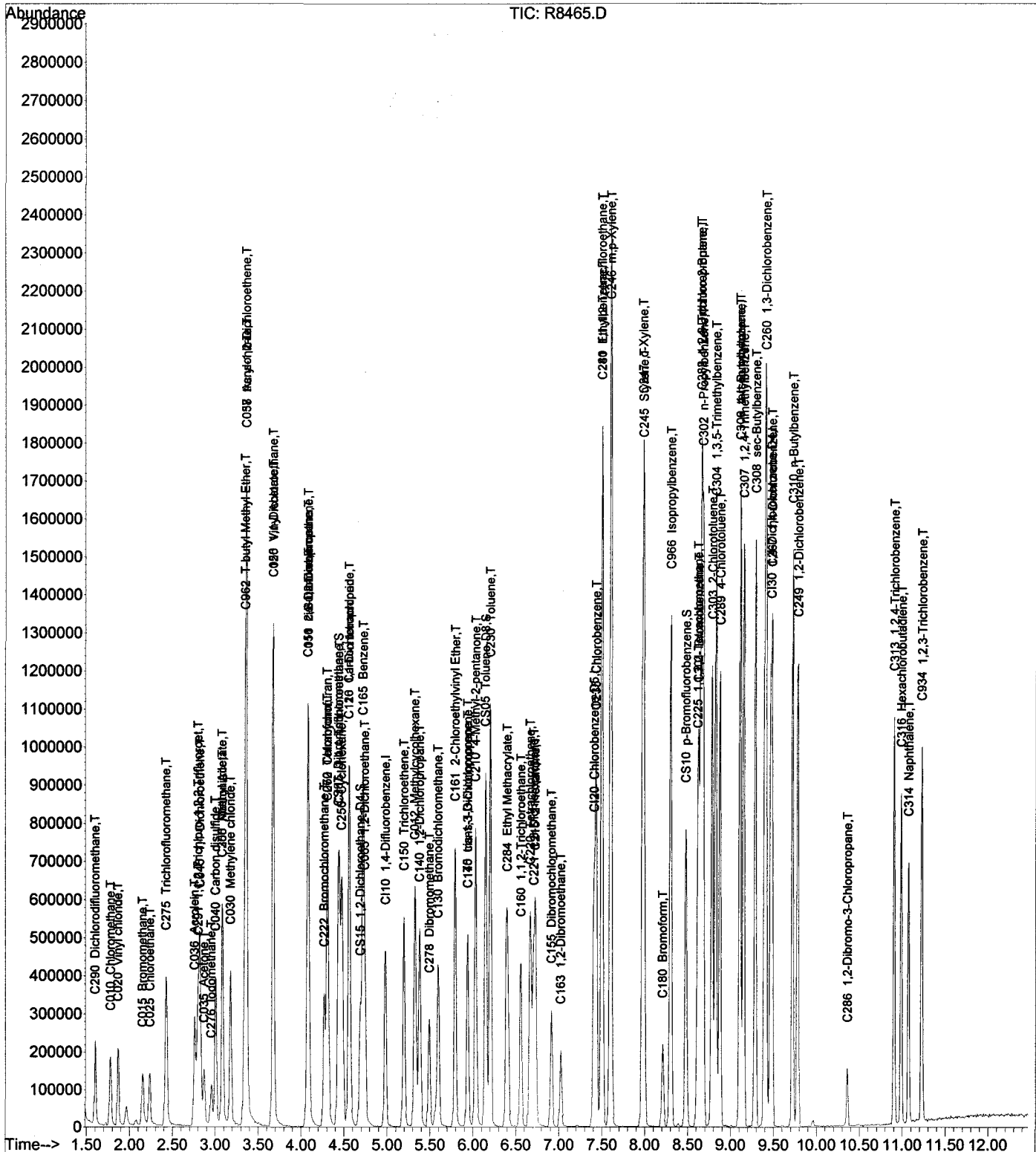
GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.0570	1.9232	0.0100	6.500	100.00
1,4-Dichlorobenzene	2.0730	1.9163	0.0100	7.600	100.00
Cyclohexane	0.7520	0.7398	0.0100	1.600	100.00
Dichlorodifluoromethane	0.4890	0.5292	0.0100	-8.200	100.00
Methyl acetate	0.3540	0.2899	0.0100	18.100	100.00
Trichlorofluoromethane	0.8290	0.9903	0.0100	-19.400	100.00
Methyl-t-Butyl Ether (MTBE)	1.3190	1.2178	0.0100	7.700	100.00
Isopropylbenzene	4.0970	3.9634	0.0100	3.300	100.00
Methylcyclohexane	0.7140	0.7320	0.0100	-2.500	100.00
=====					
Toluene-D8	1.9820	1.8032	0.0100	9.000	100.00
p-Bromofluorobenzene	0.6810	0.6522	0.0100	4.200	100.00
1,2-Dichloroethane-D4	0.6620	0.6323	0.0100	4.500	100.00

Data File : H:\GCMS_VOA\R\041306\R8465.D
Acq On : 13 Apr 2006 20:46
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: CDC
Inst : HP5973R
Multiplr: 1.00

Quant Time: Apr 13 21:46:54 2006 Results File: A6I001371_E2.RES
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Apr 13 17:13:27 2006
Response via : Initial Calibration
DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8465.D

Vial: 1

Acq On : 13 Apr 2006 20:46

Operator: CDC

Sample : VSTD025

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 21:46:54 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 SML WATER

Last Update : Thu Apr 13 17:13:27 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8434.D (13 Apr 2006 7:40)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.98	114	339505	125.00	ng	0.00
						72.78%
43) CI20 Chlorobenzene-D5	7.40	117	331415	125.00	ng	0.00
						75.96%
62) CI30 1,4-Dichlorobenzene-	9.46	152	227258	125.00	ng	0.00
						82.94%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	171641	115.92	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	92.74%
31) CS15 1,2-Dichloroethane-D	4.69	65	214683	119.33	ng	0.00
Spiked Amount	125.000	Range	72 - 143	Recovery	=	95.46%
44) CS05 Toluene-D8	6.14	98	597601	113.73	ng	0.00
Spiked Amount	125.000	Range	76 - 116	Recovery	=	90.98%
61) CS10 p-Bromofluorobenzene	8.47	174	216143	119.77	ng	0.00
Spiked Amount	125.000	Range	73 - 117	Recovery	=	95.82%

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.60	85	179679	135.40	ng	97
3) C010 Chloromethane	1.78	50	172075	123.16	ng	100
4) C020 Vinyl chloride	1.86	62	170947	122.37	ng	97
5) C015 Bromomethane	2.15	94	93799	96.55	ng	93
6) C025 Chloroethane	2.23	64	109040	128.83	ng	95
7) C275 Trichlorofluorometha	2.42	101	336225	149.35	ng	96
8) C045 1,1-Dichloroethene	2.82	96	139166	131.64	ng	99
9) C030 Methylene chloride	3.18	84	170200	128.19	ng	94
10) C040 Carbon disulfide	3.00	76	509221	128.71	ng	99
11) C036 Acrolein	2.76	56	205212	1935.17	ng	99
12) C038 Acrylonitrile	3.36	53	706926	2284.74	ng	95
13) C035 Acetone	2.87	43	150823	538.10	ng	# 79
14) C300 Acetonitrile	3.08	41	448142	4452.15	ng	98
15) C276 Iodomethane	2.95	142	121098	79.99	ng	96
16) C291 1,1,2 Trichloro-1,2,	2.79	101	130826	133.44	ng	88
17) C962 T-butyl Methyl Ether	3.34	73	413464	115.38	ng	# 59
18) C057 trans-1,2-Dichloroet	3.36	96	161389	128.51	ng	89
19) C255 Methyl Acetate	3.09	43	98431	102.39	ng	92
20) C050 1,1-Dichloroethane	3.66	63	358935	143.10	ng	97
21) C125 Vinyl Acetate	3.67	43	1189100	615.21	ng	96
22) C051 2,2-Dichloropropane	4.07	77	333169	137.07	ng	# 34
23) C056 cis-1,2-Dichloroethe	4.08	96	195818	123.45	ng	# 84
24) C272 Tetrahydrofuran	4.30	42	137154	502.59	ng	# 37
25) C222 Bromochloromethane	4.27	128	85929	129.02	ng	89
26) C060 Chloroform	4.31	83	394633	130.04	ng	99
27) C115 1,1,1-Trichloroethan	4.44	97	341926	134.80	ng	95
28) C120 Carbon tetrachloride	4.56	117	291897	141.12	ng	96
29) C116 1,1-Dichloropropene	4.55	75	245959	125.52	ng	95
32) C165 Benzene	4.72	78	746431	126.27	ng	98
33) C065 1,2-Dichloroethane	4.74	62	279328	129.74	ng	97
34) C110 2-Butanone	4.08	43	241006	518.61	ng	93
35) C256 Cyclohexane	4.47	56	251173	122.91	ng	# 75
36) C150 Trichloroethene	5.19	95	179673	122.90	ng	96
37) C140 1,2-Dichloropropane	5.38	63	177976	126.81	ng	98

Data File : H:\GCMS_VOA\R\041306\R8465.D

Vial: 1

Acq On : 13 Apr 2006 20:46

Operator: CDC

Sample : VSTD025

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 21:46:54 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 17:13:27 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8434.D (13 Apr 2006 7:40)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)
								Rcv(Ar)
38)	C278	Dibromomethane	5.48	93	101179	124.34	ng	96
39)	C130	Bromodichloromethane	5.59	83	278588	135.15	ng	97
40)	C161	2-Chloroethylvinyl E	5.79	63	304079	461.96	ng	92
41)	C012	Methylcyclohexane	5.32	83	248505	128.09	ng	87
42)	C145	cis-1,3-Dichloroprop	5.94	75	281351	125.80	ng	98
45)	C230	Toluene	6.20	92	476550	128.23	ng	97
46)	C170	trans-1,3-Dichloropr	5.94	75	281351	120.90	ng	98
47)	C284	Ethyl Methacrylate	6.40	69	167645	107.22	ng	# 77
48)	C160	1,1,2-Trichloroethan	6.56	83	122046	129.59	ng	97
49)	C210	4-Methyl-2-pentanone	6.03	43	501069	524.71	ng	# 88
50)	C220	Tetrachloroethene	6.67	166	179255	116.93	ng	92
51)	C221	1,3-Dichloropropane	6.70	76	252734	119.45	ng	98
52)	C155	Dibromochloromethane	6.91	129	166969	119.39	ng	100
53)	C163	1,2-Dibromoethane	7.02	107	136101	116.06	ng	97
54)	C215	2-Hexanone	6.72	43	337463	522.68	ng	91
55)	C235	Chlorobenzene	7.43	112	493948	122.59	ng	93
56)	C281	1,1,1,2-Tetrachloroe	7.49	131	194873	132.01	ng	# 84
57)	C240	Ethylbenzene	7.49	91	891999	128.21	ng	96
58)	C246	m,p-Xylene	7.60	106	682446	257.84	ng	87
59)	C247	o-Xylene	7.97	106	333531	127.01	ng	88
60)	C245	Styrene	7.99	104	564679	130.53	ng	89
63)	C180	Bromoform	8.21	173	109599	109.36	ng	98
64)	C966	Isopropylbenzene	8.30	105	900721	120.94	ng	100
65)	C301	Bromobenzene	8.63	156	233583	118.78	ng	# 84
66)	C225	1,1,2,2-Tetrachloroe	8.61	83	175109	103.51	ng	98
67)	C282	1,2,3-Trichloropropa	8.66	110	53028	108.37	ng	100
68)	C283	t-1,4-Dichloro-2-But	8.65	53	261433	558.40	ng	# 72
69)	C302	n-Propylbenzene	8.67	91	1172717	122.70	ng	99
70)	C303	2-Chlorotoluene	8.78	126	209590	116.14	ng	100
71)	C289	4-Chlorotoluene	8.87	126	205065	119.38	ng	100
72)	C304	1,3,5-Trimethylbenze	8.82	105	813607	124.23	ng	96
73)	C306	tert-Butylbenzene	9.10	134	172416	125.91	ng	100
74)	C307	1,2,4-Trimethylbenze	9.14	105	829776	124.87	ng	98
75)	C308	sec-Butylbenzene	9.28	105	993250	123.43	ng	93
76)	C260	1,3-Dichlorobenzene	9.41	146	437052	116.84	ng	97
77)	C309	4-Isopropyltoluene	9.10	119	743315	123.73	ng	# 45
78)	C267	1,4-Dichlorobenzene	9.48	146	435499	115.56	ng	94
79)	C249	1,2-Dichlorobenzene	9.78	146	444098	115.18	ng	100
80)	C310	n-Butylbenzene	9.72	91	688223	125.86	ng	98
81)	C286	1,2-Dibromo-3-Chloro	10.35	75	39796	103.70	ng	# 60
82)	C313	1,2,4-Trichlorobenze	10.90	180	253458	104.73	ng	98
83)	C316	Hexachlorobutadiene	10.98	225	142972	108.72	ng	97
84)	C314	Naphthalene	11.07	128	422769	100.20	ng	100
85)	C934	1,2,3-Trichlorobenze	11.22	180	241451	105.80	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0004288-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: R8497.RR Calibration Date: 04/14/2006 Time: 11:56

Intrument ID: HP5973R Init. Calib. Date(s): 04/13/2006 04/13/2006

Heated Purge (Y/N): N Init. Calib. Times: 01:42 03:14

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5140	0.4914	0.1000	4.400	100.00
Bromomethane	0.3580	0.3579	0.0100	0.000	100.00
Vinyl chloride	0.5140	0.5079	0.0100	1.200	20.00
Chloroethane	0.3120	0.3095	0.0100	0.800	100.00
Methylene chloride	0.4890	0.4881	0.0100	0.200	100.00
Acetone	0.1030	0.1073	0.0100	-4.200	100.00
Carbon Disulfide	1.4570	1.4892	0.0100	-2.200	100.00
1,1-Dichloroethene	0.3890	0.4158	0.0100	-6.900	20.00
1,1-Dichloroethane	0.9230	1.1135	0.1000	-20.600	100.00
cis-1,2-Dichloroethene	0.5840	0.5779	0.0100	1.000	100.00
trans-1,2-Dichloroethene	0.4620	0.4795	0.0100	-3.800	100.00
Chloroform	1.1170	1.2155	0.0100	-8.800	20.00
1,2-Dichloroethane	0.7930	0.8519	0.0100	-7.400	100.00
2-Butanone	0.1710	0.1684	0.0100	1.500	100.00
1,1,1-Trichloroethane	0.9340	1.0319	0.0100	-10.500	100.00
Carbon Tetrachloride	0.7620	0.8352	0.0100	-9.600	100.00
Bromodichloromethane	0.7590	0.8192	0.0100	-7.900	100.00
1,2-Dichloropropane	0.5170	0.5338	0.0100	-3.200	20.00
cis-1,3-Dichloropropene	0.8230	0.8589	0.0100	-4.400	100.00
Trichloroethene	0.5380	0.5565	0.0100	-3.400	100.00
Dibromochloromethane	0.5270	0.5252	0.0100	0.300	100.00
1,1,2-Trichloroethane	0.3550	0.3875	0.0100	-9.200	100.00
Benzene	2.1770	2.2685	0.0100	-4.200	100.00
trans-1,3-Dichloropropene	0.8780	0.8774	0.0100	0.100	100.00
Bromoform	0.5510	0.5072	0.1000	7.900	100.00
4-Methyl-2-pentanone	0.3600	0.3536	0.0100	1.800	100.00
2-Hexanone	0.2440	0.2370	0.0100	2.900	100.00
Tetrachloroethene	0.5780	0.5525	0.0100	4.400	100.00
1,1,2,2-Tetrachloroethane	0.9310	0.8333	0.3000	10.500	100.00
Toluene	1.4020	1.4377	0.0100	-2.500	20.00
Chlorobenzene	1.5200	1.4845	0.3000	2.300	100.00
Ethylbenzene	2.6240	2.6526	0.0100	-1.100	20.00
Styrene	1.6320	1.6771	0.0100	-2.800	100.00
Total Xylenes	0.9900	1.0089	0.0100	-1.900	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3610	0.3757	0.0100	-4.100	100.00
1,2,4-Trichlorobenzene	1.3310	1.1174	0.0100	16.000	100.00
1,2-Dibromo-3-chloropropane	0.2110	0.1851	0.0100	12.300	100.00
1,2-Dibromoethane	0.4420	0.4319	0.0100	2.300	100.00
1,2-Dichlorobenzene	2.1210	1.9174	0.0100	9.600	100.00

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0004288-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Lab File Id: R8497.RR Calibration Date: 04/14/2006 Time: 11:56

Intrument ID: HP5973R Init. Calib. Date(s): 04/13/2006 04/13/2006

Heated Purge (Y/N): N Init. Calib. Times: 01:42 03:14

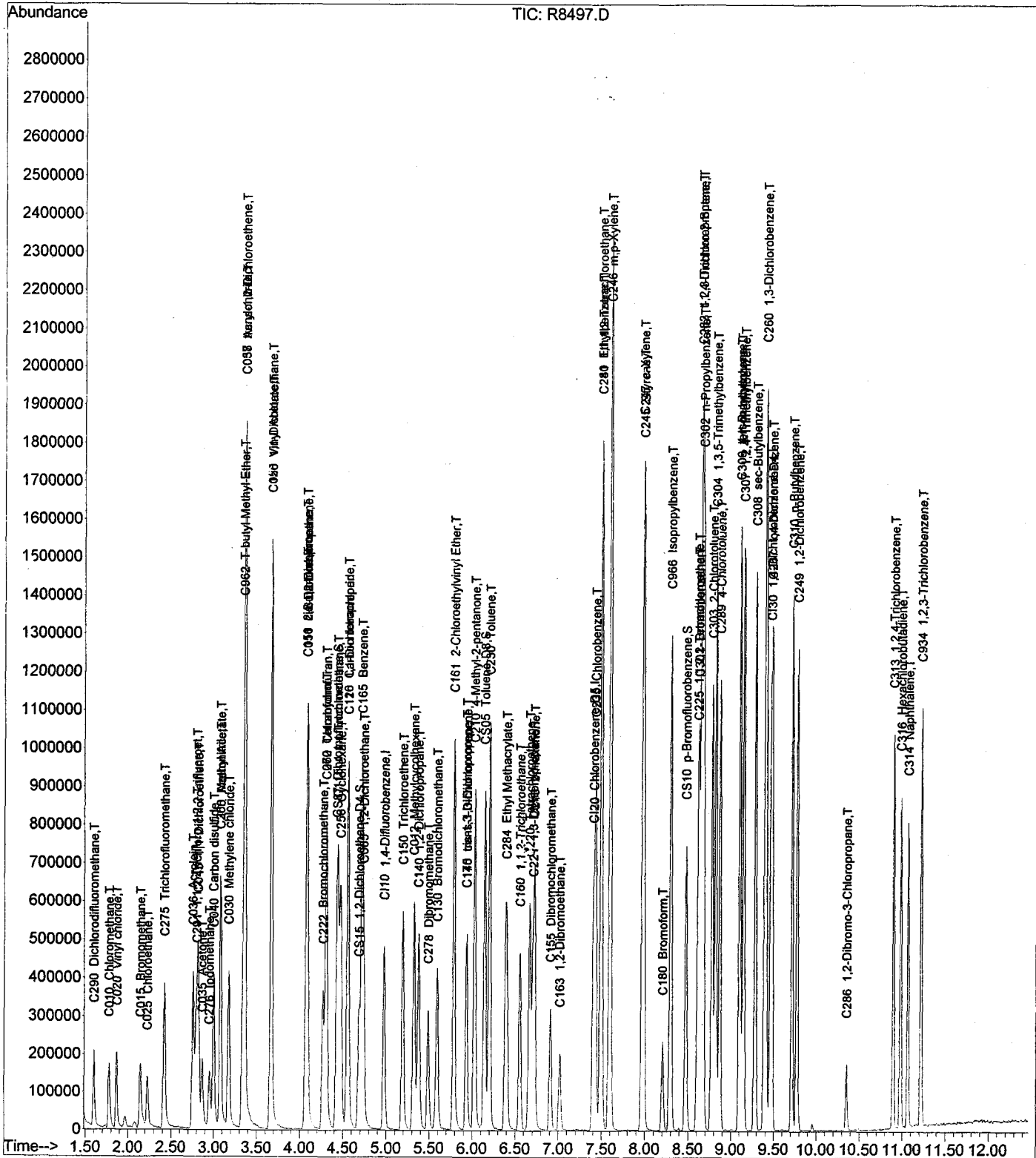
GC Column: DB-624 ID: 0.25 (mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.0570	1.8217	0.0100	11.400	100.00
1,4-Dichlorobenzene	2.0730	1.8144	0.0100	12.500	100.00
Cyclohexane	0.7520	0.7537	0.0100	-0.200	100.00
Dichlorodifluoromethane	0.4890	0.4826	0.0100	1.300	100.00
Methyl acetate	0.3540	0.3200	0.0100	9.600	100.00
Trichlorofluoromethane	0.8290	0.9441	0.0100	-13.900	100.00
Methyl-t-Butyl Ether (MTBE)	1.3190	1.3207	0.0100	-0.100	100.00
Isopropylbenzene	4.0970	3.6861	0.0100	10.000	100.00
Methylcyclohexane	0.7140	0.6873	0.0100	3.700	100.00
=====					
Toluene-D8	1.9820	1.7235	0.0100	13.000	100.00
p-Bromofluorobenzene	0.6810	0.6293	0.0100	7.600	100.00
1,2-Dichloroethane-D4	0.6620	0.6197	0.0100	6.400	100.00

Data File : H:\GCMS_VOA\R\041406\R8497.D
Acq On : 14 Apr 2006 11:56
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: TRB
Inst : HP5973R
Multiplr: 1.00

Quant Time: Apr 14 12:17:36 2006 Results File: A6I001371_E2.RES
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Apr 13 21:49:04 2006
Response via : Initial Calibration
DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041406\R8497.D

Acq On : 14 Apr 2006 11:56

Sample : VSTD025

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 14 12:17:36 2006

Vial: 1

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 SML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.98	114	341556	125.00	ng	0.00
							100.60%
43)	CI20 Chlorobenzene-D5	7.40	117	334359	125.00	ng	0.00
							100.89%
62)	CI30 1,4-Dichlorobenzene-	9.46	152	234726	125.00	ng	0.00
							103.29%

System Monitoring Compounds

30)	CS87 Dibromofluoromethane	4.43	111	170538	114.48	ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	=	91.58%
31)	CS15 1,2-Dichloroethane-D	4.69	65	211667	116.95	ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	=	93.56%
44)	CS05 Toluene-D8	6.14	98	576265	108.70	ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	=	86.96%
61)	CS10 p-Bromofluorobenzene	8.47	174	210396	115.56	ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	=	92.45%

Target Compounds

							Qvalue
2)	C290 Dichlorodifluorometh	1.60	85	164837	123.47	ng	97
3)	C010 Chloromethane	1.78	50	167846	119.41	ng	99
4)	C020 Vinyl chloride	1.87	62	173492	123.44	ng	98
5)	C015 Bromomethane	2.15	94	122246	125.07	ng	93
6)	C025 Chloroethane	2.23	64	105728	124.17	ng	97
7)	C275 Trichlorofluorometha	2.42	101	322471	142.38	ng	97
8)	C045 1,1-Dichloroethene	2.82	96	142007	133.52	ng	97
9)	C030 Methylene chloride	3.18	84	166718	124.81	ng	98
10)	C040 Carbon disulfide	3.00	76	508653	127.79	ng	100
11)	C036 Acrolein	2.76	56	287095	2691.07	ng	97
12)	C038 Acrylonitrile	3.36	53	795320	2554.99	ng	95
13)	C035 Acetone	2.87	43	183229	649.79	ng	# 87
14)	C300 Acetonitrile	3.08	41	489577	4834.59	ng	97
15)	C276 Iodomethane	2.95	142	173674	114.03	ng	94
16)	C291 1,1,2 Trichloro-1,2,	2.79	101	128330	130.10	ng	92
17)	C962 T-butyl Methyl Ether	3.34	73	451105	125.13	ng	# 60
18)	C057 trans-1,2-Dichloroet	3.36	96	163775	129.63	ng	91
19)	C255 Methyl Acetate	3.09	43	109297	113.01	ng	93
20)	C050 1,1-Dichloroethane	3.66	63	380311	150.72	ng	96
21)	C125 Vinyl Acetate	3.67	43	1463183	752.46	ng	97
22)	C051 2,2-Dichloropropane	4.07	77	336245	137.51	ng	# 34
23)	C056 cis-1,2-Dichloroethe	4.08	96	197401	123.70	ng	# 86
24)	C272 Tetrahydrofuran	4.30	42	161930	589.82	ng	# 44
25)	C222 Bromochloromethane	4.27	128	87955	131.27	ng	92
26)	C060 Chloroform	4.31	83	415170	135.98	ng	95
27)	C115 1,1,1-Trichloroethan	4.44	97	352458	138.12	ng	94
28)	C120 Carbon tetrachloride	4.56	117	285284	137.10	ng	93
29)	C116 1,1-Dichloropropene	4.56	75	245813	124.69	ng	95
32)	C165 Benzene	4.72	78	774804	130.28	ng	100
33)	C065 1,2-Dichloroethane	4.74	62	290960	134.33	ng	99
34)	C110 2-Butanone	4.08	43	287527	615.01	ng	91
35)	C256 Cyclohexane	4.47	56	257423	125.21	ng	# 79
36)	C150 Trichloroethene	5.19	95	190073	129.23	ng	96
37)	C140 1,2-Dichloropropane	5.38	63	182320	129.12	ng	99

Data File : H:\GCMS_VOA\R\041406\R8497.D

Vial: 1

Acq On : 14 Apr 2006 11:56

Operator: TRB

Sample : VSTD025

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 12:17:36 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 SML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
38)	C278 Dibromomethane	5.49	93	110342	134.79	ng	98
39)	C130 Bromodichloromethane	5.59	83	279811	134.92	ng	94
40)	C161 2-Chloroethylvinyl E	5.79	63	421054	635.83	ng	93
41)	C012 Methylcyclohexane	5.32	83	234764	120.28	ng	89
42)	C145 cis-1,3-Dichloroprop	5.94	75	293359	130.38	ng	99
45)	C230 Toluene	6.20	92	480704	128.21	ng	96
46)	C170 trans-1,3-Dichloropr	5.94	75	293359	124.95	ng	99
47)	C284 Ethyl Methacrylate	6.40	69	181726	115.20	ng	# 78
48)	C160 1,1,2-Trichloroethan	6.56	83	129549	136.35	ng	95
49)	C210 4-Methyl-2-pentanone	6.03	43	591143	613.58	ng	93
50)	C220 Tetrachloroethene	6.67	166	184750	119.45	ng	91
51)	C221 1,3-Dichloropropane	6.70	76	259346	121.49	ng	97
52)	C155 Dibromochloromethane	6.91	129	175615	124.46	ng	98
53)	C163 1,2-Dibromoethane	7.02	107	144419	122.07	ng	96
54)	C215 2-Hexanone	6.73	43	396183	608.22	ng	91
55)	C235 Chlorobenzene	7.43	112	496354	122.11	ng	91
56)	C281 1,1,1,2-Tetrachloroe	7.49	131	189641	127.33	ng	# 81
57)	C240 Ethylbenzene	7.49	91	886909	126.36	ng	99
58)	C246 m,p-Xylene	7.60	106	685542	256.72	ng	90
59)	C247 o-Xylene	7.97	106	337320	127.32	ng	91
60)	C245 Styrene	7.99	104	560765	128.48	ng	90
63)	C180 Bromoform	8.21	173	119064	115.03	ng	92
64)	C966 Isopropylbenzene	8.30	105	865225	112.47	ng	97
65)	C301 Bromobenzene	8.63	156	225741	111.14	ng	# 87
66)	C225 1,1,2,2-Tetrachloroe	8.61	83	195606	111.94	ng	98
67)	C282 1,2,3-Trichloropropa	8.65	110	54717	108.26	ng	100
68)	C283 t-1,4-Dichloro-2-But	8.65	53	286910	593.32	ng	# 70
69)	C302 n-Propylbenzene	8.67	91	1148476	116.34	ng	98
70)	C303 2-Chlorotoluene	8.78	126	205070	110.02	ng	100
71)	C289 4-Chlorotoluene	8.87	126	201298	113.46	ng	100
72)	C304 1,3,5-Trimethylbenze	8.82	105	802535	118.64	ng	97
73)	C306 tert-Butylbenzene	9.10	134	170295	120.40	ng	100
74)	C307 1,2,4-Trimethylbenze	9.14	105	821461	119.68	ng	99
75)	C308 sec-Butylbenzene	9.28	105	944072	113.59	ng	99
76)	C260 1,3-Dichlorobenzene	9.41	146	427596	110.67	ng	96
77)	C309 4-Isopropyltoluene	9.10	119	730485	117.72	ng	# 49
78)	C267 1,4-Dichlorobenzene	9.48	146	425889	109.41	ng	94
79)	C249 1,2-Dichlorobenzene	9.78	146	450070	113.01	ng	97
80)	C310 n-Butylbenzene	9.72	91	651186	115.30	ng	98
81)	C286 1,2-Dibromo-3-Chloro	10.35	75	43449	109.62	ng	# 65
82)	C313 1,2,4-Trichlorobenze	10.90	180	262279	104.92	ng	99
83)	C316 Hexachlorobutadiene	10.98	225	144614	106.47	ng	94
84)	C314 Naphthalene	11.07	128	490086	112.46	ng	100
85)	C934 1,2,3-Trichlorobenze	11.22	180	273066	115.85	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Raw QC Data

BFB Tune Evaluation

Data File : H:\GCMS_VOA\R\041306\R8427.D

Acq On : 13 Apr 2006 00:15

Sample : 0413BFBR1

Misc :

MS Integration Params: RTEINT.P

Vial: 1

Operator: CDC

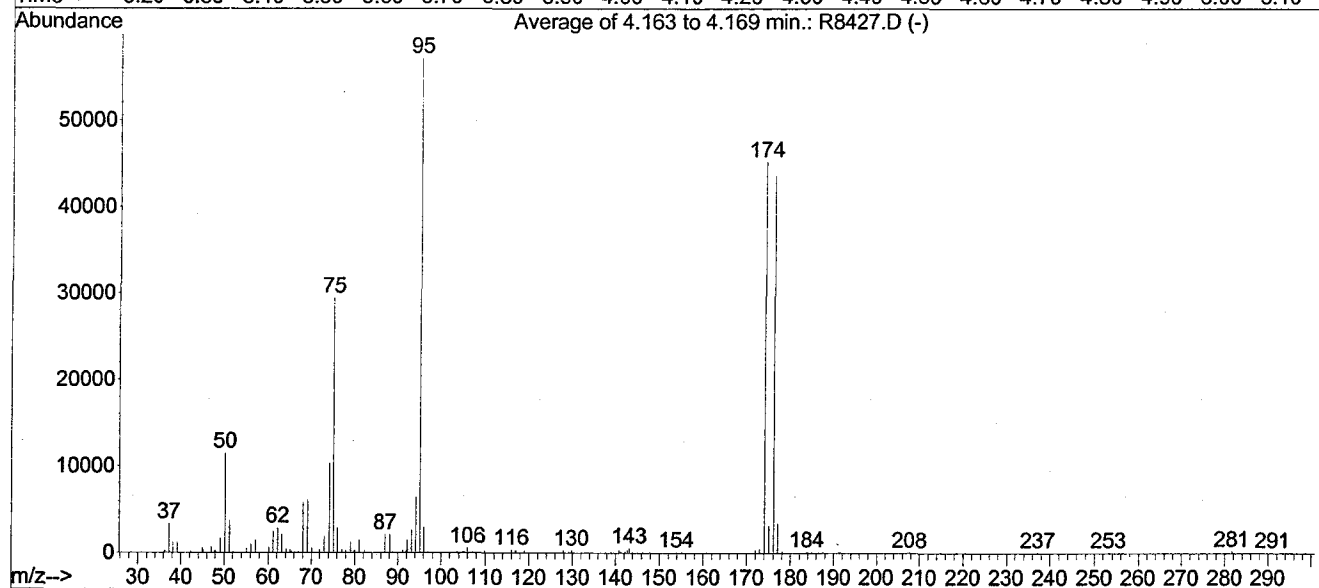
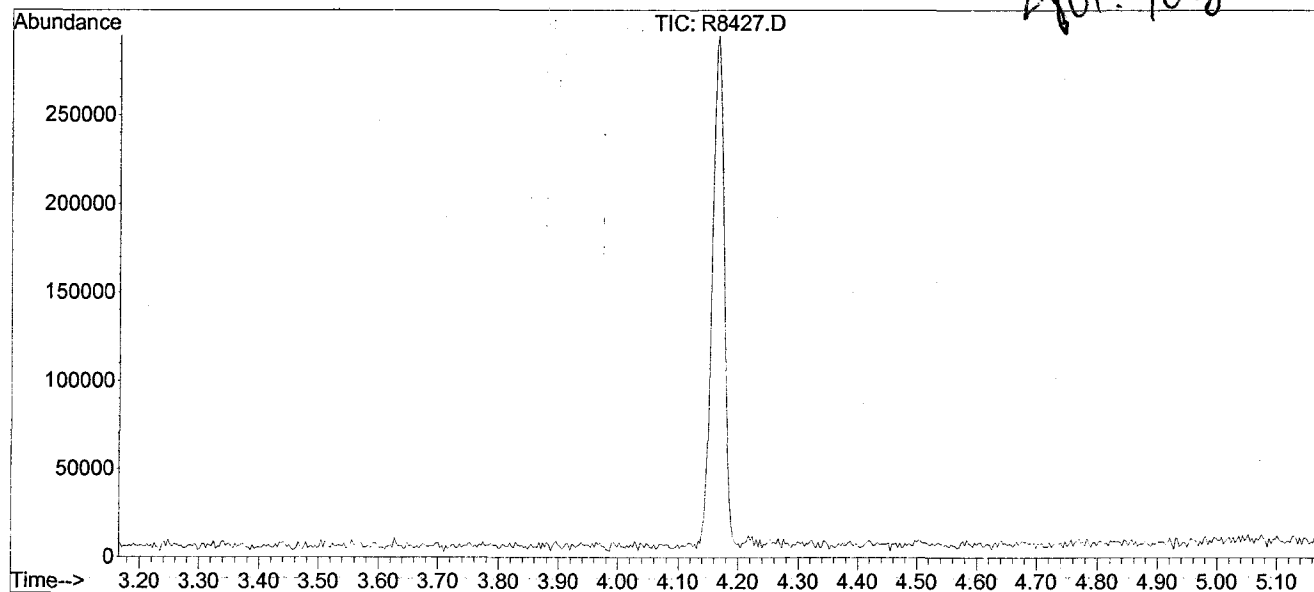
Inst : HP5973R

Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...W\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

A6I. 1058



Peak Apex is scan: 649 (4.17 min)

Average of 3 scans: 648, 649, 650 minus background scan 629 (4.10 min)

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit, %	Limit, %	Abn, %	Abn	Pass/Fail
50	95	15	40	20.1	11486	PASS
75	95	30	60	51.5	29437	PASS
95	95	100	100	100.0	57133	PASS
96	95	5	9	5.2	2983	PASS
173	174	0	2	1.0	438	PASS
174	95	50	100	79.1	45208	PASS
175	174	5	9	7.0	3174	PASS
176	174	95	101	96.3	43546	PASS
177	176	5	9	7.8	3413	PASS

Average of 4.163 to 4.169 min.: R8427.D

0413BFBR1

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.25	317	55.10	524	70.10	579	88.05	2164
37.15	3376	56.10	985	71.90	360	91.10	289
38.20	1293	57.15	1485	73.10	1922	91.90	298
39.10	1247	60.10	590	74.15	10379	92.15	1527
45.00	568	61.15	2468	75.10	29437	93.15	2680
45.20	360	62.15	2870	76.10	2921	94.15	6398
47.05	702	63.15	2145	77.10	390	95.10	57133
48.05	310	64.15	434	79.05	1327	96.05	2983
49.10	1745	65.05	428	80.10	315	106.00	595
50.15	11486	68.10	5842	81.05	1483	115.95	388
51.20	3709	69.15	6101	86.95	2142	127.90	294

Average of 4.163 to 4.169 min.: R8427.D

0413BFBR1

Modified:subtracted

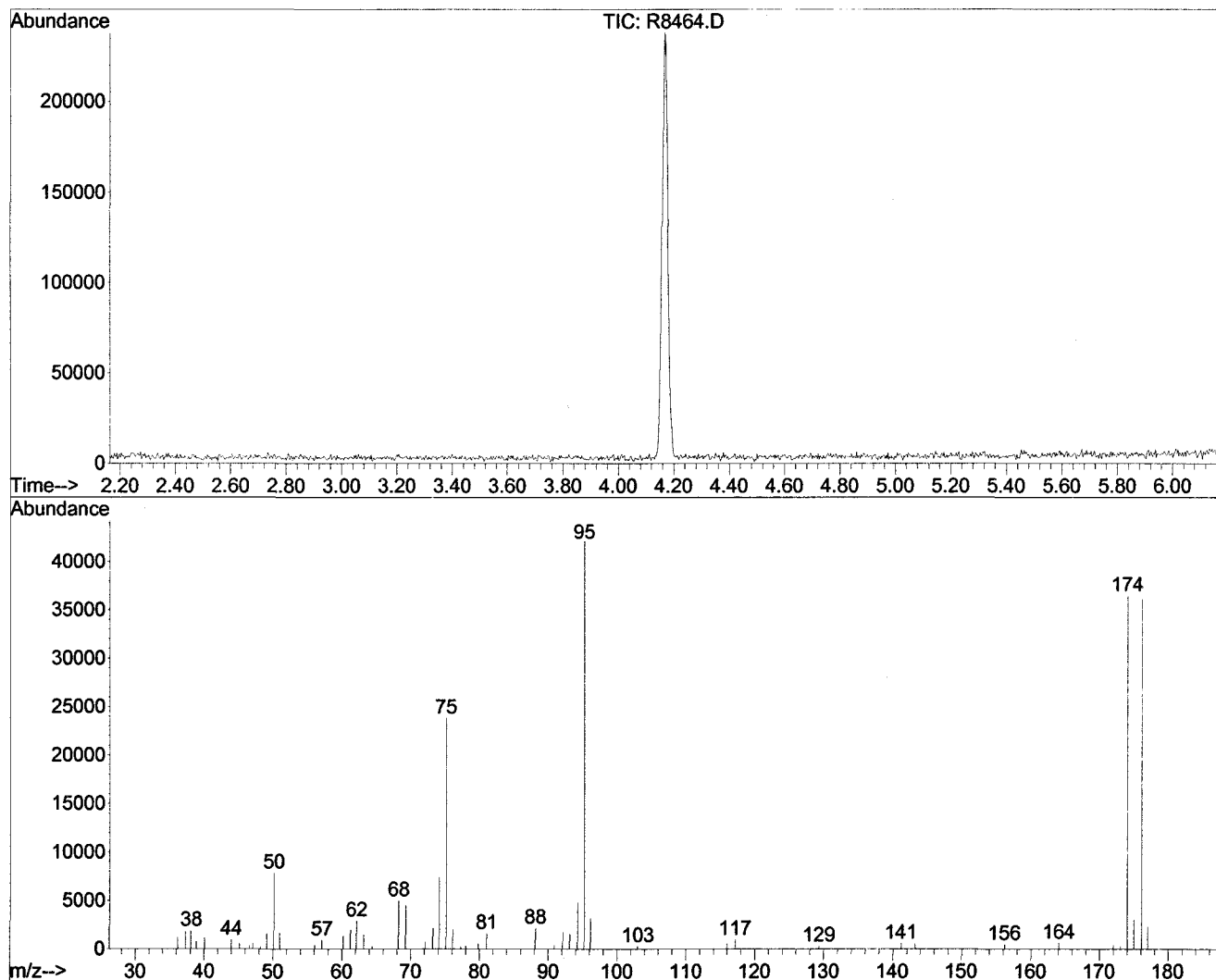
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.85	303						
140.85	350						
142.75	345						
143.20	582						
172.10	342						
172.95	438						
174.05	45208						
175.05	3174						
176.10	43546						
177.05	3413						

BFB

Data File : H:\GCMS_VOA\R\041306\R8464.D
Acq On : 13 Apr 2006 20:17
Sample : 0413BFBR2
Misc :
MS Integration Params: NA

Vial: 34
Operator: CDC
Inst : HP5973R
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...W\A6I001371_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Apr 13 17:13:27 2006
Response via : Initial Calibration



Spectrum Information: Scan 648

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	18.7	7866	PASS
75	95	30	60	56.5	23808	PASS
95	95	100	100	100.0	42136	PASS
96	95	5	9	7.5	3161	PASS
173	174	0.00	2	0.8	286	PASS
174	95	50	100	86.5	36464	PASS
175	174	5	9	8.3	3018	PASS
176	174	95	101	99.0	36104	PASS
177	176	5	9	6.3	2273	PASS

Scan 648 (4.163 min): R8464.D
0413BFBR2

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.20	1194	50.10	7866	72.10	716	92.10	1739
37.30	1814	51.00	1702	73.20	2145	93.10	1564
38.10	1865	56.10	405	74.10	7437	94.20	4829
38.90	763	57.10	958	75.10	23808	95.20	42136
40.10	1195	60.20	1346	76.10	2019	96.10	3161
44.00	933	61.20	2021	77.30	253	103.00	266
45.20	555	62.10	2911	78.00	340	115.90	536
46.60	344	63.20	1460	79.80	554	117.10	986
47.10	551	64.40	275	81.00	1613	129.30	308
48.20	316	68.20	4978	88.10	2145	141.20	556
49.10	1606	69.20	4572	90.90	360	143.20	537

Scan 648 (4.163 min): R8464.D
0413BFBR2

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.20	474						
164.10	621						
172.00	415						
173.00	286						
174.00	36464						
175.00	3018						
176.10	36104						
177.00	2273						

BFB Tune Evaluation

Data File : H:\GCMS_VOA\R\041406\R8496.D

Vial: 34

Acq On : 14 Apr 2006 11:34

Operator: TRB

Sample : 0414BFBR1

Inst : HP5973R

Misc :

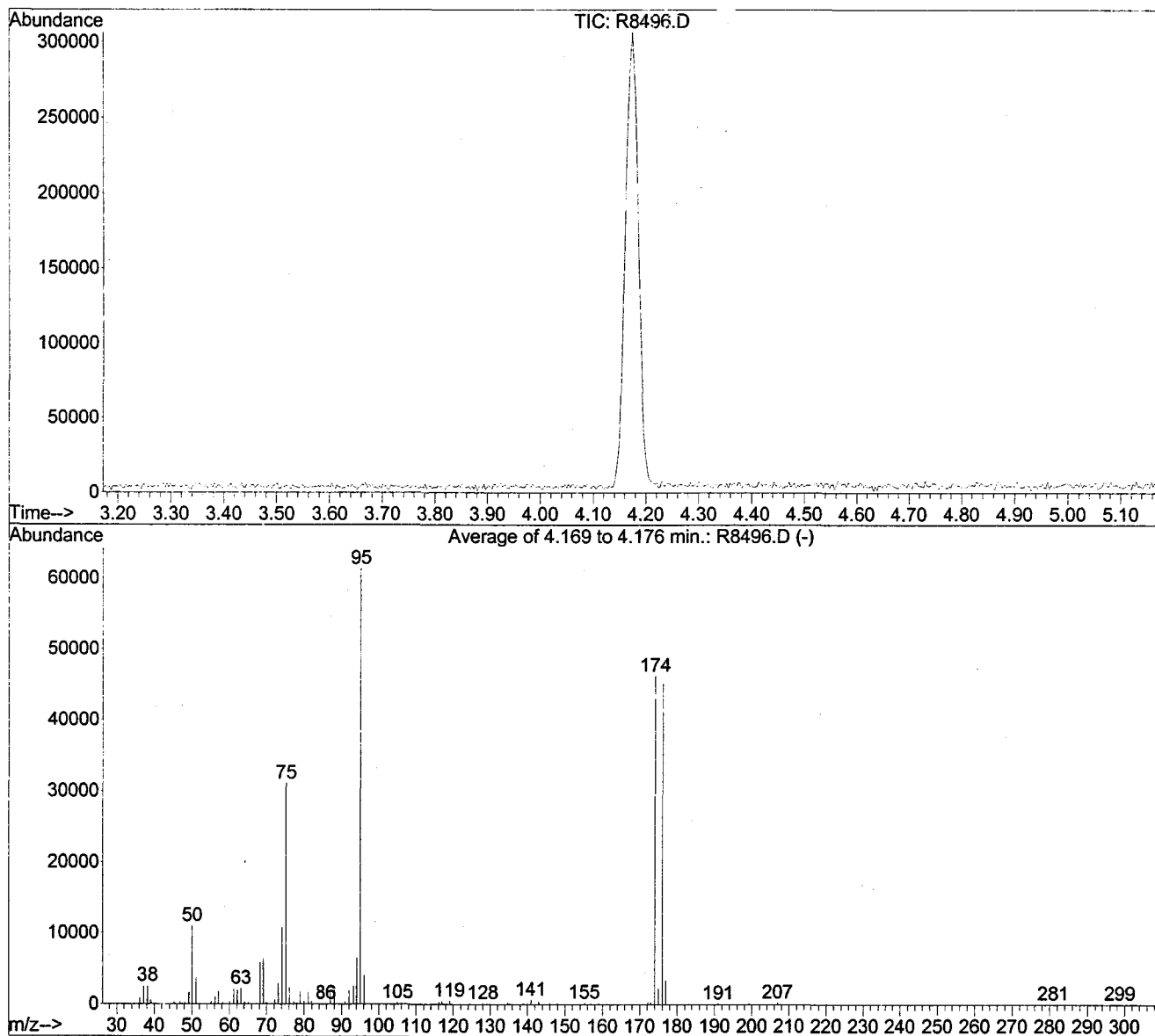
Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\MET...W\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

A6B17209



Peak Apex is scan: 651 (4.17 min)

Average of 3 scans: 650, 651, 652 minus background scan 631 (4.11 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result
Mass	Mass	Limit, %	Limit, %	Abn, %	Abn	Pass/Fail
50	95	15	40	17.9	10997	PASS
75	95	30	60	50.7	31072	PASS
95	95	100	100	100.0	61320	PASS
96	95	5	9	6.7	4134	PASS
173	174	0	2	0.7	338	PASS
174	95	50	100	75.4	46234	PASS
175	174	5	9	5.0	2323	PASS
176	174	95	101	97.6	45120	PASS
177	176	5	9	7.7	3485	PASS

Average of 4.169 to 4.176 min.: R8496.D

0414BFBR1

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.20	844	60.10	394	76.00	688	93.15	2588
37.15	2511	61.20	2050	76.15	2385	94.10	6510
38.15	2595	62.00	1050	77.30	340	95.10	61320
39.00	555	62.20	1960	79.00	1750	96.10	4134
46.95	413	63.15	2189	80.00	434	116.15	334
49.15	1650	68.15	5848	81.10	1686	116.90	409
50.10	10997	69.10	6385	81.90	440	119.00	519
51.15	3717	72.20	625	87.05	1933	140.95	647
55.15	349	73.10	2979	88.05	2051	142.90	450
56.15	1015	74.10	10773	90.95	377	172.20	374
57.10	1825	75.15	31072	92.05	1945	172.95	338

Average of 4.169 to 4.176 min.: R8496.D

0414BFBR1

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
174.00	46234						
175.00	2323						
176.05	45120						
176.95	3485						

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B1714202Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8468.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromofom	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5---	cis-1,3-Dichloropropene	5.0	U
10061-02-6---	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B1714202Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8468.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	5.0	U
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

Data File : H:\GCMS_VOA\R\041306\R8468.D

Acq On : 13 Apr 2006 21:56

Sample : VBLK42

Misc :

MS Integration Params: RTEINT.P

Vial: 4

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 13 22:09:28 2006

Results File: A6I001371_E2.RES

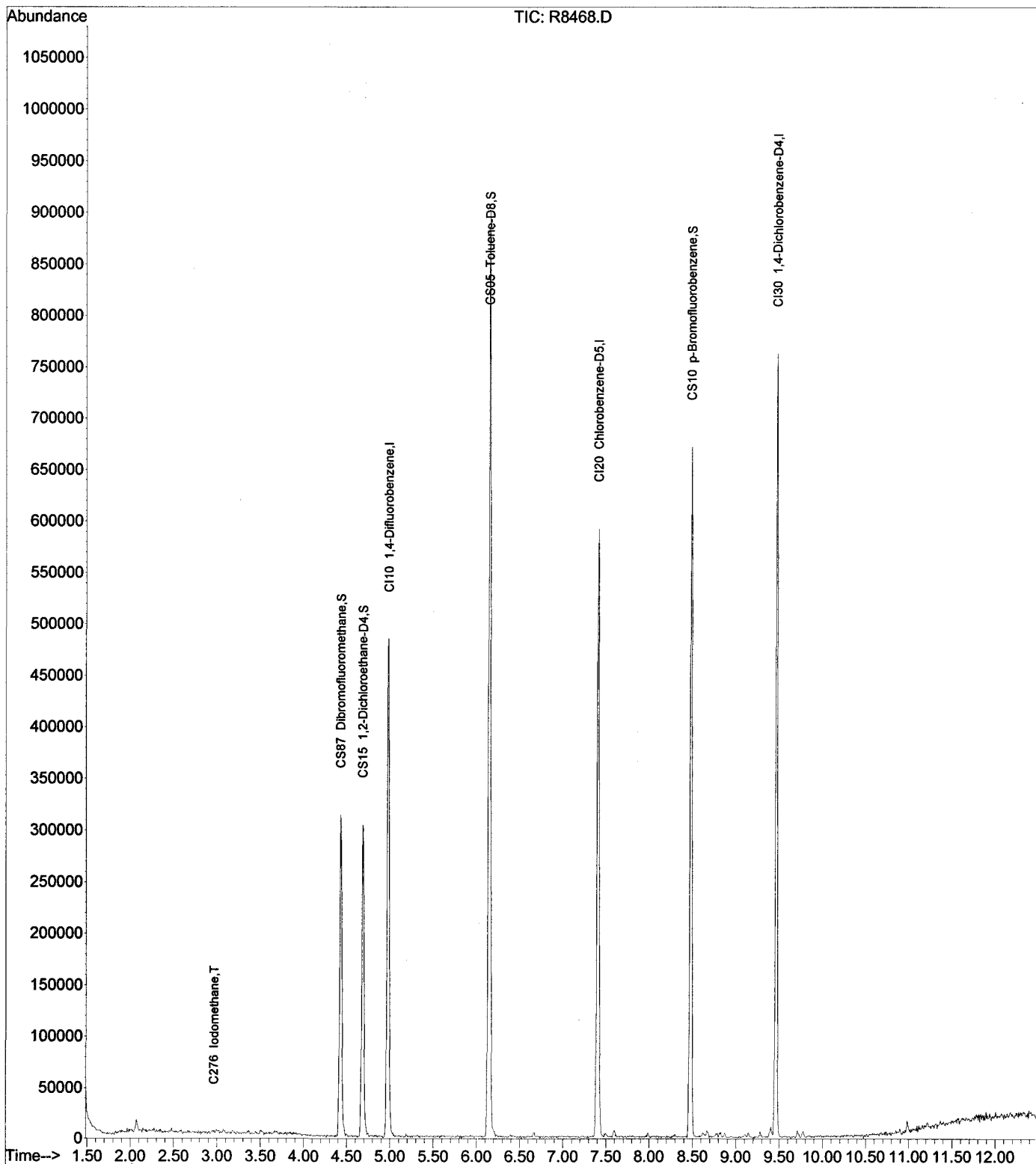
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8468.D
 Acq On : 13 Apr 2006 21:56
 Sample : VBLK42
 Misc :

Vial: 4
 Operator: CDC
 Inst : HP5973R
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Apr 13 22:09:28 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER
 Last Update : Thu Apr 13 21:49:04 2006
 Response via : Initial Calibration
 DataAcq Meth : LOW2
 IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

See 4/13/06 NO AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.98	114	350289	125.00	ng	0.00	103.18%
43) CI20 Chlorobenzene-D5	7.40	117	317903	125.00	ng	0.00	95.92%
62) CI30 1,4-Dichlorobenzene-	9.46	152	181057	125.00	ng	0.00	79.67%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	178825	117.05	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	93.64%	
31) CS15 1,2-Dichloroethane-D	4.69	65	221060	119.10	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	95.28%	
44) CS05 Toluene-D8	6.14	98	565657	112.23	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	89.78%	
61) CS10 p-Bromofluorobenzene	8.47	174	186892	107.96	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	86.37%	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorome	1.59	85	479	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	2.15	94	730	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.18	84	827	N.D.		
10) C040 Carbon disulfide	3.00	76	2192	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	3.35	53	1340	N.D.		
13) C035 Acetone	2.88	43	478	N.D.		
14) C300 Acetonitrile	3.07	41	2135	N.D.		
15) C270 Iodomethane	2.96	142	3234	2.07	ng	# 60
16) C291 1,1,2 Trichloro-1,	2.81	101	186	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	3.37	96	217	N.D.		
19) C255 Methyl Acetate	3.09	43	706	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	3.66	43	2361	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	4.30	83	407	N.D.		
27) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120 Carbon tetrachlori	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropen	4.55	75	440	N.D.		
32) C165 Benzene	4.72	78	1059	N.D.		
33) C065 1,2-Dichloroethane	4.75	62	622	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	5.19	95	484	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		

See 4/24/06

Data File : H:\GCMS_VOA\R\041306\R8468.D

Acq On : 13 Apr 2006 21:56

Sample : VBLK42

Misc :

Vial: 4

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 22:09:28 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 SML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.		
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	5.78	63	201	N.D.		
41) C012	Methylcyclohexane	5.33	83	1162	N.D.		
42) C145	cis-1,3-Dichloropr	5.93	75	327	N.D.		
45) C230	Toluene	6.20	92	1647	N.D.		
46) C170	trans-1,3-Dichloro	5.93	75	327	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.14	43	2461	N.D.		
50) C220	Tetrachloroethene	6.67	166	1861	N.D.		
51) C221	1,3-Dichloropropan	6.70	76	205	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	7.42	112	2855	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.50	91	3412	N.D.		
58) C246	m,p-Xylene	7.60	106	2628	N.D.		
59) C247	o-Xylene	7.96	106	751	N.D.		
60) C245	Styrene	7.99	104	1729	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	8.30	105	1770	N.D.		
65) C301	Bromobenzene	8.63	156	1133	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	8.66	53	377	N.D.		
69) C302	n-Propylbenzene	8.67	91	5294	N.D.		
70) C303	2-Chlorotoluene	8.77	126	578	N.D.		
71) C289	4-Chlorotoluene	8.87	126	519	N.D.		
72) C304	1,3,5-Trimethylben	8.83	105	3301	N.D.		
73) C306	tert-Butylbenzene	9.09	134	197	N.D.		
74) C307	1,2,4-Trimethylben	9.14	105	2968	N.D.		
75) C308	sec-Butylbenzene	9.28	105	4486	N.D.		
76) C260	1,3-Dichlorobenzen	9.41	146	3117	N.D.		
77) C309	4-Isopropyltoluene	9.10	119	1716	N.D.		
78) C267	1,4-Dichlorobenzen	9.48	146	4418	N.D.		
79) C249	1,2-Dichlorobenzen	9.78	146	3288	N.D.		
80) C310	n-Butylbenzene	9.72	91	4480	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.90	180	1162	N.D.		
83) C316	Hexachlorobutadien	10.98	225	2341	N.D.		
84) C314	Naphthalene	11.06	128	2100	N.D.		
85) C934	1,2,3-Trichloroben	11.21	180	1202	N.D.		

(#)= qualifier out of range (m)= manual integration (+)= signals summed

MS
4/24/06

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

197/219

Client No.

VBLK43

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6B1720902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8499.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5.0	U
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	5.0	U
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	5.0	U
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

198/219

Client No.

VBLK43

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6B1720902

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: R8499.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	5.0	U
108-88-3-----	Toluene	5.0	U
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	5.0	U
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

Data File : H:\GCMS_VOA\R\041406\R8499.D

Acq On : 14 Apr 2006 12:52

Sample : VBLK43

Misc :

MS Integration Params: RTEINT.P

Vial: 3

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 14 13:38:20 2006

Results File: A6I001371_E2.RES

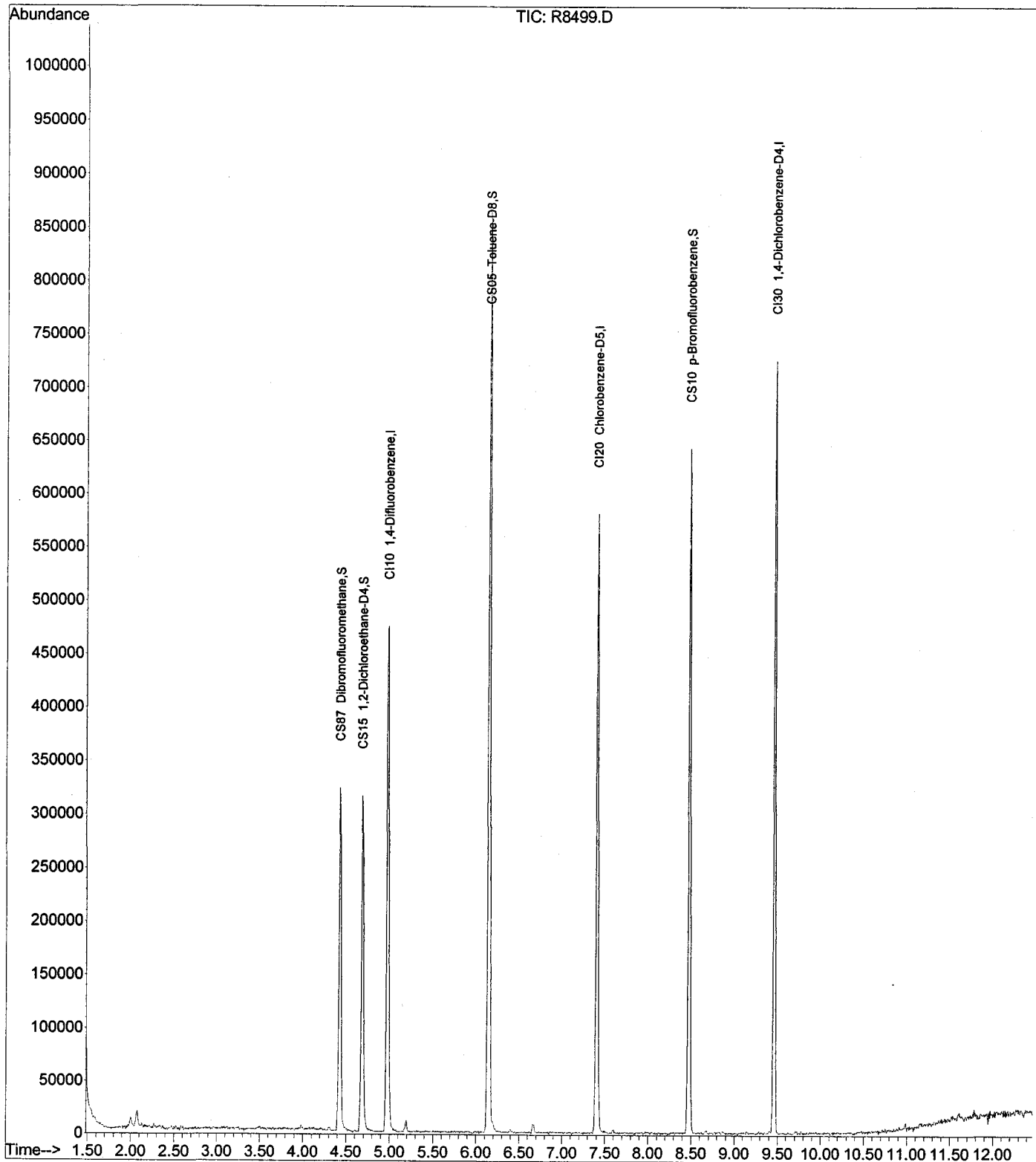
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041406\R8499.D
Acq On : 14 Apr 2006 12:52
Sample : VBLK43
Misc :

Vial: 3
Operator: TRB
Inst : HP5973R
Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Apr 14 13:38:20 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 SML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

clean
TRB 4/14/06

Internal Standards		R.T. QIon		Response	Conc	Units	Dev (Min)
							Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.98	114	341471	125.00	ng	0.00
							99.98%
43)	CI20 Chlorobenzene-D5	7.40	117	314174	125.00	ng	0.00
							93.96%
62)	CI30 1,4-Dichlorobenzene-	9.46	152	168888	125.00	ng	0.00
							71.95%

System Monitoring Compounds

30)	CS87 Dibromofluoromethane	4.43	111	184280	123.74	ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	=	98.99%
31)	CS15 1,2-Dichloroethane-D	4.68	65	227950	125.98	ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	=	100.78%
44)	CS05 Toluene-D8	6.14	98	545660	109.54	ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	=	87.63%
61)	CS10 p-Bromofluorobenzene	8.47	174	178898	104.57	ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	=	83.66%

Target Compounds

							Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010 Chloromethane	0.00	50	0	N.D.		
4)	C020 Vinyl chloride	0.00	62	0	N.D.		
5)	C015 Bromomethane	2.13	94	213	N.D.		
6)	C025 Chloroethane	0.00	64	0	N.D.		
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9)	C030 Methylene chloride	0.00	84	0	N.D.		
10)	C040 Carbon disulfide	0.00	76	0	N.D.		
11)	C036 Acrolein	0.00	56	0	N.D.		
12)	C038 Acrylonitrile	0.00	53	0	N.D.		
13)	C035 Acetone	2.86	43	1451	N.D.		
14)	C300 Acetonitrile	3.09	41	202	N.D.		
15)	C276 Iodomethane	2.96	142	490	N.D.		
16)	C291 1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19)	C255 Methyl Acetate	0.00	43	0	N.D.		
20)	C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125 Vinyl Acetate	3.68	43	685	N.D.		
22)	C051 2,2-Dichloropropan	4.08	77	210	N.D.		
23)	C056 cis-1,2-Dichloroet	0.00	96	0	N.D.		
24)	C272 Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222 Bromochloromethane	0.00	128	0	N.D.		
26)	C060 Chloroform	4.30	83	2802	N.D.		
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32)	C165 Benzene	4.72	78	470	N.D.		
33)	C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110 2-Butanone	4.08	43	438	N.D.		
35)	C256 Cyclohexane	0.00	56	0	N.D.		
36)	C150 Trichloroethene	5.19	95	2641	N.D.		
37)	C140 1,2-Dichloropropan	0.00	63	0	N.D.		

TRB
4/24/06

Data File : H:\GCMS_VOA\R\041406\R8499.D

Vial: 3

Acq On : 14 Apr 2006 12:52

Operator: TRB

Sample : VBLK43

Inst : HP5973R

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 13:38:20 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

38) C278	Dibromomethane	0.00	93	0	N.D.	
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.20	92	1139	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.14	43	2383	N.D.	
50) C220	Tetrachloroethene	6.67	166	1692	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	7.43	112	3030	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.49	91	491	N.D.	
58) C246	m,p-Xylene	7.59	106	1181	N.D.	
59) C247	o-Xylene	7.97	106	186	N.D.	
60) C245	Styrene	7.99	104	662	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	8.30	105	229	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	8.67	91	2507	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	8.82	105	1167	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	9.15	105	1769	N.D.	
75) C308	sec-Butylbenzene	9.28	105	1131	N.D.	
76) C260	1,3-Dichlorobenzen	9.41	146	1240	N.D.	
77) C309	4-Isopropyltoluene	9.11	119	212	N.D.	
78) C267	1,4-Dichlorobenzen	9.48	146	1090	N.D.	
79) C249	1,2-Dichlorobenzen	9.77	146	633	N.D.	
80) C310	n-Butylbenzene	9.71	91	774	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	10.99	225	741	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

(#)=qualifier out of range (m)=manual integration (+)=signals summed

*Not
4/24/06*

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

202/219

Client No.

MSB42

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6B1714201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8467.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/13/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	130	
71-43-2-----	Benzene	26	
75-27-4-----	Bromodichloromethane	27	
75-25-2-----	Bromoform	23	
74-83-9-----	Bromomethane	20	
78-93-3-----	2-Butanone	120	
75-15-0-----	Carbon Disulfide	26	
56-23-5-----	Carbon Tetrachloride	28	
108-90-7-----	Chlorobenzene	23	
75-00-3-----	Chloroethane	25	
67-66-3-----	Chloroform	26	
74-87-3-----	Chloromethane	22	
110-82-7-----	Cyclohexane	26	
106-93-4-----	1,2-Dibromoethane	22	
124-48-1-----	Dibromochloromethane	23	
96-12-8-----	1,2-Dibromo-3-chloropropane	20	
95-50-1-----	1,2-Dichlorobenzene	23	
541-73-1-----	1,3-Dichlorobenzene	23	
106-46-7-----	1,4-Dichlorobenzene	22	
75-71-8-----	Dichlorodifluoromethane	22	
75-34-3-----	1,1-Dichloroethane	26	
107-06-2-----	1,2-Dichloroethane	27	
75-35-4-----	1,1-Dichloroethene	27	
156-59-2-----	cis-1,2-Dichloroethene	26	
156-60-5-----	trans-1,2-Dichloroethene	26	
78-87-5-----	1,2-Dichloropropane	26	
10061-01-5----	cis-1,3-Dichloropropene	27	
10061-02-6----	trans-1,3-Dichloropropene	24	
100-41-4-----	Ethylbenzene	24	
591-78-6-----	2-Hexanone	110	
98-82-8-----	Isopropylbenzene	21	
79-20-9-----	Methyl acetate	18	
108-87-2-----	Methylcyclohexane	26	
75-09-2-----	Methylene chloride	26	

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB42

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B1714201Sample wt/vol: 5.00 (g/mL) MLLab File ID: R8467.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 04/13/2006GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
108-10-1-----	4-Methyl-2-pentanone		110
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		26
100-42-5-----	Styrene		26
79-34-5-----	1,1,2,2-Tetrachloroethane		22
127-18-4-----	Tetrachloroethene		22
108-88-3-----	Toluene		24
120-82-1-----	1,2,4-Trichlorobenzene		22
71-55-6-----	1,1,1-Trichloroethane		28
79-00-5-----	1,1,2-Trichloroethane		25
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		29
75-69-4-----	Trichlorofluoromethane		27
79-01-6-----	Trichloroethene		26
75-01-4-----	Vinyl chloride		23
1330-20-7-----	Total Xylenes		72

Data File : H:\GCMS_VOA\R\041306\R8467.D

Acq On : 13 Apr 2006 21:33

Sample : MSB

Misc :

MS Integration Params: RTEINT.P

Vial: 3

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Quant Time: Apr 13 21:48:16 2006

Results File: A6I001371_E2.RES

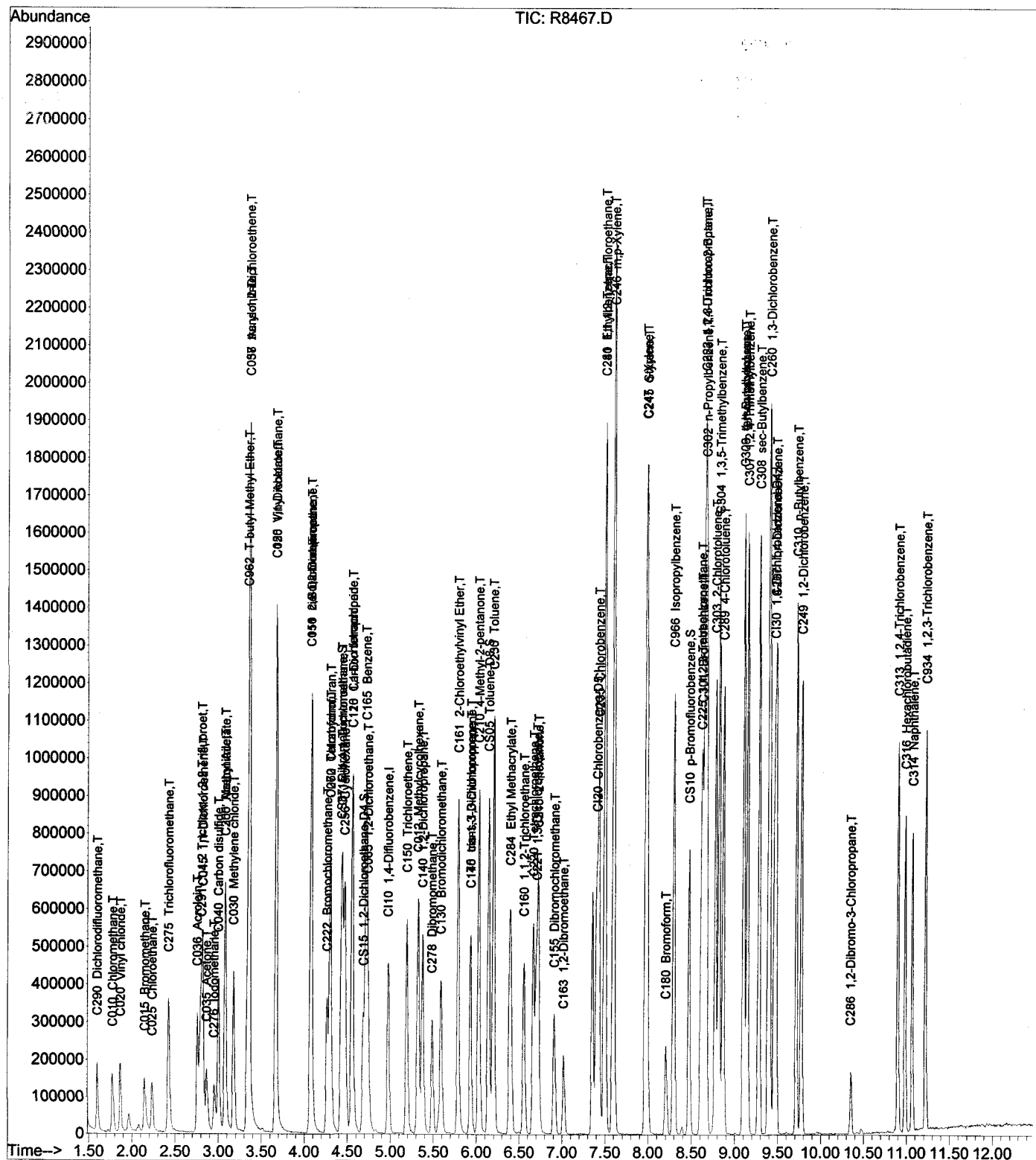
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041306\R8467.D

Acq On : 13 Apr 2006 21:33

Sample : MSB

Misc :

Vial: 3

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 13 21:48:16 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	337195	125.00	ng	0.00	99.32%
43) CI20 Chlorobenzene-D5	7.40	117	357036	125.00	ng	0.00	107.73%
62) CI30 1,4-Dichlorobenzene-	9.46	152	230583	125.00	ng	0.00	101.46%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	4.43	111	169726	115.41	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	92.33%	
31) CS15 1,2-Dichloroethane-D	4.69	65	212373	118.86	ng	0.00	
Spiked Amount	125.000	Range	72 - 143	Recovery	=	95.09%	
44) CS05 Toluene-D8	6.14	98	573820	101.37	ng	0.00	
Spiked Amount	125.000	Range	76 - 116	Recovery	=	81.10%	
61) CS10 p-Bromofluorobenzene	8.47	174	216580	111.40	ng	0.00	
Spiked Amount	125.000	Range	73 - 117	Recovery	=	89.12%	

Target Compounds

							Qvalue
2) C290 Dichlorodifluorometh	1.60	85	143154	108.62	ng		100
3) C010 Chloromethane	1.78	50	153715	110.77	ng		96
4) C020 Vinyl chloride	1.87	62	157507	113.52	ng		94
5) C015 Bromomethane	2.15	94	98226	101.79	ng		99
6) C025 Chloroethane	2.23	64	105319	125.29	ng		99
7) C275 Trichlorofluorometha	2.42	101	304030	135.97	ng		95
8) C045 1,1-Dichloroethene	2.82	96	142795	136.00	ng		95
9) C030 Methylene chloride	3.18	84	169769	128.74	ng		91
10) C040 Carbon disulfide	3.00	76	521172	132.63	ng		100
11) C036 Acrolein	2.76	56	230121	2184.93	ng		97
12) C038 Acrylonitrile	3.36	53	823788	2680.67	ng		95
13) C035 Acetone	2.87	43	180951	650.01	ng	#	87
14) C300 Acetonitrile	3.08	41	508819	5089.58	ng		97
15) C276 Iodomethane	2.95	142	147855	98.33	ng		95
16) C291 1,1,2 Trichloro-1,2,	2.80	101	143465	147.33	ng		90
17) C962 T-butyl Methyl Ether	3.34	73	473112	132.93	ng	#	61
18) C057 trans-1,2-Dichloroet	3.37	96	164031	131.51	ng		96
19) C255 Methyl Acetate	3.09	43	86144	90.23	ng	#	89
20) C050 1,1-Dichloroethane	3.66	63	326366	131.01	ng		97
21) C125 Vinyl Acetate	3.67	43	1341467	698.79	ng		96
22) C051 2,2-Dichloropropane	4.07	77	342896	142.04	ng	#	30
23) C056 cis-1,2-Dichloroethe	4.08	96	202703	128.66	ng		88
24) C272 Tetrahydrofuran	4.30	42	150466	555.15	ng	#	51
25) C222 Bromochloromethane	4.27	128	88983	134.52	ng		94
26) C060 Chloroform	4.31	83	398847	132.32	ng		95
27) C115 1,1,1-Trichloroethan	4.44	97	352166	139.79	ng		93
28) C120 Carbon tetrachloride	4.56	117	286534	139.48	ng		97
29) C116 1,1-Dichloropropene	4.55	75	247595	127.22	ng		93
32) C165 Benzene	4.72	78	763023	129.96	ng		98
33) C065 1,2-Dichloroethane	4.74	62	287907	134.64	ng		100
34) C110 2-Butanone	4.08	43	289451	627.13	ng		91
35) C256 Cyclohexane	4.47	56	261521	128.85	ng	#	77
36) C150 Trichloroethene	5.19	95	188664	129.93	ng		94
37) C140 1,2-Dichloropropane	5.38	63	182637	131.02	ng		100

Data File : H:\GCMS_VOA\R\041306\R8467.D

Acq On : 13 Apr 2006 21:33

Sample : MSB

Misc :

MS Integration Params: RTEINT.P

Quant Time: Apr 13 21:48:16 2006

Vial: 3

Operator: CDC

Inst : HP5973R

Multiplr: 1.00

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Thu Apr 13 21:49:04 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041306\R8465.D (13 Apr 2006 20:46)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
38)	C278 Dibromomethane	5.48	93	108939	134.79	ng	94
39)	C130 Bromodichloromethane	5.59	83	274544	134.10	ng	94
40)	C161 2-Chloroethylvinyl E	5.79	63	362904	555.11	ng	91
41)	C012 Methylcyclohexane	5.32	83	249721	129.60	ng	89
42)	C145 cis-1,3-Dichloroprop	5.94	75	300007	135.06	ng	100
45)	C230 Toluene	6.20	92	477170	119.18	ng	98
46)	C170 trans-1,3-Dichloropr	5.94	75	300007	119.67	ng	100
47)	C284 Ethyl Methacrylate	6.40	69	188595	111.96	ng	# 76
48)	C160 1,1,2-Trichloroethan	6.56	83	126226	124.41	ng	96
49)	C210 4-Methyl-2-pentanone	6.03	43	579101	562.90	ng	# 91
50)	C220 Tetrachloroethene	6.67	166	177801	107.66	ng	88
51)	C221 1,3-Dichloropropane	6.70	76	263334	115.53	ng	98
52)	C155 Dibromochloromethane	6.91	129	173530	115.18	ng	94
53)	C163 1,2-Dibromoethane	7.02	107	141200	111.77	ng	97
54)	C215 2-Hexanone	6.72	43	388372	558.36	ng	92
55)	C235 Chlorobenzene	7.43	112	504871	116.31	ng	93
56)	C281 1,1,1,2-Tetrachloroe	7.49	131	193332	121.57	ng	# 84
57)	C240 Ethylbenzene	7.49	91	911140	121.57	ng	96
58)	C246 m,p-Xylene	7.60	106	687102	240.97	ng	# 87
59)	C247 o-Xylene	7.97	106	340912	120.51	ng	97
60)	C245 Styrene	7.99	104	601443	129.05	ng	88
63)	C180 Bromoform	8.21	173	115194	113.29	ng	95
64)	C966 Isopropylbenzene	8.30	105	799270	105.77	ng	98
65)	C301 Bromobenzene	8.63	156	224907	112.72	ng	# 80
66)	C225 1,1,2,2-Tetrachloroe	8.61	83	185775	108.23	ng	97
67)	C282 1,2,3-Trichloropropa	8.66	110	55912	112.61	ng	100
68)	C283 t-1,4-Dichloro-2-But	8.65	53	292346	615.42	ng	# 76
69)	C302 n-Propylbenzene	8.67	91	1137161	117.26	ng	98
70)	C303 2-Chlorotoluene	8.78	126	215588	117.74	ng	100
71)	C289 4-Chlorotoluene	8.87	126	208310	119.52	ng	100
72)	C304 1,3,5-Trimethylbenze	8.82	105	814593	122.58	ng	95
73)	C306 tert-Butylbenzene	9.10	134	168176	121.04	ng	100
74)	C307 1,2,4-Trimethylbenze	9.14	105	817827	121.29	ng	97
75)	C308 sec-Butylbenzene	9.28	105	1003639	122.92	ng	98
76)	C260 1,3-Dichlorobenzene	9.41	146	433686	114.27	ng	98
77)	C309 4-Isopropyltoluene	9.10	119	733242	120.29	ng	# 46
78)	C267 1,4-Dichlorobenzene	9.48	146	427948	111.92	ng	91
79)	C249 1,2-Dichlorobenzene	9.78	146	449066	114.79	ng	98
80)	C310 n-Butylbenzene	9.72	91	671276	120.99	ng	99
81)	C286 1,2-Dibromo-3-Chloro	10.35	75	39200	100.68	ng	# 65
82)	C313 1,2,4-Trichlorobenze	10.90	180	263982	107.50	ng	98
83)	C316 Hexachlorobutadiene	10.98	225	143760	107.74	ng	92
84)	C314 Naphthalene	11.07	128	484261	113.12	ng	100
85)	C934 1,2,3-Trichlorobenze	11.22	180	257852	111.36	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MSB
4/24/06

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

207/219

Client No.

MSB43

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6B1720901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8498.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	24	
75-27-4-----	Bromodichloromethane	5.0	U
75-25-2-----	Bromoform	5.0	U
74-83-9-----	Bromomethane	5.0	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5.0	U
56-23-5-----	Carbon Tetrachloride	5.0	U
108-90-7-----	Chlorobenzene	24	
75-00-3-----	Chloroethane	5.0	U
67-66-3-----	Chloroform	5.0	U
74-87-3-----	Chloromethane	5.0	U
110-82-7-----	Cyclohexane	5.0	U
106-93-4-----	1,2-Dibromoethane	5.0	U
124-48-1-----	Dibromochloromethane	5.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1-----	1,2-Dichlorobenzene	5.0	U
541-73-1-----	1,3-Dichlorobenzene	5.0	U
106-46-7-----	1,4-Dichlorobenzene	5.0	U
75-71-8-----	Dichlorodifluoromethane	5.0	U
75-34-3-----	1,1-Dichloroethane	5.0	U
107-06-2-----	1,2-Dichloroethane	5.0	U
75-35-4-----	1,1-Dichloroethene	25	
156-59-2-----	cis-1,2-Dichloroethene	5.0	U
156-60-5-----	trans-1,2-Dichloroethene	5.0	U
78-87-5-----	1,2-Dichloropropane	5.0	U
10061-01-5----	cis-1,3-Dichloropropene	5.0	U
10061-02-6----	trans-1,3-Dichloropropene	5.0	U
100-41-4-----	Ethylbenzene	5.0	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5.0	U
79-20-9-----	Methyl acetate	5.0	U
108-87-2-----	Methylcyclohexane	5.0	U
75-09-2-----	Methylene chloride	5.0	U

EARTH TECH, INC.
EARTH TECH, INC. - SCOTT AVIATION SITE
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

208/219

Client No.

MSB43

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A6B1720901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R8498.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/14/2006

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

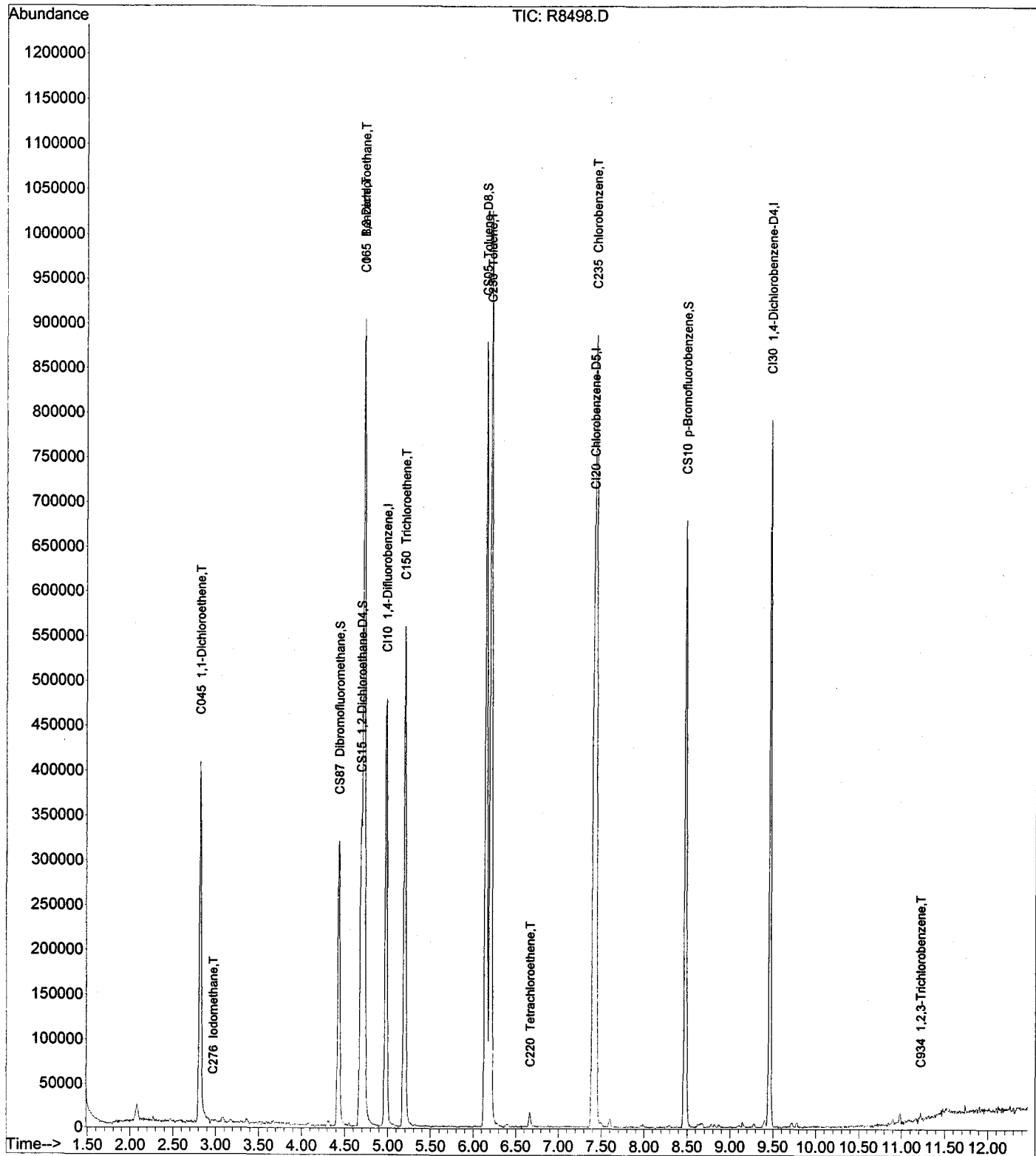
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5-----	Styrene	5.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4-----	Tetrachloroethene	0.75	J
108-88-3-----	Toluene	26	
120-82-1-----	1,2,4-Trichlorobenzene	5.0	U
71-55-6-----	1,1,1-Trichloroethane	5.0	U
79-00-5-----	1,1,2-Trichloroethane	5.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4-----	Trichlorofluoromethane	5.0	U
79-01-6-----	Trichloroethene	25	
75-01-4-----	Vinyl chloride	5.0	U
1330-20-7-----	Total Xylenes	15	U

Data File : H:\GCMS_VOA\R\041406\R8498.D
Acq On : 14 Apr 2006 12:20
Sample : MSB
Misc :
MS Integration Params: RTEINT.P

Vial: 2
Operator: TRB
Inst : HP5973R
Multiplr: 1.00

Quant Time: Apr 14 13:38:16 2006 Results File: A6I001371_E2.RES
Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Apr 14 12:20:18 2006
Response via : Initial Calibration
DataAcq Meth : LOW2



Data File : H:\GCMS_VOA\R\041406\R8498.D

Acq On : 14 Apr 2006 12:20

Sample : MSB

Misc :

Vial: 2

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 13:38:16 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

S+E
4/14/06

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev (Min)
							Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.98	114	349993	125.00	ng	0.00
							102.47%
43)	CI20 Chlorobenzene-D5	7.40	117	317099	125.00	ng	0.00
							94.84%
62)	CI30 1,4-Dichlorobenzene-	9.46	152	179995	125.00	ng	0.00
							76.68%

System Monitoring Compounds

30)	CS87 Dibromofluoromethane	4.43	111	183383	120.14	ng	0.00
	Spiked Amount	125.000	Range	70 - 130	Recovery	=	96.11%
31)	CS15 1,2-Dichloroethane-D	4.69	65	233472	125.89	ng	0.00
	Spiked Amount	125.000	Range	72 - 143	Recovery	=	100.71%
44)	CS05 Toluene-D8	6.14	98	564777	112.34	ng	0.00
	Spiked Amount	125.000	Range	76 - 116	Recovery	=	89.87%
61)	CS10 p-Bromofluorobenzene	8.47	174	189442	109.71	ng	0.00
	Spiked Amount	125.000	Range	73 - 117	Recovery	=	87.77%

Target Compounds

							Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010 Chloromethane	1.78	50	218	N.D.		
4)	C020 Vinyl chloride	0.00	62	0	N.D.		
5)	C015 Bromomethane	2.15	94	646	N.D.		
6)	C025 Chloroethane	0.00	64	0	N.D.		
7)	C275 Trichlorofluoromet	2.42	101	440	N.D.		
8)	C045 1,1-Dichloroethene	2.82	96	137580	126.24	ng	97
9)	C030 Methylene chloride	3.18	84	1426	N.D.		
10)	C040 Carbon disulfide	3.00	76	2304	N.D.		
11)	C036 Acrolein	2.76	56	221	N.D.		
12)	C038 Acrylonitrile	3.35	53	1875	N.D.		
13)	C035 Acetone	2.86	43	1689	N.D.		
14)	C300 Acetonitrile	3.09	41	4422	N.D.		
15)	~~C276 Iodomethane~~	~~2.97~~	~~142~~	~~2137~~	~~1.37~~	~~ng~~	~~# 33~~
16)	C291 1,1,2 Trichloro-1,	2.81	101	408	N.D.		
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19)	C255 Methyl Acetate	3.08	43	448	N.D.		
20)	C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125 Vinyl Acetate	3.67	43	2517	N.D.		
22)	C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056 cis-1,2-Dichloroet	4.07	96	237	N.D.		
24)	C272 Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222 Bromochloromethane	0.00	128	0	N.D.		
26)	C060 Chloroform	4.30	83	4447	N.D.		
27)	C115 1,1,1-Trichloroeth	4.43	97	205	N.D.		
28)	C120 Carbon tetrachlori	4.55	117	192	N.D.		
29)	C116 1,1-Dichloropropen	4.55	75	798	N.D.		
32)	C165 Benzene	4.72	78	742776	121.88	ng	99
33)	~~C065 1,2-Dichloroethane~~	~~4.71~~	~~62~~	~~7846~~	~~3.53~~	~~ng~~	~~# 1~~
34)	C110 2-Butanone	4.09	43	569	N.D.		
35)	C256 Cyclohexane	0.00	56	0	N.D.		
36)	C150 Trichloroethene	5.19	95	186698	123.88	ng	96
37)	C140 1,2-Dichloropropan	0.00	63	0	N.D.		

S+E
4/14/06

Data File : H:\GCMS_VOA\R\041406\R8498.D

Acq On : 14 Apr 2006 12:20

Sample : MSB

Misc :

Vial: 2

Operator: TRB

Inst : HP5973R

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 14 13:38:16 2006

Results File: A6I001371_E2.RES

Quant Method : C:\MSDCHEM\1...\A6I001371_E2.M (RTE Integrator)

Title : 8260 5ML WATER

Last Update : Fri Apr 14 12:20:18 2006

Response via : Initial Calibration

DataAcq Meth : LOW2

IS QA File : H:\GCMS_VOA\R\041406\R8497.D (14 Apr 2006 11:56)

Internal Standards			R.T. QIon		Response	Conc	Units	Dev(Min)
								Rcv(Ar)
38)	C278	Dibromomethane	0.00	93	0	N.D.		
39)	C130	Bromodichlorometha	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41)	C012	Methylcyclohexane	5.31	83	922	N.D.		
42)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
43)	C230	Toluene	6.20	92	455373	128.06	ng	98
46)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentano	6.03	43	195	N.D.		
50)	C220	Tetrachloroethene	6.67	166	5477	3.73	ng	# 47
51)	C221	1,3-Dichloropropan	6.70	76	425	N.D.		
52)	C155	Dibromochlorometha	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	6.72	43	207	N.D.		
55)	C235	Chlorobenzene	7.43	112	455135	118.06	ng	90
56)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	7.50	91	3328	N.D.		
58)	C246	m,p-Xylene	7.60	106	3371	N.D.		
59)	C247	o-Xylene	7.97	106	201	N.D.		
60)	C245	Styrene	7.98	104	1837	N.D.		
63)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	8.30	105	2582	N.D.		
65)	C301	Bromobenzene	8.62	156	1366	N.D.		
66)	C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-B	8.65	53	411	N.D.		
69)	C302	n-Propylbenzene	8.67	91	5851	N.D.		
70)	C303	2-Chlorotoluene	8.78	126	773	N.D.		
71)	C289	4-Chlorotoluene	8.86	126	884	N.D.		
72)	C304	1,3,5-Trimethylben	8.82	105	2974	N.D.		
73)	C306	tert-Butylbenzene	9.11	134	215	N.D.		
74)	C307	1,2,4-Trimethylben	9.14	105	3671	N.D.		
75)	C308	sec-Butylbenzene	9.28	105	4295	N.D.		
76)	C260	1,3-Dichlorobenzen	9.41	146	3146	N.D.		
77)	C309	4-Isopropyltoluene	9.09	119	1527	N.D.		
78)	C267	1,4-Dichlorobenzen	9.48	146	3436	N.D.		
79)	C249	1,2-Dichlorobenzen	9.77	146	2735	N.D.		
80)	C310	n-Butylbenzene	9.72	91	3787	N.D.		
81)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82)	C313	1,2,4-Trichloroben	10.90	180	1414	N.D.		
83)	C316	Hexachlorobutadien	10.98	225	2190	N.D.		
84)	C314	Naphthalene	11.07	128	1721	N.D.		
85)	C934	1,2,3-Trichlorobenze	11.22	180	1866	1.03	ng	# 70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

211/219
4/24/06

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
4/11/06	141	BS	R8444	A6387601	3876	5ml	—	1		SS10M/SD
	142		R8445	A6389401	3894			1		
	146		R8446	02				1		
	149		R8447	03				1		
	150		R8448	A6389201	3892			10-1		
	154		R8449	02				1		
	157		R8450	A6386115	3861			1		
	149		R8451	01				1		
	144		R8452	02				2		
	150		R8453	03				1		
	1518		R8454	04 1010				1		
	1551		R8455	07 09				1		
	167		R8456	11				1		
	1676		R8457	12				1		
	169		R8458	13				1		
	1722		R8459	14				10		
	175		R8460	A6389302	3893			1		
	187		R8461	01				1		
	—		R8462	A6386114MS	3861			10		
	—		R8463	14SD				10		
4/11/06	2017	CDC	R8464	041305R42	600	1ml	—	1	WS1AD-2	
	2046		R8465	1570025				1	WS608-7 WS12CH-7 WS1EX-2	SS10M/SD
	210		R8466	AD0025				1	WS545-5 WS7AT-2	
	2137		R8467	MS7				1	WS19AA-4 WS19CB-1 WS19CA-1	
	2156		R8468	1574442				1		
	2223		R8469	A6380805	3808			1		
	2246		R8470	A6382412	3824			1		
	2308		R8471	A6387503DL B	3875			4		
	2331		R8472	A6382401	3824			5		

Reviewed By

NO. 000058

Page 1

ST# BUFFALO

[illegible]

Date _____

650000

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
4/13/06	2399	CML	R8473	A6392402	3924	5.4L	—	5	—	SS1000W/SD
4/14/06	0017		R8474	03				400		
	0039		R8475	04				1		
	0102		R8476	05				500		
	0125		R8477	06				1		
	0147		R8478	07				4		
	0210		R8479	08				5		
	0233		R8480	09				800		
	0256		R8481	10				800		
	0318		R8482	11				1		
	0341		R8483	A6392401	3928			1		
	0404		R8484	02				10		
	0426		R8485	03				4		
	0449		R8486	04				20		
	0512		R8487	A6392401	3907			20		
	0535		R8488	A6392401	3908			1		
	0557		R8489	02				1		
	0620		R8490	03				1		
	0643		R8491	04				1		
	0706		R8492	A6392401	3924			800	WS1000W/SD	
	0729		R8493	02				800		
4/14/06	1050	MLB	R8494	DUPONT 041406	—	5mL	—	1		
4/14/06	1134	MLB	R8495	BLANK	—	1	—	1		
4/14/06	1134	MLB	R8496	0414 BFOR1	QC	1mL	—	1	WS140-2	
	1156		R8497	VSTD025		5mL	—	1	WS60X-8, WS12CH-8, WS13FK-3	
	1220		R8498	MSD				1	WS3 AV-5	
	1252		R8499	VBK43				1		
	1315		R8500	A6362001C	3620			1		
	1338		R8501	A6392403 DF100	3924			100		

STL BUFFALO

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NO.

Page

000060

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH-2	COMMENTS
	89	84	65	102	103	91	83		✓	History FVARY
	93	88	70	98	104	90	84	Y	✓	RA DF 100
	89	86	68	102	106	91	87	Y	✓	RA DF 100 ncs 4/14/66
	86	84	68	100	103	87	80	Y	✓	History RA DF 200
	89	88	66	104	105	88	82		✓	
	83	82	63	106	107	89	83		✓	FVARY
	95	92	68	99	102	90	80		✓	
	89	84	67	104	102	90	82	Y	✓	History RA DF 4000
	92	89	67	100	102	88	82	Y	✓	DUP RA DF 5000
	92	90	70	104	106	93	85		✓	
	84	82	64	105	102	85	80		✓	
	98	104	98	90	95	84	93		7	History
	121	108	101	84	81	84	87		✓	
	129	131	116	84	83	84	91		7	
	124	116	99	93	88	92	91	Y	7	RA DF 400 RA-
	112	101	83	93	90	92	87		✓	
	105	97	78	92	90	86	81		✓	
	97	90	74	98	101	92	87		✓	
	93	85	65	101	102	93	89		✓	
	104	111	102	93	93	79	83		✓	
	106	113	103	92	92	83	89		✓	
	99	94	79	93	100	89	85		✓	
	94	86	68	99	103	91	87		✓	
									✓	PASS
									✓	A61... 1371 EA (8060 END)
	102	95	77	96	101	90	88		✓	
	100	94	72	99	101	88	84		✓	
	95	87	69	97	97	88	82		✓	
	88	82	63	103	104	89	81		✓	

Date _____

NO. 000061

Page 2

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
4/14/06	1401	220	R8502	A6392405 B	3924	5mL	—	200	—	15510mL/50
	1424		R8503	09 B				4000		
	1447		R8504	10 B				500		
	1510		R8505	A6392804 DL B	3928			40		
	1533		R8506	A6398501	3985			1		
	1556		R8507	02				1		
	160		R8508	03				1		
	164		R8509	04				1		
	1704		R8510	05				10		
	1717		R8511	06				1		
	1750		R8512	07				1		
	181		R8513	08				1		
	1826		R8514	09				1		
	1859		R8515	10				1		
	1922		R8516	11				1		
	1945		R8517	12				1		
	2007		R8518	13				1		
	2010		R8519	05MS				10	WS3AV-5	
	2053		R8520	059A				10	1	
	2119		R8521	A6392410 B Handgace	3924			1	—	
	2142		R8522	A6392804 DL B	3928			80	—	
	2207	CNL	R8523	A6398507 11	3985			2	—	
	2230		R8524	14				1		
	2253		R8525	15				1		
	2315		R8526	16				1		
	2338		R8527	16				5		
	(0001)		R8528	17				5		

BUFFALO

Reviewed By

000062 NO.

Page 1

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH-2	COMMENTS
85	82	64	105	107	89	81			4.2	
86	80	63	104	109	92	83			✓	
89	84	65	99	102	86	78		✓		R.A. DF1
101	104	99	86	90	82	92		✓	2.4	R.A. DL. DF 80
106	100	78	91	92	83	81			4.2	
90	84	67	103	104	91	87			✓	
91	85	67	100	102	87	82			✓	
88	84	65	98	99	85	78			✓	
87	85	69	104	105	89	88		✓		DF2
84	86	63	105	105	87	88			✓	
86	79	63	100	102	91	88			✓	
85	78	62	102	106	89	82			✓	
81	75	60	108	107	89	82			✓	
87	78	60	106	107	89	81			✓	
84	79	64	106	106	88	77			✓	
79	76	60	117	116	94	85			✓	
86	87	64	102	101	84	74			✓	
90	86	71	97	98	81	77			✓	Base not used on 4/14/08
88	87	70	97	107	86	82			✓	
87	78	61	111	117	97	90			✓	Headspace
94	92	87	92	96	88	91			✓	
93	89	64	97	96	82	76			✓	
87	85	63	103	106	88	81			✓	
82	82	62	110	114	92	85			2.5	
84	79	60	110	113	92	87			4.3	
87	82	62	104	101	87	77			✓	
86	82	61	104	106	86	77			✓	
										done Not used

Date

NO. 000063

Page 2

ANALYTICAL REPORT

Job#: A06-3978

STL Project#: NY3A9023

Site Name: Earth Tech - Scott Aviation site

Task: Earth Tech, Inc. - Air analysis

Mr. Jim Kaczor
Earth Tech, Inc.
100 Corporate Pkwy, Ste 341
Amherst, NY 14226

STL Buffalo

Brian J. Fischer
Project Manager

05/09/2006

NON-CONFORMANCE SUMMARY

Job#: A06-3978STL Project#: NY3A9023Site Name: Earth Tech - Scott Aviation siteGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-3978

Sample Cooler(s) were received at the following temperature(s); N/A °C

Volatile Organics were subcontracted to STL Burlington. The complete subcontract report is included in this report as Appendix A. Comments pertaining to Volatile Organics may be found within the comment summary of the subcontract report.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Brian J. Fischer
Project Manager

Date

Appendix A

**STL Burlington
Colchester, Vermont**

**Sample Data Summary
Package**

SDG: A063978


STL[®]

May 4, 2006

Mr. Brian Fischer
 Severn Trent Laboratories
 10 Hazelwood Drive
 Suite 106
 Amherst, NY 14228

STL Burlington
 208 South Park Drive, Suite 1
 Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
 www.stl-inc.com

Re: Laboratory Project No. 26012
Case: SCOTTAVI; SDG: A063978

Dear Mr. Fischer:

Enclosed are the analytical results for the samples that were received by STL Burlington on April 14th, 2006. Laboratory identification numbers were assigned, and designated as follows:

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>Sample Matrix</u>
Received: 04/14/06 ETR No: 113802			
665925	DPE-GAC-EFFLUENT	04/11/06	AIR
665926	DPE-GAG-INFLUENT	04/11/06	AIR
665927	AS-EFFLUENT	04/11/06	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The samples were analyzed for volatile organics by Method TO-14A. The analyses of the samples in this delivery group were accomplished at dilutions to quantify all of the target analytes within the calibrated range of instrument response. Laboratory control samples were prepared and analyzed in duplicate in the analytical sequence. The target analytes were recovered well in those analyses with the exception of 1,2,4-trichlorobenzene. The method blank that was analyzed in association with the samples was free of contamination.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

A handwritten signature in cursive script that reads "Kristine Dusablon".

Kristine A. Dusablon
 Project Manager

Enclosure

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAC-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665925

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	500	U	500	2500	U	2500
1,2-Dichlorotetrafluoroethane	76-14-2	200	U	200	1400	U	1400
Chloromethane	74-87-3	500	U	500	1000	U	1000
Vinyl Chloride	75-01-4	2100		200	5400		510
1,3-Butadiene	106-99-0	500	U	500	1100	U	1100
Bromomethane	74-83-9	200	U	200	780	U	780
Chloroethane	75-00-3	200	U	200	530	U	530
Bromoethene	593-60-2	200	U	200	870	U	870
Trichlorofluoromethane	75-69-4	200	U	200	1100	U	1100
Freon TF	76-13-1	200	U	200	1500	U	1500
1,1-Dichloroethene	75-35-4	340		200	1300		790
Carbon Disulfide	75-15-0	500	U	500	1600	U	1600
3-Chloropropene	107-05-1	500	U	500	1600	U	1600
Methylene Chloride	75-09-2	500	U	500	1700	U	1700
trans-1,2-Dichloroethene	156-60-5	200	U	200	790	U	790
n-Hexane	110-54-3	500	U	500	1800	U	1800
1,1-Dichloroethane	75-34-3	820		200	3300		810
cis-1,2-Dichloroethene	156-59-2	24000		200	95000		790
Chloroform	67-66-3	200	U	200	980	U	980
1,1,1-Trichloroethane	71-55-6	690		200	3800		1100
Cyclohexane	110-82-7	380		200	1300		690
Carbon Tetrachloride	56-23-5	200	U	200	1300	U	1300
2,2,4-Trimethylpentane	540-84-1	200	U	200	930	U	930
Benzene	71-43-2	200	U	200	640	U	640
1,2-Dichloroethane	107-06-2	200	U	200	810	U	810
n-Heptane	142-82-5	200	U	200	820	U	820
Trichloroethene	79-01-6	29000		200	160000		1100
1,2-Dichloropropane	78-87-5	200	U	200	920	U	920
Bromodichloromethane	75-27-4	200	U	200	1300	U	1300
cis-1,3-Dichloropropene	10061-01-5	200	U	200	910	U	910
Toluene	108-88-3	200	U	200	750	U	750
trans-1,3-Dichloropropene	10061-02-6	200	U	200	910	U	910
1,1,2-Trichloroethane	79-00-5	200	U	200	1100	U	1100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAC-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665925

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	200	U	200	1400	U	1400
Dibromochloromethane	124-48-1	200	U	200	1700	U	1700
1,2-Dibromoethane	106-93-4	200	U	200	1500	U	1500
Chlorobenzene	108-90-7	200	U	200	920	U	920
Ethylbenzene	100-41-4	200	U	200	870	U	870
Xylene (m,p)	1330-20-7	500	U	500	2200	U	2200
Xylene (o)	95-47-6	200	U	200	870	U	870
Styrene	100-42-5	200	U	200	850	U	850
Bromoform	75-25-2	200	U	200	2100	U	2100
1,1,2,2-Tetrachloroethane	79-34-5	200	U	200	1400	U	1400
4-Ethyltoluene	622-96-8	200	U	200	980	U	980
1,3,5-Trimethylbenzene	108-67-8	200	U	200	980	U	980
2-Chlorotoluene	95-49-8	200	U	200	1000	U	1000
1,2,4-Trimethylbenzene	95-63-6	200	U	200	980	U	980
1,3-Dichlorobenzene	541-73-1	200	U	200	1200	U	1200
1,4-Dichlorobenzene	106-46-7	200	U	200	1200	U	1200
1,2-Dichlorobenzene	95-50-1	200	U	200	1200	U	1200
1,2,4-Trichlorobenzene	120-82-1	500	U	500	3700	U	3700
Hexachlorobutadiene	87-68-3	200	U	200	2100	U	2100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAG-INFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665926

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dichlorodifluoromethane	75-71-8	500	U	500	2500	U	2500
1,2-Dichlorotetrafluoroethane	76-14-2	200	U	200	1400	U	1400
Chloromethane	74-87-3	500	U	500	1000	U	1000
Vinyl Chloride	75-01-4	6300		200	16000		510
1,3-Butadiene	106-99-0	500	U	500	1100	U	1100
Bromomethane	74-83-9	200	U	200	780	U	780
Chloroethane	75-00-3	200	U	200	530	U	530
Bromoethene	593-60-2	200	U	200	870	U	870
Trichlorofluoromethane	75-69-4	200	U	200	1100	U	1100
Freon TF	76-13-1	200	U	200	1500	U	1500
1,1-Dichloroethene	75-35-4	230		200	910		790
Carbon Disulfide	75-15-0	500	U	500	1600	U	1600
3-Chloropropene	107-05-1	500	U	500	1600	U	1600
Methylene Chloride	75-09-2	500	U	500	1700	U	1700
trans-1,2-Dichloroethene	156-60-5	200	U	200	790	U	790
n-Hexane	110-54-3	500	U	500	1800	U	1800
1,1-Dichloroethane	75-34-3	970		200	3900		810
cis-1,2-Dichloroethene	156-59-2	31000		200	120000		790
Chloroform	67-66-3	200	U	200	980	U	980
1,1,1-Trichloroethane	71-55-6	1000		200	5500		1100
Cyclohexane	110-82-7	2500		200	8600		690
Carbon Tetrachloride	56-23-5	200	U	200	1300	U	1300
2,2,4-Trimethylpentane	540-84-1	200	U	200	930	U	930
Benzene	71-43-2	200	U	200	640	U	640
1,2-Dichloroethane	107-06-2	200	U	200	810	U	810
n-Heptane	142-82-5	570		200	2300		820
Trichloroethene	79-01-6	32000		200	170000		1100
1,2-Dichloropropane	78-87-5	200	U	200	920	U	920
Bromodichloromethane	75-27-4	200	U	200	1300	U	1300
cis-1,3-Dichloropropene	10061-01-5	200	U	200	910	U	910
Toluene	108-88-3	200	U	200	750	U	750
trans-1,3-Dichloropropene	10061-02-6	200	U	200	910	U	910
1,1,2-Trichloroethane	79-00-5	200	U	200	1100	U	1100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAG-INFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665926

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	200	U	200	1400	U	1400
Dibromochloromethane	124-48-1	200	U	200	1700	U	1700
1,2-Dibromoethane	106-93-4	200	U	200	1500	U	1500
Chlorobenzene	108-90-7	200	U	200	920	U	920
Ethylbenzene	100-41-4	200	U	200	870	U	870
Xylene (m,p)	1330-20-7	500	U	500	2200	U	2200
Xylene (o)	95-47-6	200	U	200	870	U	870
Styrene	100-42-5	200	U	200	850	U	850
Bromoform	75-25-2	200	U	200	2100	U	2100
1,1,2,2-Tetrachloroethane	79-34-5	200	U	200	1400	U	1400
4-Ethyltoluene	622-96-8	200	U	200	980	U	980
1,3,5-Trimethylbenzene	108-67-8	200	U	200	980	U	980
2-Chlorotoluene	95-49-8	200	U	200	1000	U	1000
1,2,4-Trimethylbenzene	95-63-6	200	U	200	980	U	980
1,3-Dichlorobenzene	541-73-1	200	U	200	1200	U	1200
1,4-Dichlorobenzene	106-46-7	200	U	200	1200	U	1200
1,2-Dichlorobenzene	95-50-1	200	U	200	1200	U	1200
1,2,4-Trichlorobenzene	120-82-1	500	U	500	3700	U	3700
Hexachlorobutadiene	87-68-3	200	U	200	2100	U	2100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

AS-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665927

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dichlorodifluoromethane	75-71-8	10	U	10	49	U	49
1,2-Dichlorotetrafluoroethane	76-14-2	4.0	U	4.0	28	U	28
Chloromethane	74-87-3	10	U	10	21	U	21
Vinyl Chloride	75-01-4	16		4.0	41		10
1,3-Butadiene	106-99-0	10	U	10	22	U	22
Bromomethane	74-83-9	4.0	U	4.0	16	U	16
Chloroethane	75-00-3	64		4.0	170		11
Bromoethene	593-60-2	4.0	U	4.0	17	U	17
Trichlorofluoromethane	75-69-4	4.0	U	4.0	22	U	22
Freon TF	76-13-1	4.0	U	4.0	31	U	31
1,1-Dichloroethene	75-35-4	4.0	U	4.0	16	U	16
Carbon Disulfide	75-15-0	10	U	10	31	U	31
3-Chloropropene	107-05-1	10	U	10	31	U	31
Methylene Chloride	75-09-2	10	U	10	35	U	35
trans-1,2-Dichloroethene	156-60-5	4.5		4.0	18		16
n-Hexane	110-54-3	10	U	10	35	U	35
1,1-Dichloroethane	75-34-3	24		4.0	97		16
cis-1,2-Dichloroethene	156-59-2	490		4.0	1900		16
Chloroform	67-66-3	4.0	U	4.0	20	U	20
1,1,1-Trichloroethane	71-55-6	4.0	U	4.0	22	U	22
Cyclohexane	110-82-7	4.0	U	4.0	14	U	14
Carbon Tetrachloride	56-23-5	4.0	U	4.0	25	U	25
2,2,4-Trimethylpentane	540-84-1	4.0	U	4.0	19	U	19
Benzene	71-43-2	4.0	U	4.0	13	U	13
1,2-Dichloroethane	107-06-2	4.0	U	4.0	16	U	16
n-Heptane	142-82-5	4.0	U	4.0	16	U	16
Trichloroethene	79-01-6	200		4.0	1100		21
1,2-Dichloropropane	78-87-5	4.0	U	4.0	18	U	18
Bromodichloromethane	75-27-4	4.0	U	4.0	27	U	27
cis-1,3-Dichloropropene	10061-01-5	4.0	U	4.0	18	U	18
Toluene	108-88-3	5.8		4.0	22		15
trans-1,3-Dichloropropene	10061-02-6	4.0	U	4.0	18	U	18
1,1,2-Trichloroethane	79-00-5	4.0	U	4.0	22	U	22

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

AS-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665927

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	4.0	U	4.0	27	U	27
Dibromochloromethane	124-48-1	4.0	U	4.0	34	U	34
1,2-Dibromoethane	106-93-4	4.0	U	4.0	31	U	31
Chlorobenzene	108-90-7	4.0	U	4.0	18	U	18
Ethylbenzene	100-41-4	4.0	U	4.0	17	U	17
Xylene (m,p)	1330-20-7	10	U	10	43	U	43
Xylene (o)	95-47-6	4.0	U	4.0	17	U	17
Styrene	100-42-5	4.0	U	4.0	17	U	17
Bromoform	75-25-2	4.0	U	4.0	41	U	41
1,1,2,2-Tetrachloroethane	79-34-5	4.0	U	4.0	27	U	27
4-Ethyltoluene	622-96-8	4.0	U	4.0	20	U	20
1,3,5-Trimethylbenzene	108-67-8	4.0	U	4.0	20	U	20
2-Chlorotoluene	95-49-8	4.0	U	4.0	21	U	21
1,2,4-Trimethylbenzene	95-63-6	4.0	U	4.0	20	U	20
1,3-Dichlorobenzene	541-73-1	4.0	U	4.0	24	U	24
1,4-Dichlorobenzene	106-46-7	4.0	U	4.0	24	U	24
1,2-Dichlorobenzene	95-50-1	4.0	U	4.0	24	U	24
1,2,4-Trichlorobenzene	120-82-1	10	U	10	74	U	74
Hexachlorobutadiene	87-68-3	4.0	U	4.0	43	U	43

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	9.7		0.20	25		0.51
1,3-Butadiene	106-99-0	10		0.50	22		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	9.9		0.20	26		0.53
Bromoethene	593-60-2	9.7		0.20	42		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	9.6		0.20	74		1.5
1,1-Dichloroethene	75-35-4	9.0		0.20	36		0.79
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	11		0.50	34		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
n-Hexane	110-54-3	11		0.50	39		1.8
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
cis-1,2-Dichloroethene	156-59-2	9.4		0.20	37		0.79
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	9.5		0.20	52		1.1
Cyclohexane	110-82-7	9.7		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.8		0.20	62		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
n-Heptane	142-82-5	10		0.20	41		0.82
Trichloroethene	79-01-6	9.4		0.20	51		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	9.8		0.20	66		1.3
cis-1,3-Dichloropropene	10061-01-5	9.6		0.20	44		0.91
Toluene	108-88-3	9.2		0.20	35		0.75
trans-1,3-Dichloropropene	10061-02-6	10		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	8.9		0.20	60		1.4
Dibromochloromethane	124-48-1	9.7		0.20	83		1.7
1,2-Dibromoethane	106-93-4	9.9		0.20	76		1.5
Chlorobenzene	108-90-7	9.3		0.20	43		0.92
Ethylbenzene	100-41-4	9.5		0.20	41		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	9.4		0.20	41		0.87
Styrene	100-42-5	9.2		0.20	39		0.85
Bromoform	75-25-2	9.3		0.20	96		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.9		0.20	61		1.4
4-Ethyltoluene	622-96-8	9.4		0.20	46		0.98
1,3,5-Trimethylbenzene	108-67-8	9.6		0.20	47		0.98
2-Chlorotoluene	95-49-8	9.6		0.20	50		1.0
1,2,4-Trimethylbenzene	95-63-6	9.3		0.20	46		0.98
1,3-Dichlorobenzene	541-73-1	8.7		0.20	52		1.2
1,4-Dichlorobenzene	106-46-7	8.8		0.20	53		1.2
1,2-Dichlorobenzene	95-50-1	9.2		0.20	55		1.2
1,2,4-Trichlorobenzene	120-82-1	6.6		0.50	49		3.7
Hexachlorobutadiene	87-68-3	7.3		0.20	78		2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	12		0.50	59		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	11		0.20	77		1.4
Chloromethane	74-87-3	11		0.50	23		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	10		0.20	26		0.53
Bromoethene	593-60-2	9.6		0.20	42		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	10		0.20	77		1.5
1,1-Dichloroethene	75-35-4	9.1		0.20	36		0.79
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	12		0.50	38		1.6
Methylene Chloride	75-09-2	11		0.50	38		1.7
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
n-Hexane	110-54-3	12		0.50	42		1.8
1,1-Dichloroethane	75-34-3	12		0.20	49		0.81
cis-1,2-Dichloroethene	156-59-2	9.8		0.20	39		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	9.9		0.20	54		1.1
Cyclohexane	110-82-7	10		0.20	34		0.69
Carbon Tetrachloride	56-23-5	10		0.20	63		1.3
2,2,4-Trimethylpentane	540-84-1	11		0.20	51		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
n-Heptane	142-82-5	10		0.20	41		0.82
Trichloroethene	79-01-6	9.8		0.20	53		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Toluene	108-88-3	9.1		0.20	34		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	9.0		0.20	61		1.4
Dibromochloromethane	124-48-1	10		0.20	85		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.7		0.20	42		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.7		0.20	42		0.87
Styrene	100-42-5	9.5		0.20	40		0.85
Bromoform	75-25-2	9.3		0.20	96		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.4		0.20	65		1.4
4-Ethyltoluene	622-96-8	9.5		0.20	47		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	9.8		0.20	48		0.98
1,3-Dichlorobenzene	541-73-1	9.1		0.20	55		1.2
1,4-Dichlorobenzene	106-46-7	9.1		0.20	55		1.2
1,2-Dichlorobenzene	95-50-1	9.5		0.20	57		1.2
1,2,4-Trichlorobenzene	120-82-1	6.9		0.50	51		3.7
Hexachlorobutadiene	87-68-3	7.6		0.20	81		2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0501

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.20	U	0.20	0.53	U	0.53
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0501

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

STL Burlington Data Qualifier Definitions

Organic

- U: Compound analyzed but not detected at a concentration above the reporting limit.
- J: Estimated value.
- N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.
- P: SW-846: Greater than 40% difference for detected concentrations between two GC columns. Unless otherwise specified the higher of the two values is reported on the Form I.
- CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.
- C: Pesticide result whose identification has been confirmed by GC/MS.
- B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.
- E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.
- D: Concentrations identified from analysis of the sample at a secondary dilution.
- A: Tentatively identified compound is a suspected aldol condensation product.
- X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

- E: Reported value is estimated due to the presence of interference.
- N: Matrix spike sample recovery is not within control limits.
- * Duplicate sample analysis is not within control limits.
- B: The result reported is less than the reporting limit but greater than the instrument detection limit.
- U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

- P ICP-AES
 MS ICP-MS
 CV Cold Vapor AA
 AS Semi-Automated Spectrophotometric

208 South Park Drive, Suite 1
Colchester, VT 05446 Tel 802 655 1203

CHAIN OF CUSTODY RECORD

[illegible]



METHOD TO-14A

SAMPLE DATA SUMMARY PACKAGE

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

AS-EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665927

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665927D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

75-71-8-----	Dichlorodifluoromethane	10	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	4.0	U
74-87-3-----	Chloromethane	10	U
75-01-4-----	Vinyl Chloride	16	
106-99-0-----	1,3-Butadiene	10	U
74-83-9-----	Bromomethane	4.0	U
75-00-3-----	Chloroethane	64	
593-60-2-----	Bromoethene	4.0	U
75-69-4-----	Trichlorofluoromethane	4.0	U
76-13-1-----	Freon TF	4.0	U
75-35-4-----	1,1-Dichloroethene	4.0	U
75-15-0-----	Carbon Disulfide	10	U
107-05-1-----	3-Chloropropene	10	U
75-09-2-----	Methylene Chloride	10	U
156-60-5-----	trans-1,2-Dichloroethene	4.5	
110-54-3-----	n-Hexane	10	U
75-34-3-----	1,1-Dichloroethane	24	
156-59-2-----	cis-1,2-Dichloroethene	490	
67-66-3-----	Chloroform	4.0	U
71-55-6-----	1,1,1-Trichloroethane	4.0	U
110-82-7-----	Cyclohexane	4.0	U
56-23-5-----	Carbon Tetrachloride	4.0	U
540-84-1-----	2,2,4-Trimethylpentane	4.0	U
71-43-2-----	Benzene	4.0	U
107-06-2-----	1,2-Dichloroethane	4.0	U
142-82-5-----	n-Heptane	4.0	U
79-01-6-----	Trichloroethene	200	
78-87-5-----	1,2-Dichloropropane	4.0	U
75-27-4-----	Bromodichloromethane	4.0	U
10061-01-5-----	cis-1,3-Dichloropropene	4.0	U
108-88-3-----	Toluene	5.8	
10061-02-6-----	trans-1,3-Dichloropropene	4.0	U
79-00-5-----	1,1,2-Trichloroethane	4.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

AS-EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665927

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665927D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
127-18-4-----	Tetrachloroethene	4.0 U	
124-48-1-----	Dibromochloromethane	4.0 U	
106-93-4-----	1,2-Dibromoethane	4.0 U	
108-90-7-----	Chlorobenzene	4.0 U	
100-41-4-----	Ethylbenzene	4.0 U	
1330-20-7-----	Xylene (m,p)	10 U	
95-47-6-----	Xylene (o)	4.0 U	
100-42-5-----	Styrene	4.0 U	
75-25-2-----	Bromoform	4.0 U	
79-34-5-----	1,1,2,2-Tetrachloroethane	4.0 U	
622-96-8-----	4-Ethyltoluene	4.0 U	
108-67-8-----	1,3,5-Trimethylbenzene	4.0 U	
95-49-8-----	2-Chlorotoluene	4.0 U	
95-63-6-----	1,2,4-Trimethylbenzene	4.0 U	
541-73-1-----	1,3-Dichlorobenzene	4.0 U	
106-46-7-----	1,4-Dichlorobenzene	4.0 U	
95-50-1-----	1,2-Dichlorobenzene	4.0 U	
120-82-1-----	1,2,4-Trichlorobenzene	10 U	
87-68-3-----	Hexachlorobutadiene	4.0 U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAC- EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665925

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665925D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	500	U
76-14-2	1,2-Dichlorotetrafluoroethane	200	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl Chloride	2100	
106-99-0	1,3-Butadiene	500	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	200	U
593-60-2	Bromoethene	200	U
75-69-4	Trichlorofluoromethane	200	U
76-13-1	Freon TF	200	U
75-35-4	1,1-Dichloroethene	340	
75-15-0	Carbon Disulfide	500	U
107-05-1	3-Chloropropene	500	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	200	U
110-54-3	n-Hexane	500	U
75-34-3	1,1-Dichloroethane	820	
156-59-2	cis-1,2-Dichloroethene	24000	
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	690	
110-82-7	Cyclohexane	380	
56-23-5	Carbon Tetrachloride	200	U
540-84-1	2,2,4-Trimethylpentane	200	U
71-43-2	Benzene	200	U
107-06-2	1,2-Dichloroethane	200	U
142-82-5	n-Heptane	200	U
79-01-6	Trichloroethene	29000	
78-87-5	1,2-Dichloropropane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAC-
EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665925

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665925D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
127-18-4-----	Tetrachloroethene	200	U
124-48-1-----	Dibromochloromethane	200	U
106-93-4-----	1,2-Dibromoethane	200	U
108-90-7-----	Chlorobenzene	200	U
100-41-4-----	Ethylbenzene	200	U
1330-20-7-----	Xylene (m,p)	500	U
95-47-6-----	Xylene (o)	200	U
100-42-5-----	Styrene	200	U
75-25-2-----	Bromoform	200	U
79-34-5-----	1,1,2,2-Tetrachloroethane	200	U
622-96-8-----	4-Ethyltoluene	200	U
108-67-8-----	1,3,5-Trimethylbenzene	200	U
95-49-8-----	2-Chlorotoluene	200	U
95-63-6-----	1,2,4-Trimethylbenzene	200	U
541-73-1-----	1,3-Dichlorobenzene	200	U
106-46-7-----	1,4-Dichlorobenzene	200	U
95-50-1-----	1,2-Dichlorobenzene	200	U
120-82-1-----	1,2,4-Trichlorobenzene	500	U
87-68-3-----	Hexachlorobutadiene	200	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAG-
INFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665926

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665926D2

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	500	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	200	U
74-87-3-----	Chloromethane	500	U
75-01-4-----	Vinyl Chloride	6300	
106-99-0-----	1,3-Butadiene	500	U
74-83-9-----	Bromomethane	200	U
75-00-3-----	Chloroethane	200	U
593-60-2-----	Bromoethene	200	U
75-69-4-----	Trichlorofluoromethane	200	U
76-13-1-----	Freon TF	200	U
75-35-4-----	1,1-Dichloroethene	230	
75-15-0-----	Carbon Disulfide	500	U
107-05-1-----	3-Chloropropene	500	U
75-09-2-----	Methylene Chloride	500	U
156-60-5-----	trans-1,2-Dichloroethene	200	U
110-54-3-----	n-Hexane	500	U
75-34-3-----	1,1-Dichloroethane	970	
156-59-2-----	cis-1,2-Dichloroethene	31000	
67-66-3-----	Chloroform	200	U
71-55-6-----	1,1,1-Trichloroethane	1000	
110-82-7-----	Cyclohexane	2500	
56-23-5-----	Carbon Tetrachloride	200	U
540-84-1-----	2,2,4-Trimethylpentane	200	U
71-43-2-----	Benzene	200	U
107-06-2-----	1,2-Dichloroethane	200	U
142-82-5-----	n-Heptane	570	
79-01-6-----	Trichloroethene	32000	
78-87-5-----	1,2-Dichloropropane	200	U
75-27-4-----	Bromodichloromethane	200	U
10061-01-5-----	cis-1,3-Dichloropropene	200	U
108-88-3-----	Toluene	200	U
10061-02-6-----	trans-1,3-Dichloropropene	200	U
79-00-5-----	1,1,2-Trichloroethane	200	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAG-
INFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665926

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665926D2

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV		Q
127-18-4-----	Tetrachloroethene	200	U	
124-48-1-----	Dibromochloromethane	200	U	
106-93-4-----	1,2-Dibromoethane	200	U	
108-90-7-----	Chlorobenzene	200	U	
100-41-4-----	Ethylbenzene	200	U	
1330-20-7-----	Xylene (m,p)	500	U	
95-47-6-----	Xylene (o)	200	U	
100-42-5-----	Styrene	200	U	
75-25-2-----	Bromoform	200	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	200	U	
622-96-8-----	4-Ethyltoluene	200	U	
108-67-8-----	1,3,5-Trimethylbenzene	200	U	
95-49-8-----	2-Chlorotoluene	200	U	
95-63-6-----	1,2,4-Trimethylbenzene	200	U	
541-73-1-----	1,3-Dichlorobenzene	200	U	
106-46-7-----	1,4-Dichlorobenzene	200	U	
95-50-1-----	1,2-Dichlorobenzene	200	U	
120-82-1-----	1,2,4-Trichlorobenzene	500	U	
87-68-3-----	Hexachlorobutadiene	200	U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: MBLK050106CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEAB01E

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	0.50	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	0.20	U
74-87-3-----	Chloromethane	0.50	U
75-01-4-----	Vinyl Chloride	0.20	U
106-99-0-----	1,3-Butadiene	0.50	U
74-83-9-----	Bromomethane	0.20	U
75-00-3-----	Chloroethane	0.20	U
593-60-2-----	Bromoethene	0.20	U
75-69-4-----	Trichlorofluoromethane	0.20	U
76-13-1-----	Freon TF	0.20	U
75-35-4-----	1,1-Dichloroethene	0.20	U
75-15-0-----	Carbon Disulfide	0.50	U
107-05-1-----	3-Chloropropene	0.50	U
75-09-2-----	Methylene Chloride	0.50	U
156-60-5-----	trans-1,2-Dichloroethene	0.20	U
110-54-3-----	n-Hexane	0.50	U
75-34-3-----	1,1-Dichloroethane	0.20	U
156-59-2-----	cis-1,2-Dichloroethene	0.20	U
67-66-3-----	Chloroform	0.20	U
71-55-6-----	1,1,1-Trichloroethane	0.20	U
110-82-7-----	Cyclohexane	0.20	U
56-23-5-----	Carbon Tetrachloride	0.20	U
540-84-1-----	2,2,4-Trimethylpentane	0.20	U
71-43-2-----	Benzene	0.20	U
107-06-2-----	1,2-Dichloroethane	0.20	U
142-82-5-----	n-Heptane	0.20	U
79-01-6-----	Trichloroethene	0.20	U
78-87-5-----	1,2-Dichloropropane	0.20	U
75-27-4-----	Bromodichloromethane	0.20	U
10061-01-5-----	cis-1,3-Dichloropropene	0.20	U
108-88-3-----	Toluene	0.20	U
10061-02-6-----	trans-1,3-Dichloropropene	0.20	U
79-00-5-----	1,1,2-Trichloroethane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: MBLK050106CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEAB01E

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

127-18-4-----	Tetrachloroethene	0.20	U
124-48-1-----	Dibromochloromethane	0.20	U
106-93-4-----	1,2-Dibromoethane	0.20	U
108-90-7-----	Chlorobenzene	0.20	U
100-41-4-----	Ethylbenzene	0.20	U
1330-20-7-----	Xylene (m,p)	0.50	U
95-47-6-----	Xylene (o)	0.20	U
100-42-5-----	Styrene	0.20	U
75-25-2-----	Bromoform	0.20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8-----	4-Ethyltoluene	0.20	U
108-67-8-----	1,3,5-Trimethylbenzene	0.20	U
95-49-8-----	2-Chlorotoluene	0.20	U
95-63-6-----	1,2,4-Trimethylbenzene	0.20	U
541-73-1-----	1,3-Dichlorobenzene	0.20	U
106-46-7-----	1,4-Dichlorobenzene	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.20	U
120-82-1-----	1,2,4-Trichlorobenzene	0.50	U
87-68-3-----	Hexachlorobutadiene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

75-71-8-----	Dichlorodifluoromethane	11	
76-14-2-----	1,2-Dichlorotetrafluoroethane	10	
74-87-3-----	Chloromethane	10	
75-01-4-----	Vinyl Chloride	9.7	
106-99-0-----	1,3-Butadiene	10	
74-83-9-----	Bromomethane	10	
75-00-3-----	Chloroethane	9.9	
593-60-2-----	Bromoethene	9.7	
75-69-4-----	Trichlorofluoromethane	11	
76-13-1-----	Freon TF	9.6	
75-35-4-----	1,1-Dichloroethene	9.0	
75-15-0-----	Carbon Disulfide	11	
107-05-1-----	3-Chloropropene	11	
75-09-2-----	Methylene Chloride	10	
156-60-5-----	trans-1,2-Dichloroethene	11	
110-54-3-----	n-Hexane	11	
75-34-3-----	1,1-Dichloroethane	11	
156-59-2-----	cis-1,2-Dichloroethene	9.4	
67-66-3-----	Chloroform	10	
71-55-6-----	1,1,1-Trichloroethane	9.5	
110-82-7-----	Cyclohexane	9.7	
56-23-5-----	Carbon Tetrachloride	9.8	
540-84-1-----	2,2,4-Trimethylpentane	10	
71-43-2-----	Benzene	10	
107-06-2-----	1,2-Dichloroethane	10	
142-82-5-----	n-Heptane	10	
79-01-6-----	Trichloroethene	9.4	
78-87-5-----	1,2-Dichloropropane	10	
75-27-4-----	Bromodichloromethane	9.8	
10061-01-5-----	cis-1,3-Dichloropropene	9.6	
108-88-3-----	Toluene	9.2	
10061-02-6-----	trans-1,3-Dichloropropene	10	
79-00-5-----	1,1,2-Trichloroethane	10	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

127-18-4-----	Tetrachloroethene	8.9	
124-48-1-----	Dibromochloromethane	9.7	
106-93-4-----	1,2-Dibromoethane	9.9	
108-90-7-----	Chlorobenzene	9.3	
100-41-4-----	Ethylbenzene	9.5	
1330-20-7-----	Xylene (m,p)	18	
95-47-6-----	Xylene (o)	9.4	
100-42-5-----	Styrene	9.2	
75-25-2-----	Bromoform	9.3	
79-34-5-----	1,1,2,2-Tetrachloroethane	8.9	
622-96-8-----	4-Ethyltoluene	9.4	
108-67-8-----	1,3,5-Trimethylbenzene	9.6	
95-49-8-----	2-Chlorotoluene	9.6	
95-63-6-----	1,2,4-Trimethylbenzene	9.3	
541-73-1-----	1,3-Dichlorobenzene	8.7	
106-46-7-----	1,4-Dichlorobenzene	8.8	
95-50-1-----	1,2-Dichlorobenzene	9.2	
120-82-1-----	1,2,4-Trichlorobenzene	6.6	
87-68-3-----	Hexachlorobutadiene	7.3	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8-----	Dichlorodifluoromethane	12	
76-14-2-----	1,2-Dichlorotetrafluoroethane	11	
74-87-3-----	Chloromethane	11	
75-01-4-----	Vinyl Chloride	10	
106-99-0-----	1,3-Butadiene	11	
74-83-9-----	Bromomethane	11	
75-00-3-----	Chloroethane	10	
593-60-2-----	Bromoethene	9.6	
75-69-4-----	Trichlorofluoromethane	11	
76-13-1-----	Freon TF	10	
75-35-4-----	1,1-Dichloroethene	9.1	
75-15-0-----	Carbon Disulfide	11	
107-05-1-----	3-Chloropropene	12	
75-09-2-----	Methylene Chloride	11	
156-60-5-----	trans-1,2-Dichloroethene	11	
110-54-3-----	n-Hexane	12	
75-34-3-----	1,1-Dichloroethane	12	
156-59-2-----	cis-1,2-Dichloroethene	9.8	
67-66-3-----	Chloroform	11	
71-55-6-----	1,1,1-Trichloroethane	9.9	
110-82-7-----	Cyclohexane	10	
56-23-5-----	Carbon Tetrachloride	10	
540-84-1-----	2,2,4-Trimethylpentane	11	
71-43-2-----	Benzene	10	
107-06-2-----	1,2-Dichloroethane	11	
142-82-5-----	n-Heptane	10	
79-01-6-----	Trichloroethene	9.8	
78-87-5-----	1,2-Dichloropropane	11	
75-27-4-----	Bromodichloromethane	10	
10061-01-5-----	cis-1,3-Dichloropropene	10	
108-88-3-----	Toluene	9.1	
10061-02-6-----	trans-1,3-Dichloropropene	11	
79-00-5-----	1,1,2-Trichloroethane	10	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

127-18-4-----	Tetrachloroethene	9.0	
124-48-1-----	Dibromochloromethane	10	
106-93-4-----	1,2-Dibromoethane	10	
108-90-7-----	Chlorobenzene	9.6	
100-41-4-----	Ethylbenzene	9.7	
1330-20-7-----	Xylene (m,p)	19	
95-47-6-----	Xylene (o)	9.7	
100-42-5-----	Styrene	9.5	
75-25-2-----	Bromoform	9.3	
79-34-5-----	1,1,2,2-Tetrachloroethane	9.4	
622-96-8-----	4-Ethyltoluene	9.5	
108-67-8-----	1,3,5-Trimethylbenzene	10	
95-49-8-----	2-Chlorotoluene	10	
95-63-6-----	1,2,4-Trimethylbenzene	9.8	
541-73-1-----	1,3-Dichlorobenzene	9.1	
106-46-7-----	1,4-Dichlorobenzene	9.1	
95-50-1-----	1,2-Dichlorobenzene	9.5	
120-82-1-----	1,2,4-Trichlorobenzene	6.9	
87-68-3-----	Hexachlorobutadiene	7.6	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEAELCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		10	100	70-130
Chloromethane	10		10	100	70-130
Vinyl Chloride	10		9.7	97	70-130
1,3-Butadiene	10		10	100	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		9.9	99	70-130
Bromoethene	10		9.7	97	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		9.6	96	70-130
1,1-Dichloroethene	10		9.0	90	70-130
Carbon Disulfide	10		11	110	70-130
3-Chloropropene	10		11	110	70-130
Methylene Chloride	10		10	100	70-130
trans-1,2-Dichloroethen	10		11	110	70-130
n-Hexane	10		11	110	70-130
1,1-Dichloroethane	10		11	110	70-130
cis-1,2-Dichloroethene	10		9.4	94	70-130
Chloroform	10		10	100	70-130
1,1,1-Trichloroethane	10		9.5	95	70-130
Cyclohexane	10		9.7	97	70-130
Carbon Tetrachloride	10		9.8	98	70-130
2,2,4-Trimethylpentane	10		10	100	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		10	100	70-130
n-Heptane	10		10	100	70-130
Trichloroethene	10		9.4	94	70-130
1,2-Dichloropropane	10		10	100	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEAELCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
Bromodichloromethane	10		9.8	98	70-130
cis-1,3-Dichloropropene	10		9.6	96	70-130
Toluene	10		9.2	92	70-130
trans-1,3-Dichloroprope	10		10	100	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		8.9	89	70-130
Dibromochloromethane	10		9.7	97	70-130
1,2-Dibromoethane	10		9.9	99	70-130
Chlorobenzene	10		9.3	93	70-130
Ethylbenzene	10		9.5	95	70-130
Xylene (m,p)	20		18	90	70-130
Xylene (o)	10		9.4	94	70-130
Styrene	10		9.2	92	70-130
Bromoform	10		9.3	93	70-130
1,1,2,2-Tetrachloroetha	10		8.9	89	70-130
4-Ethyltoluene	10		9.4	94	70-130
1,3,5-Trimethylbenzene	10		9.6	96	70-130
2-Chlorotoluene	10		9.6	96	70-130
1,2,4-Trimethylbenzene	10		9.3	93	70-130
1,3-Dichlorobenzene	10		8.7	87	70-130
1,4-Dichlorobenzene	10		8.8	88	70-130
1,2-Dichlorobenzene	10		9.2	92	70-130
1,2,4-Trichlorobenzene	10		6.6	66*	70-130
Hexachlorobutadiene	10		7.3	73	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEAELCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	10	12	120	9	25	70-130
1,2-Dichlorotetrafluoro	10	11	110	10	25	70-130
Chloromethane	10	11	110	10	25	70-130
Vinyl Chloride	10	10	100	3	25	70-130
1,3-Butadiene	10	11	110	10	25	70-130
Bromomethane	10	11	110	10	25	70-130
Chloroethane	10	10	100	1	25	70-130
Bromoethene	10	9.6	96	1	25	70-130
Trichlorofluoromethane	10	11	110	0	25	70-130
Freon TF	10	10	100	4	25	70-130
1,1-Dichloroethene	10	9.1	91	1	25	70-130
Carbon Disulfide	10	11	110	0	25	70-130
3-Chloropropene	10	12	120	9	25	70-130
Methylene Chloride	10	11	110	10	25	70-130
trans-1,2-Dichloroethen	10	11	110	0	25	70-130
n-Hexane	10	12	120	9	25	70-130
1,1-Dichloroethane	10	12	120	9	25	70-130
cis-1,2-Dichloroethene	10	9.8	98	4	25	70-130
Chloroform	10	11	110	10	25	70-130
1,1,1-Trichloroethane	10	9.9	99	4	25	70-130
Cyclohexane	10	10	100	3	25	70-130
Carbon Tetrachloride	10	10	100	2	25	70-130
2,2,4-Trimethylpentane	10	11	110	10	25	70-130
Benzene	10	10	100	0	25	70-130
1,2-Dichloroethane	10	11	110	10	25	70-130
n-Heptane	10	10	100	0	25	70-130
Trichloroethene	10	9.8	98	4	25	70-130
1,2-Dichloropropane	10	11	110	10	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEAELCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
=====	=====	=====	=====	=====	=====	=====
Bromodichloromethane	10	10	100	2	25	70-130
cis-1,3-Dichloropropene	10	10	100	4	25	70-130
Toluene	10	9.1	91	1	25	70-130
trans-1,3-Dichloroprope	10	11	110	10	25	70-130
1,1,2-Trichloroethane	10	10	100	0	25	70-130
Tetrachloroethene	10	9.0	90	1	25	70-130
Dibromochloromethane	10	10	100	3	25	70-130
1,2-Dibromoethane	10	10	100	1	25	70-130
Chlorobenzene	10	9.6	96	3	25	70-130
Ethylbenzene	10	9.7	97	2	25	70-130
Xylene (m,p)	20	19	95	5	25	70-130
Xylene (o)	10	9.7	97	3	25	70-130
Styrene	10	9.5	95	3	25	70-130
Bromoform	10	9.3	93	0	25	70-130
1,1,2,2-Tetrachloroetha	10	9.4	94	5	25	70-130
4-Ethyltoluene	10	9.5	95	1	25	70-130
1,3,5-Trimethylbenzene	10	10	100	4	25	70-130
2-Chlorotoluene	10	10	100	4	25	70-130
1,2,4-Trimethylbenzene	10	9.8	98	5	25	70-130
1,3-Dichlorobenzene	10	9.1	91	4	25	70-130
1,4-Dichlorobenzene	10	9.1	91	3	25	70-130
1,2-Dichlorobenzene	10	9.5	95	3	25	70-130
1,2,4-Trichlorobenzene	10	6.9	69*	4	25	70-130
Hexachlorobutadiene	10	7.6	76	4	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 52 outside limits

Spike Recovery: 2 out of 104 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Lab File ID: CEAB01E

Lab Sample ID: MBLK050106CA

Date Analyzed: 05/01/06

Time Analyzed: 2345

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	CEAELCS	CEAELCS	CEA10EQ	2225
02	CEAELCSD	CEAELCSD	CEA10EQD	2305
03	DPE-GAC-EFFL	665925	665925D	0226
04	AS-EFFLUENT	665927	665927D	0345
05	DPE-GAG-INFL	665926	665926D2	1630
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 26012
Lab Code: STLVT Case No.: SCOTAVI SAS No.: SDG No.: A064147
Lab File ID: CEA01PV BFB Injection Date: 04/25/06
Instrument ID: C BFB Injection Time: 0815
GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.4
75	30.0 - 66.0% of mass 95	60.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	118.1
175	4.0 - 9.0% of mass 174	8.6 (7.2)1
176	93.0 - 101.0% of mass 174	114.9 (97.3)1
177	5.0 - 9.0% of mass 176	7.4 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0002	ASTD0002	CEA002V	04/25/06	0854
02	ASTD0005	ASTD0005	CEA005V	04/25/06	0934
03	ASTD005	ASTD005	CEA05V	04/25/06	1014
04	ASTD010	ASTD010	CEA10V	04/25/06	1054
05	ASTD015	ASTD015	CEA15V	04/25/06	1134
06	ASTD020	ASTD020	CEA20V	04/25/06	1214
07	ASTD040	ASTD040	CEA40V	04/25/06	1254
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Lab File ID: CEA07PV

BFB Injection Date: 05/01/06

Instrument ID: C

BFB Injection Time: 2101

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.0
75	30.0 - 66.0% of mass 95	59.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	102.8
175	4.0 - 9.0% of mass 174	6.9 (6.7)1
176	93.0 - 101.0% of mass 174	98.6 (95.8)1
177	5.0 - 9.0% of mass 176	6.4 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	CEA10EV	05/01/06	2135
02	CEAELCS	CEAELCS	CEA10EQ	05/01/06	2225
03	CEAELCSD	CEAELCSD	CEA10EQD	05/01/06	2305
04	MBLK050106CA	MBLK050106CA	CEAB01E	05/01/06	2345
05	DPE-GAC-EFFL	665925	665925D	05/02/06	0226
06	AS-EFFLUENT	665927	665927D	05/02/06	0345
07	DPE-GAG-INFL	665926	665926D2	05/02/06	1630
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date(s): 04/25/06 04/25/06

Heated Purge: (Y/N) N

Calibration Time(s): 0854

1254

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:	RRF0.2=CEA002V	RRF0.5=CEA005V					
RRF2 =	RRF5 =CEA05V	RRF10 =CEA10V					
COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	RRF	% RSD
Dichlorodifluoromethane		19.373		19.952	18.879		
1,2-Dichlorotetrafluoroethane	10.309	10.034		10.335	9.760		
Chloromethane		1.790		1.546	1.430		
Vinyl Chloride	2.210	2.294		2.140	1.960		
1,3-Butadiene		1.584		1.713	1.543		
Bromomethane	2.179	1.949		1.960	1.843		
Chloroethane	1.266	1.112		1.019	0.975		
Bromoethene	1.108	1.061		0.960	0.942		
Trichlorofluoromethane	9.043	8.339		8.254	8.052		
Freon TF	3.314	3.126		3.356	3.308		
1,1-Dichloroethene	1.181	1.111		1.062	1.044		
Acetone				3.701	3.444		
Isopropyl Alcohol				1.726	1.635		
Carbon Disulfide		3.540		3.511	3.525		
3-Chloropropene		2.340		2.319	2.238		
Methylene Chloride		3.465		2.734	2.573		
tert-Butyl Alcohol				2.792	2.511		
Methyl tert-Butyl Ether		4.974		5.472	5.258		
trans-1,2-Dichloroethene	3.096	3.054		3.120	3.080		
n-Hexane		2.287		2.298	2.301		
1,1-Dichloroethane	* 3.323	3.228		3.424	3.322		*
1,2-Dichloroethene (total)	2.112	2.077		2.106	2.076		
Methyl Ethyl Ketone		0.698		0.598	0.640		
cis-1,2-Dichloroethene	1.128	1.101		1.092	1.072		
Tetrahydrofuran				0.375	0.364		
Chloroform	5.027	4.640		4.728	4.634		
1,1,1-Trichloroethane	0.971	0.966		1.058	1.097		
Cyclohexane	0.280	0.305		0.327	0.337		
Carbon Tetrachloride	1.092	1.057		1.182	1.189		
2,2,4-Trimethylpentane	1.165	1.152		1.267	1.302		
Benzene	0.574	0.595		0.640	0.632		
1,2-Dichloroethane	0.848	0.825		0.916	0.911		
n-Heptane	0.547	0.522		0.578	0.602		
Trichloroethene	0.373	0.368		0.373	0.386		
Methyl Methacrylate		0.235		0.270	0.269		
1,2-Dichloropropane	0.297	0.243		0.281	0.274		
1,4-Dioxane				0.060	0.056		

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date(s): 04/25/06 04/25/06

Heated Purge: (Y/N) N

Calibration Time(s): 0854

1254

GC Column: RTX-624 ID: 0.32 (mm)

[illegible]

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date(s): 04/25/06 04/25/06

Heated Purge: (Y/N) N

Calibration Time(s): 0854 1254

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:		RRF15 =CEA15V		RRF20 =CEA20V			
RRF40 =CEA40V							
COMPOUND	RRF15	RRF20	RRF40			RRF	% RSD
Dichlorodifluoromethane		17.898	15.930			18.406	8.6
1,2-Dichlorotetrafluoroethane		9.281	8.482			9.700	7.4
Chloromethane		1.292	1.101			1.432	18.2
Vinyl Chloride		1.779	1.530			1.986	14.6
1,3-Butadiene		1.399	1.180			1.484	13.7
Bromomethane		1.831	1.701			1.910	8.5
Chloroethane		0.959	0.846			1.030	14.0
Bromoethene		0.972	0.932			0.996	7.2
Trichlorofluoromethane		8.205	7.918			8.302	4.7
Freon TF		3.396	3.438			3.323	3.3
1,1-Dichloroethene		1.055	1.022			1.079	5.4
Acetone	3.521	3.361	3.044			3.414	7.1
Isopropyl Alcohol	1.644	1.492	1.328			1.565	10.0
Carbon Disulfide		3.637	3.485			3.540	1.6
3-Chloropropene		2.311	2.188			2.279	2.8
Methylene Chloride		2.536	2.349			2.731	15.8
tert-Butyl Alcohol	2.692	2.456	2.174			2.525	9.4
Methyl tert-Butyl Ether		5.682	5.542			5.386	5.1
trans-1,2-Dichloroethene		3.181	3.124			3.109	1.4
n-Hexane		2.419	2.415			2.344	2.9
1,1-Dichloroethane *		3.512	3.491			3.383	3.3*
1,2-Dichloroethene (total)		2.188	2.182			2.124	2.3
Methyl Ethyl Ketone		0.705	0.716			0.671	7.5
cis-1,2-Dichloroethene		1.195	1.241			1.138	5.8
Tetrahydrofuran	0.392	0.400	0.440			0.394	7.4
Chloroform		4.986	5.061			4.846	4.1
1,1,1-Trichloroethane		1.251	1.539			1.147	19.0
Cyclohexane		0.381	0.446			0.346	17.2
Carbon Tetrachloride		1.321	1.544			1.231	14.5
2,2,4-Trimethylpentane		1.484	1.702			1.345	15.8
Benzene		0.688	0.740			0.645	9.4
1,2-Dichloroethane		1.040	1.171			0.952	13.8
n-Heptane		0.719	0.838			0.634	19.0
Trichloroethene		0.429	0.488			0.403	11.8
Methyl Methacrylate		0.314	0.352			0.288	15.7
1,2-Dichloropropane		0.309	0.341			0.291	11.4
1,4-Dioxane	0.062	0.055	0.053			0.057	6.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date(s): 04/25/06 04/25/06

Heated Purge: (Y/N) N

Calibration Time(s): 0854

1254

GC Column: RTX-624 ID: 0.32 (mm)

[illegible]

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date: 05/01/06

Time: 2135

Lab File ID: CEA10EV

Init. Calib. Date(s): 04/25/06

04/25/06

Heated Purge: (Y/N) N

Init. Calib. Times: 0854

1254

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
=====	=====	=====	=====	=====	=====
Dichlorodifluoromethane	18.406	20.272	0.01	10.1	30.0
1,2-Dichlorotetrafluoroethane	9.700	9.821	0.01	1.2	30.0
Chloromethane	1.432	1.420	0.01	0.8	30.0
Vinyl Chloride	1.986	1.967	0.01	1.0	30.0
1,3-Butadiene	1.484	1.608	0.01	8.4	30.0
Bromomethane	1.910	1.866	0.01	2.3	30.0
Chloroethane	1.030	1.008	0.01	2.1	30.0
Bromoethene	0.996	1.065	0.01	6.9	30.0
Trichlorofluoromethane	8.302	9.150	0.01	10.2	30.0
Freon TF	3.323	3.661	0.01	10.2	30.0
1,1-Dichloroethene	1.079	1.145	0.01	6.1	30.0
Carbon Disulfide	3.540	4.004	0.01	13.1	30.0
3-Chloropropene	2.279	2.834	0.01	24.4	30.0
Methylene Chloride	2.731	3.165	0.01	15.9	30.0
trans-1,2-Dichloroethene	3.109	3.661	0.01	17.8	30.0
n-Hexane	2.344	2.762	0.01	17.8	30.0
1,1-Dichloroethane	3.383	3.927	0.1	16.1	30.0
cis-1,2-Dichloroethene	1.138	1.175	0.01	3.2	30.0
Chloroform	4.846	5.313	0.01	9.6	30.0
1,1,1-Trichloroethane	1.147	1.201	0.01	4.7	30.0
Cyclohexane	0.346	0.360	0.01	4.0	30.0
Carbon Tetrachloride	1.231	1.285	0.01	4.4	30.0
2,2,4-Trimethylpentane	1.345	1.494	0.01	11.1	30.0
Benzene	0.645	0.680	0.01	5.4	30.0
1,2-Dichloroethane	0.952	1.062	0.01	11.6	30.0
n-Heptane	0.634	0.714	0.01	12.6	30.0
Trichloroethene	0.403	0.414	0.01	2.7	30.0
1,2-Dichloropropane	0.291	0.322	0.01	10.6	30.0
Bromodichloromethane	1.034	1.136	0.01	9.9	30.0
cis-1,3-Dichloropropene	0.557	0.572	0.01	2.7	30.0
Toluene	0.426	0.414	0.01	2.8	30.0
trans-1,3-Dichloropropene	0.691	0.747	0.01	8.1	30.0
1,1,2-Trichloroethane	0.248	0.257	0.01	3.6	30.0
Tetrachloroethene	0.219	0.198	0.01	9.6	30.0
Dibromochloromethane	0.623	0.622	0.01	0.2	30.0
1,2-Dibromoethane	0.397	0.393	0.01	1.0	30.0
Chlorobenzene	0.554	0.514	0.3	7.2	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date: 05/01/06

Time: 2135

Lab File ID: CEA10EV

Init. Calib. Date(s): 04/25/06

04/25/06

Heated Purge: (Y/N) N

Init. Calib. Times: 0854

1254

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
Ethylbenzene	1.311	1.278	0.01	2.5	30.0
Xylene (m,p)	0.368	0.337	0.01	8.4	30.0
Xylene (o)	0.349	0.312	0.01	10.6	30.0
Styrene	0.566	0.525	0.01	7.2	30.0
Bromoform	0.454	0.442	0.01	2.6	30.0
1,1,2,2-Tetrachloroethane	0.754	0.728	0.01	3.4	30.0
4-Ethyltoluene	1.383	1.398	0.01	1.1	30.0
1,3,5-Trimethylbenzene	1.266	1.180	0.01	6.8	30.0
2-Chlorotoluene	1.529	1.487	0.01	2.7	30.0
1,2,4-Trimethylbenzene	1.210	1.209	0.01	0.1	30.0
1,3-Dichlorobenzene	0.460	0.427	0.01	7.2	30.0
1,4-Dichlorobenzene	0.447	0.418	0.01	6.5	30.0
1,2-Dichlorobenzene	0.423	0.407	0.01	3.8	30.0
1,2,4-Trichlorobenzene	0.276	0.247	0.01	10.5	30.0
Hexachlorobutadiene	0.330	0.276	0.01	16.4	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Lab File ID (Standard): CEA10EV

Date Analyzed: 05/01/06

Instrument ID: C

Time Analyzed: 2135

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	73373	9.20	413116	10.05	440905	12.50
UPPER LIMIT	102722	9.53	578362	10.38	617267	12.83
LOWER LIMIT	44024	8.87	247870	9.72	264543	12.17
=====	=====	=====	=====	=====	=====	=====
CLIENT						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 CEALCS	76300	9.20	434047	10.06	442075	12.50
02 CEALCSD	69649	9.20	406072	10.06	430770	12.50
03 MBLK050106CA	70819	9.20	417372	10.06	408488	12.49
04 DPE-GAC-EFFL	63254	9.20	373557	10.06	380936	12.50
05 AS-EFFLUENT	65709	9.20	381120	10.06	387821	12.49
06 DPE-GAG-INFL	52159	9.20	303655	10.06	302774	12.50
07						
08						
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17						
18						
19						
20						
21						
22						

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
 AREA LOWER LIMIT = - 40% of internal standard area
 RT UPPER LIMIT = + 0.33 minutes of internal standard RT
 RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

**STL Burlington
Colchester, Vermont**

Extended Data Package

SDG: A063978

Case Narrative	1
Chain of Custody	15
TO-14A Volatile QC Summary	17
TO-14A Volatile Supportive Documentation	26
TO-14A Volatile Standards	64
TO-14A Volatile Raw QC Data	121
Organic Sample Preparation.....	145
Sample Handling	150
Last Page of this Document.....	151



NARRATIVE



STL®

May 4, 2006

Mr. Brian Fischer
Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

Re: Laboratory Project No. 26012
Case: SCOTTAVI; SDG: A063978

Dear Mr. Fischer:

Enclosed are the analytical results for the samples that were received by STL Burlington on April 14th, 2006. Laboratory identification numbers were assigned, and designated as follows:

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>Sample Matrix</u>
Received: 04/14/06 ETR No: 113802			
665925	DPE-GAC-EFFLUENT	04/11/06	AIR
665926	DPE-GAG-INFLUENT	04/11/06	AIR
665927	AS-EFFLUENT	04/11/06	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The samples were analyzed for volatile organics by Method TO-14A. The analyses of the samples in this delivery group were accomplished at dilutions to quantify all of the target analytes within the calibrated range of instrument response. Laboratory control samples were prepared and analyzed in duplicate in the analytical sequence. The target analytes were recovered well in those analyses with the exception of 1,2,4-trichlorobenzene. The method blank that was analyzed in association with the samples was free of contamination.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Kristine A. Dusablon
Project Manager

Enclosure

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAC-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665925

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	500	U	500	2500	U	2500
1,2-Dichlorotetrafluoroethane	76-14-2	200	U	200	1400	U	1400
Chloromethane	74-87-3	500	U	500	1000	U	1000
Vinyl Chloride	75-01-4	2100		200	5400		510
1,3-Butadiene	106-99-0	500	U	500	1100	U	1100
Bromomethane	74-83-9	200	U	200	780	U	780
Chloroethane	75-00-3	200	U	200	530	U	530
Bromoethene	593-60-2	200	U	200	870	U	870
Trichlorofluoromethane	75-69-4	200	U	200	1100	U	1100
Freon TF	76-13-1	200	U	200	1500	U	1500
1,1-Dichloroethene	75-35-4	340		200	1300		790
Carbon Disulfide	75-15-0	500	U	500	1600	U	1600
3-Chloropropene	107-05-1	500	U	500	1600	U	1600
Methylene Chloride	75-09-2	500	U	500	1700	U	1700
trans-1,2-Dichloroethene	156-60-5	200	U	200	790	U	790
n-Hexane	110-54-3	500	U	500	1800	U	1800
1,1-Dichloroethane	75-34-3	820		200	3300		810
cis-1,2-Dichloroethene	156-59-2	24000		200	95000		790
Chloroform	67-66-3	200	U	200	980	U	980
1,1,1-Trichloroethane	71-55-6	690		200	3800		1100
Cyclohexane	110-82-7	380		200	1300		690
Carbon Tetrachloride	56-23-5	200	U	200	1300	U	1300
2,2,4-Trimethylpentane	540-84-1	200	U	200	930	U	930
Benzene	71-43-2	200	U	200	640	U	640
1,2-Dichloroethane	107-06-2	200	U	200	810	U	810
n-Heptane	142-82-5	200	U	200	820	U	820
Trichloroethene	79-01-6	29000		200	160000		1100
1,2-Dichloropropane	78-87-5	200	U	200	920	U	920
Bromodichloromethane	75-27-4	200	U	200	1300	U	1300
cis-1,3-Dichloropropene	10061-01-5	200	U	200	910	U	910
Toluene	108-88-3	200	U	200	750	U	750
trans-1,3-Dichloropropene	10061-02-6	200	U	200	910	U	910
1,1,2-Trichloroethane	79-00-5	200	U	200	1100	U	1100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAC-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665925

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Tetrachloroethene	127-18-4	200	U	200	1400	U	1400
Dibromochloromethane	124-48-1	200	U	200	1700	U	1700
1,2-Dibromoethane	106-93-4	200	U	200	1500	U	1500
Chlorobenzene	108-90-7	200	U	200	920	U	920
Ethylbenzene	100-41-4	200	U	200	870	U	870
Xylene (m,p)	1330-20-7	500	U	500	2200	U	2200
Xylene (o)	95-47-6	200	U	200	870	U	870
Styrene	100-42-5	200	U	200	850	U	850
Bromoform	75-25-2	200	U	200	2100	U	2100
1,1,2,2-Tetrachloroethane	79-34-5	200	U	200	1400	U	1400
4-Ethyltoluene	622-96-8	200	U	200	980	U	980
1,3,5-Trimethylbenzene	108-67-8	200	U	200	980	U	980
2-Chlorotoluene	95-49-8	200	U	200	1000	U	1000
1,2,4-Trimethylbenzene	95-63-6	200	U	200	980	U	980
1,3-Dichlorobenzene	541-73-1	200	U	200	1200	U	1200
1,4-Dichlorobenzene	106-46-7	200	U	200	1200	U	1200
1,2-Dichlorobenzene	95-50-1	200	U	200	1200	U	1200
1,2,4-Trichlorobenzene	120-82-1	500	U	500	3700	U	3700
Hexachlorobutadiene	87-68-3	200	U	200	2100	U	2100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAG-INFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665926

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dichlorodifluoromethane	75-71-8	500	U	500	2500	U	2500
1,2-Dichlorotetrafluoroethane	76-14-2	200	U	200	1400	U	1400
Chloromethane	74-87-3	500	U	500	1000	U	1000
Vinyl Chloride	75-01-4	6300		200	16000		510
1,3-Butadiene	106-99-0	500	U	500	1100	U	1100
Bromomethane	74-83-9	200	U	200	780	U	780
Chloroethane	75-00-3	200	U	200	530	U	530
Bromoethene	593-60-2	200	U	200	870	U	870
Trichlorofluoromethane	75-69-4	200	U	200	1100	U	1100
Freon TF	76-13-1	200	U	200	1500	U	1500
1,1-Dichloroethene	75-35-4	230		200	910		790
Carbon Disulfide	75-15-0	500	U	500	1600	U	1600
3-Chloropropene	107-05-1	500	U	500	1600	U	1600
Methylene Chloride	75-09-2	500	U	500	1700	U	1700
trans-1,2-Dichloroethene	156-60-5	200	U	200	790	U	790
n-Hexane	110-54-3	500	U	500	1800	U	1800
1,1-Dichloroethane	75-34-3	970		200	3900		810
cis-1,2-Dichloroethene	156-59-2	31000		200	120000		790
Chloroform	67-66-3	200	U	200	980	U	980
1,1,1-Trichloroethane	71-55-6	1000		200	5500		1100
Cyclohexane	110-82-7	2500		200	8600		690
Carbon Tetrachloride	56-23-5	200	U	200	1300	U	1300
2,2,4-Trimethylpentane	540-84-1	200	U	200	930	U	930
Benzene	71-43-2	200	U	200	640	U	640
1,2-Dichloroethane	107-06-2	200	U	200	810	U	810
n-Heptane	142-82-5	570		200	2300		820
Trichloroethene	79-01-6	32000		200	170000		1100
1,2-Dichloropropane	78-87-5	200	U	200	920	U	920
Bromodichloromethane	75-27-4	200	U	200	1300	U	1300
cis-1,3-Dichloropropene	10061-01-5	200	U	200	910	U	910
Toluene	108-88-3	200	U	200	750	U	750
trans-1,3-Dichloropropene	10061-02-6	200	U	200	910	U	910
1,1,2-Trichloroethane	79-00-5	200	U	200	1100	U	1100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

DPE-GAG-INFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665926

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	200	U	200	1400	U	1400
Dibromochloromethane	124-48-1	200	U	200	1700	U	1700
1,2-Dibromoethane	106-93-4	200	U	200	1500	U	1500
Chlorobenzene	108-90-7	200	U	200	920	U	920
Ethylbenzene	100-41-4	200	U	200	870	U	870
Xylene (m,p)	1330-20-7	500	U	500	2200	U	2200
Xylene (o)	95-47-6	200	U	200	870	U	870
Styrene	100-42-5	200	U	200	850	U	850
Bromoform	75-25-2	200	U	200	2100	U	2100
1,1,2,2-Tetrachloroethane	79-34-5	200	U	200	1400	U	1400
4-Ethyltoluene	622-96-8	200	U	200	980	U	980
1,3,5-Trimethylbenzene	108-67-8	200	U	200	980	U	980
2-Chlorotoluene	95-49-8	200	U	200	1000	U	1000
1,2,4-Trimethylbenzene	95-63-6	200	U	200	980	U	980
1,3-Dichlorobenzene	541-73-1	200	U	200	1200	U	1200
1,4-Dichlorobenzene	106-46-7	200	U	200	1200	U	1200
1,2-Dichlorobenzene	95-50-1	200	U	200	1200	U	1200
1,2,4-Trichlorobenzene	120-82-1	500	U	500	3700	U	3700
Hexachlorobutadiene	87-68-3	200	U	200	2100	U	2100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

AS-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665927

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	10	U	10	49	U	49
1,2-Dichlorotetrafluoroethane	76-14-2	4.0	U	4.0	28	U	28
Chloromethane	74-87-3	10	U	10	21	U	21
Vinyl Chloride	75-01-4	16		4.0	41		10
1,3-Butadiene	106-99-0	10	U	10	22	U	22
Bromomethane	74-83-9	4.0	U	4.0	16	U	16
Chloroethane	75-00-3	64		4.0	170		11
Bromoethene	593-60-2	4.0	U	4.0	17	U	17
Trichlorofluoromethane	75-69-4	4.0	U	4.0	22	U	22
Freon TF	76-13-1	4.0	U	4.0	31	U	31
1,1-Dichloroethene	75-35-4	4.0	U	4.0	16	U	16
Carbon Disulfide	75-15-0	10	U	10	31	U	31
3-Chloropropene	107-05-1	10	U	10	31	U	31
Methylene Chloride	75-09-2	10	U	10	35	U	35
trans-1,2-Dichloroethene	156-60-5	4.5		4.0	18		16
n-Hexane	110-54-3	10	U	10	35	U	35
1,1-Dichloroethane	75-34-3	24		4.0	97		16
cis-1,2-Dichloroethene	156-59-2	490		4.0	1900		16
Chloroform	67-66-3	4.0	U	4.0	20	U	20
1,1,1-Trichloroethane	71-55-6	4.0	U	4.0	22	U	22
Cyclohexane	110-82-7	4.0	U	4.0	14	U	14
Carbon Tetrachloride	56-23-5	4.0	U	4.0	25	U	25
2,2,4-Trimethylpentane	540-84-1	4.0	U	4.0	19	U	19
Benzene	71-43-2	4.0	U	4.0	13	U	13
1,2-Dichloroethane	107-06-2	4.0	U	4.0	16	U	16
n-Heptane	142-82-5	4.0	U	4.0	16	U	16
Trichloroethene	79-01-6	200		4.0	1100		21
1,2-Dichloropropane	78-87-5	4.0	U	4.0	18	U	18
Bromodichloromethane	75-27-4	4.0	U	4.0	27	U	27
cis-1,3-Dichloropropene	10061-01-5	4.0	U	4.0	18	U	18
Toluene	108-88-3	5.8		4.0	22		15
trans-1,3-Dichloropropene	10061-02-6	4.0	U	4.0	18	U	18
1,1,2-Trichloroethane	79-00-5	4.0	U	4.0	22	U	22

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

AS-EFFLUENT

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: 665927

Date Analyzed: 05/02/2006

Date Received: 04/14/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	4.0	U	4.0	27	U	27
Dibromochloromethane	124-48-1	4.0	U	4.0	34	U	34
1,2-Dibromoethane	106-93-4	4.0	U	4.0	31	U	31
Chlorobenzene	108-90-7	4.0	U	4.0	18	U	18
Ethylbenzene	100-41-4	4.0	U	4.0	17	U	17
Xylene (m,p)	1330-20-7	10	U	10	43	U	43
Xylene (o)	95-47-6	4.0	U	4.0	17	U	17
Styrene	100-42-5	4.0	U	4.0	17	U	17
Bromoform	75-25-2	4.0	U	4.0	41	U	41
1,1,2,2-Tetrachloroethane	79-34-5	4.0	U	4.0	27	U	27
4-Ethyltoluene	622-96-8	4.0	U	4.0	20	U	20
1,3,5-Trimethylbenzene	108-67-8	4.0	U	4.0	20	U	20
2-Chlorotoluene	95-49-8	4.0	U	4.0	21	U	21
1,2,4-Trimethylbenzene	95-63-6	4.0	U	4.0	20	U	20
1,3-Dichlorobenzene	541-73-1	4.0	U	4.0	24	U	24
1,4-Dichlorobenzene	106-46-7	4.0	U	4.0	24	U	24
1,2-Dichlorobenzene	95-50-1	4.0	U	4.0	24	U	24
1,2,4-Trichlorobenzene	120-82-1	10	U	10	74	U	74
Hexachlorobutadiene	87-68-3	4.0	U	4.0	43	U	43

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	11		0.50	54		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	10		0.20	70		1.4
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	9.7		0.20	25		0.51
1,3-Butadiene	106-99-0	10		0.50	22		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	9.9		0.20	26		0.53
Bromoethene	593-60-2	9.7		0.20	42		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	9.6		0.20	74		1.5
1,1-Dichloroethene	75-35-4	9.0		0.20	36		0.79
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	11		0.50	34		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
n-Hexane	110-54-3	11		0.50	39		1.8
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
cis-1,2-Dichloroethene	156-59-2	9.4		0.20	37		0.79
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	9.5		0.20	52		1.1
Cyclohexane	110-82-7	9.7		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.8		0.20	62		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
n-Heptane	142-82-5	10		0.20	41		0.82
Trichloroethene	79-01-6	9.4		0.20	51		1.1
1,2-Dichloropropane	78-87-5	10		0.20	46		0.92
Bromodichloromethane	75-27-4	9.8		0.20	66		1.3
cis-1,3-Dichloropropene	10061-01-5	9.6		0.20	44		0.91
Toluene	108-88-3	9.2		0.20	35		0.75
trans-1,3-Dichloropropene	10061-02-6	10		0.20	45		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	8.9		0.20	60		1.4
Dibromochloromethane	124-48-1	9.7		0.20	83		1.7
1,2-Dibromoethane	106-93-4	9.9		0.20	76		1.5
Chlorobenzene	108-90-7	9.3		0.20	43		0.92
Ethylbenzene	100-41-4	9.5		0.20	41		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	9.4		0.20	41		0.87
Styrene	100-42-5	9.2		0.20	39		0.85
Bromoform	75-25-2	9.3		0.20	96		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.9		0.20	61		1.4
4-Ethyltoluene	622-96-8	9.4		0.20	46		0.98
1,3,5-Trimethylbenzene	108-67-8	9.6		0.20	47		0.98
2-Chlorotoluene	95-49-8	9.6		0.20	50		1.0
1,2,4-Trimethylbenzene	95-63-6	9.3		0.20	46		0.98
1,3-Dichlorobenzene	541-73-1	8.7		0.20	52		1.2
1,4-Dichlorobenzene	106-46-7	8.8		0.20	53		1.2
1,2-Dichlorobenzene	95-50-1	9.2		0.20	55		1.2
1,2,4-Trichlorobenzene	120-82-1	6.6		0.50	49		3.7
Hexachlorobutadiene	87-68-3	7.3		0.20	78		2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	12		0.50	59		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	11		0.20	77		1.4
Chloromethane	74-87-3	11		0.50	23		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	11		0.20	43		0.78
Chloroethane	75-00-3	10		0.20	26		0.53
Bromoethene	593-60-2	9.6		0.20	42		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	10		0.20	77		1.5
1,1-Dichloroethene	75-35-4	9.1		0.20	36		0.79
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	12		0.50	38		1.6
Methylene Chloride	75-09-2	11		0.50	38		1.7
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
n-Hexane	110-54-3	12		0.50	42		1.8
1,1-Dichloroethane	75-34-3	12		0.20	49		0.81
cis-1,2-Dichloroethene	156-59-2	9.8		0.20	39		0.79
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	9.9		0.20	54		1.1
Cyclohexane	110-82-7	10		0.20	34		0.69
Carbon Tetrachloride	56-23-5	10		0.20	63		1.3
2,2,4-Trimethylpentane	540-84-1	11		0.20	51		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethane	107-06-2	11		0.20	45		0.81
n-Heptane	142-82-5	10		0.20	41		0.82
Trichloroethene	79-01-6	9.8		0.20	53		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	10		0.20	45		0.91
Toluene	108-88-3	9.1		0.20	34		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: CEAELCS

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Tetrachloroethene	127-18-4	9.0		0.20	61		1.4
Dibromochloromethane	124-48-1	10		0.20	85		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	9.6		0.20	44		0.92
Ethylbenzene	100-41-4	9.7		0.20	42		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.7		0.20	42		0.87
Styrene	100-42-5	9.5		0.20	40		0.85
Bromoform	75-25-2	9.3		0.20	96		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.4		0.20	65		1.4
4-Ethyltoluene	622-96-8	9.5		0.20	47		0.98
1,3,5-Trimethylbenzene	108-67-8	10		0.20	49		0.98
2-Chlorotoluene	95-49-8	10		0.20	52		1.0
1,2,4-Trimethylbenzene	95-63-6	9.8		0.20	48		0.98
1,3-Dichlorobenzene	541-73-1	9.1		0.20	55		1.2
1,4-Dichlorobenzene	106-46-7	9.1		0.20	55		1.2
1,2-Dichlorobenzene	95-50-1	9.5		0.20	57		1.2
1,2,4-Trichlorobenzene	120-82-1	6.9		0.50	51		3.7
Hexachlorobutadiene	87-68-3	7.6		0.20	81		2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0501

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.50	U	0.50	1.0	U	1.0
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.20	U	0.20	0.53	U	0.53
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Carbon Disulfide	75-15-0	0.50	U	0.50	1.6	U	1.6
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methylene Chloride	75-09-2	0.50	U	0.50	1.7	U	1.7
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL Burlington

SDG Number: A064147

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0501

Date Analyzed: 05/01/2006

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Chlorobenzene	108-90-7	0.20	U	0.20	0.92	U	0.92
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Styrene	100-42-5	0.20	U	0.20	0.85	U	0.85
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	0.20	U	0.20	0.98	U	0.98
1,3-Dichlorobenzene	541-73-1	0.20	U	0.20	1.2	U	1.2
1,4-Dichlorobenzene	106-46-7	0.20	U	0.20	1.2	U	1.2
1,2-Dichlorobenzene	95-50-1	0.20	U	0.20	1.2	U	1.2
1,2,4-Trichlorobenzene	120-82-1	0.50	U	0.50	3.7	U	3.7
Hexachlorobutadiene	87-68-3	0.20	U	0.20	2.1	U	2.1

STL Burlington Data Qualifier Definitions

Organic

- U: Compound analyzed but not detected at a concentration above the reporting limit.
- J: Estimated value.
- N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.
- P: SW-846: Greater than 40% difference for detected concentrations between two GC columns. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.
- C: Pesticide result whose identification has been confirmed by GC/MS.
- B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.
- E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.
- D: Concentrations identified from analysis of the sample at a secondary dilution.
- A: Tentatively identified compound is a suspected aldol condensation product.
- X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

- E: Reported value is estimated due to the presence of interference.
- N: Matrix spike sample recovery is not within control limits.
- * Duplicate sample analysis is not within control limits.
- B: The result reported is less than the reporting limit but greater than the instrument detection limit.
- U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

- P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

CHAIN OF CUSTODY RECORD

[illegible]

STL BURLINGTON

ETR Number: 113802 Case: SCOTT AVE
 Project Number: 26012 SDG Number: A064147
 Method: TO-15
 Memo: Samples #'s 665925 - 927
 _____ placed in refrigerator
 by Jon Mkh on 4/18/06 1515 (date/time).
 Signature

Date	Time	Sample #	Relinquished By	Received By	Prep	Analysis	Storage
4/18/06	1515	665925-927	Jon Mkh Signature	Jon Mkh Signature			X
5/1/06	2330	665925-927	Jon Mkh Signature	Jon Mkh Signature		✓	
5/2/06	1800	665925-927	Jon Mkh Signature	Jon Mkh Signature			✓
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			
			Signature	Signature			



**METHOD TO-14A
VOLATILE ORGANIC ANALYSIS**

QC SUMMARY

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEAE LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		10	100	70-130
Chloromethane	10		10	100	70-130
Vinyl Chloride	10		9.7	97	70-130
1,3-Butadiene	10		10	100	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		9.9	99	70-130
Bromoethene	10		9.7	97	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		9.6	96	70-130
1,1-Dichloroethene	10		9.0	90	70-130
Carbon Disulfide	10		11	110	70-130
3-Chloropropene	10		11	110	70-130
Methylene Chloride	10		10	100	70-130
trans-1,2-Dichloroethen	10		11	110	70-130
n-Hexane	10		11	110	70-130
1,1-Dichloroethane	10		11	110	70-130
cis-1,2-Dichloroethene	10		9.4	94	70-130
Chloroform	10		10	100	70-130
1,1,1-Trichloroethane	10		9.5	95	70-130
Cyclohexane	10		9.7	97	70-130
Carbon Tetrachloride	10		9.8	98	70-130
2,2,4-Trimethylpentane	10		10	100	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		10	100	70-130
n-Heptane	10		10	100	70-130
Trichloroethene	10		9.4	94	70-130
1,2-Dichloropropane	10		10	100	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEAE LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
Bromodichloromethane	10		9.8	98	70-130
cis-1,3-Dichloropropene	10		9.6	96	70-130
Toluene	10		9.2	92	70-130
trans-1,3-Dichloroprope	10		10	100	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		8.9	89	70-130
Dibromochloromethane	10		9.7	97	70-130
1,2-Dibromoethane	10		9.9	99	70-130
Chlorobenzene	10		9.3	93	70-130
Ethylbenzene	10		9.5	95	70-130
Xylene (m,p)	20		18	90	70-130
Xylene (o)	10		9.4	94	70-130
Styrene	10		9.2	92	70-130
Bromoform	10		9.3	93	70-130
1,1,2,2-Tetrachloroetha	10		8.9	89	70-130
4-Ethyltoluene	10		9.4	94	70-130
1,3,5-Trimethylbenzene	10		9.6	96	70-130
2-Chlorotoluene	10		9.6	96	70-130
1,2,4-Trimethylbenzene	10		9.3	93	70-130
1,3-Dichlorobenzene	10		8.7	87	70-130
1,4-Dichlorobenzene	10		8.8	88	70-130
1,2-Dichlorobenzene	10		9.2	92	70-130
1,2,4-Trichlorobenzene	10		6.6	66*	70-130
Hexachlorobutadiene	10		7.3	73	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEALCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	10	12	120	9	25	70-130
1,2-Dichlorotetrafluoro	10	11	110	10	25	70-130
Chloromethane	10	11	110	10	25	70-130
Vinyl Chloride	10	10	100	3	25	70-130
1,3-Butadiene	10	11	110	10	25	70-130
Bromomethane	10	11	110	10	25	70-130
Chloroethane	10	10	100	1	25	70-130
Bromoethene	10	9.6	96	1	25	70-130
Trichlorofluoromethane	10	11	110	0	25	70-130
Freon TF	10	10	100	4	25	70-130
1,1-Dichloroethene	10	9.1	91	1	25	70-130
Carbon Disulfide	10	11	110	0	25	70-130
3-Chloropropene	10	12	120	9	25	70-130
Methylene Chloride	10	11	110	10	25	70-130
trans-1,2-Dichloroethen	10	11	110	0	25	70-130
n-Hexane	10	12	120	9	25	70-130
1,1-Dichloroethane	10	12	120	9	25	70-130
cis-1,2-Dichloroethene	10	9.8	98	4	25	70-130
Chloroform	10	11	110	10	25	70-130
1,1,1-Trichloroethane	10	9.9	99	4	25	70-130
Cyclohexane	10	10	100	3	25	70-130
Carbon Tetrachloride	10	10	100	2	25	70-130
2,2,4-Trimethylpentane	10	11	110	10	25	70-130
Benzene	10	10	100	0	25	70-130
1,2-Dichloroethane	10	11	110	10	25	70-130
n-Heptane	10	10	100	0	25	70-130
Trichloroethene	10	9.8	98	4	25	70-130
1,2-Dichloropropane	10	11	110	10	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix Spike - Sample No.: CEAE LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Bromodichloromethane	10	10	100	2	25	70-130
cis-1,3-Dichloropropene	10	10	100	4	25	70-130
Toluene	10	9.1	91	1	25	70-130
trans-1,3-Dichloroprope	10	11	110	10	25	70-130
1,1,2-Trichloroethane	10	10	100	0	25	70-130
Tetrachloroethene	10	9.0	90	1	25	70-130
Dibromochloromethane	10	10	100	3	25	70-130
1,2-Dibromoethane	10	10	100	1	25	70-130
Chlorobenzene	10	9.6	96	3	25	70-130
Ethylbenzene	10	9.7	97	2	25	70-130
Xylene (m,p)	20	19	95	5	25	70-130
Xylene (o)	10	9.7	97	3	25	70-130
Styrene	10	9.5	95	3	25	70-130
Bromoform	10	9.3	93	0	25	70-130
1,1,2,2-Tetrachloroetha	10	9.4	94	5	25	70-130
4-Ethyltoluene	10	9.5	95	1	25	70-130
1,3,5-Trimethylbenzene	10	10	100	4	25	70-130
2-Chlorotoluene	10	10	100	4	25	70-130
1,2,4-Trimethylbenzene	10	9.8	98	5	25	70-130
1,3-Dichlorobenzene	10	9.1	91	4	25	70-130
1,4-Dichlorobenzene	10	9.1	91	3	25	70-130
1,2-Dichlorobenzene	10	9.5	95	3	25	70-130
1,2,4-Trichlorobenzene	10	6.9	69*	4	25	70-130
Hexachlorobutadiene	10	7.6	76	4	25	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 52 outside limits

Spike Recovery: 2 out of 104 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

Lab Name: STL BURLINGTON

Contract: 26012

MBLK050106CA

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Lab File ID: CEAB01E

Lab Sample ID: MBLK050106CA

Date Analyzed: 05/01/06

Time Analyzed: 2345

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	CEAELCS	CEAELCS	CEA10EQ	2225
02	CEAELCSD	CEAELCSD	CEA10EQD	2305
03	DPE-GAC-EFFL	665925	665925D	0226
04	AS-EFFLUENT	665927	665927D	0345
05	DPE-GAG-INFL	665926	665926D2	1630
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 26012
Lab Code: STLVT Case No.: SCOTAVI SAS No.: SDG No.: A064147
Lab File ID: CEA01PV BFB Injection Date: 04/25/06
Instrument ID: C BFB Injection Time: 0815
GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.4
75	30.0 - 66.0% of mass 95	60.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.6 (0.5)1
174	50.0 - 120.0% of mass 95	118.1
175	4.0 - 9.0% of mass 174	8.6 (7.2)1
176	93.0 - 101.0% of mass 174	114.9 (97.3)1
177	5.0 - 9.0% of mass 176	7.4 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0002	ASTD0002	CEA002V	04/25/06	0854
02	ASTD0005	ASTD0005	CEA005V	04/25/06	0934
03	ASTD005	ASTD005	CEA05V	04/25/06	1014
04	ASTD010	ASTD010	CEA10V	04/25/06	1054
05	ASTD015	ASTD015	CEA15V	04/25/06	1134
06	ASTD020	ASTD020	CEA20V	04/25/06	1214
07	ASTD040	ASTD040	CEA40V	04/25/06	1254
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Lab File ID: CEA07PV

BFB Injection Date: 05/01/06

Instrument ID: C

BFB Injection Time: 2101

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.0
75	30.0 - 66.0% of mass 95	59.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	102.8
175	4.0 - 9.0% of mass 174	6.9 (6.7)1
176	93.0 - 101.0% of mass 174	98.6 (95.8)1
177	5.0 - 9.0% of mass 176	6.4 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	CEA10EV	05/01/06	2135
02	CEAELCS	CEAELCS	CEA10EQ	05/01/06	2225
03	CEAELCSD	CEAELCSD	CEA10EQD	05/01/06	2305
04	MBLK050106CA	MBLK050106CA	CEAB01E	05/01/06	2345
05	DPE-GAC-EFFL	665925	665925D	05/02/06	0226
06	AS-EFFLUENT	665927	665927D	05/02/06	0345
07	DPE-GAG-INFL	665926	665926D2	05/02/06	1630
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Lab File ID (Standard): CEA10EV

Date Analyzed: 05/01/06

Instrument ID: C

Time Analyzed: 2135

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	73373	9.20	413116	10.05	440905	12.50
UPPER LIMIT	102722	9.53	578362	10.38	617267	12.83
LOWER LIMIT	44024	8.87	247870	9.72	264543	12.17
=====	=====	=====	=====	=====	=====	=====
CLIENT						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 CEAELCS	76300	9.20	434047	10.06	442075	12.50
02 CEAELCSD	69649	9.20	406072	10.06	430770	12.50
03 MBLK050106CA	70819	9.20	417372	10.06	408488	12.49
04 DPE-GAC-EFFL	63254	9.20	373557	10.06	380936	12.50
05 AS-EFFLUENT	65709	9.20	381120	10.06	387821	12.49
06 DPE-GAG-INFL	52159	9.20	303655	10.06	302774	12.50
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area

AREA LOWER LIMIT = - 40% of internal standard area

RT UPPER LIMIT = + 0.33 minutes of internal standard RT

RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



**METHOD TO-14A
VOLATILE ORGANIC ANALYSIS**

SUPPORTIVE DOCUMENTATION

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAC- EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665925

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665925D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	500	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	200	U
74-87-3-----	Chloromethane	500	U
75-01-4-----	Vinyl Chloride	2100	
106-99-0-----	1,3-Butadiene	500	U
74-83-9-----	Bromomethane	200	U
75-00-3-----	Chloroethane	200	U
593-60-2-----	Bromoethene	200	U
75-69-4-----	Trichlorofluoromethane	200	U
76-13-1-----	Freon TF	200	U
75-35-4-----	1,1-Dichloroethene	340	
75-15-0-----	Carbon Disulfide	500	U
107-05-1-----	3-Chloropropene	500	U
75-09-2-----	Methylene Chloride	500	U
156-60-5-----	trans-1,2-Dichloroethene	200	U
110-54-3-----	n-Hexane	500	U
75-34-3-----	1,1-Dichloroethane	820	
156-59-2-----	cis-1,2-Dichloroethene	24000	
67-66-3-----	Chloroform	200	U
71-55-6-----	1,1,1-Trichloroethane	690	
110-82-7-----	Cyclohexane	380	
56-23-5-----	Carbon Tetrachloride	200	U
540-84-1-----	2,2,4-Trimethylpentane	200	U
71-43-2-----	Benzene	200	U
107-06-2-----	1,2-Dichloroethane	200	U
142-82-5-----	n-Heptane	200	U
79-01-6-----	Trichloroethene	29000	
78-87-5-----	1,2-Dichloropropane	200	U
75-27-4-----	Bromodichloromethane	200	U
10061-01-5-----	cis-1,3-Dichloropropene	200	U
108-88-3-----	Toluene	200	U
10061-02-6-----	trans-1,3-Dichloropropene	200	U
79-00-5-----	1,1,2-Trichloroethane	200	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAC-
EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665925

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665925D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

127-18-4-----	Tetrachloroethene	200	U
124-48-1-----	Dibromochloromethane	200	U
106-93-4-----	1,2-Dibromoethane	200	U
108-90-7-----	Chlorobenzene	200	U
100-41-4-----	Ethylbenzene	200	U
1330-20-7-----	Xylene (m,p)	500	U
95-47-6-----	Xylene (o)	200	U
100-42-5-----	Styrene	200	U
75-25-2-----	Bromoform	200	U
79-34-5-----	1,1,2,2-Tetrachloroethane	200	U
622-96-8-----	4-Ethyltoluene	200	U
108-67-8-----	1,3,5-Trimethylbenzene	200	U
95-49-8-----	2-Chlorotoluene	200	U
95-63-6-----	1,2,4-Trimethylbenzene	200	U
541-73-1-----	1,3-Dichlorobenzene	200	U
106-46-7-----	1,4-Dichlorobenzene	200	U
95-50-1-----	1,2-Dichlorobenzene	200	U
120-82-1-----	1,2,4-Trichlorobenzene	500	U
87-68-3-----	Hexachlorobutadiene	200	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/ceaset015.b/665925d.d

Date : 02-MAY-2006 02:26

Client ID: DPE-CAC-EFFLUENT

Sample Inlet: DPE-CAC-EFFLUENT : (104/11/06 00730(AIR))

Purge Volume: 10.0

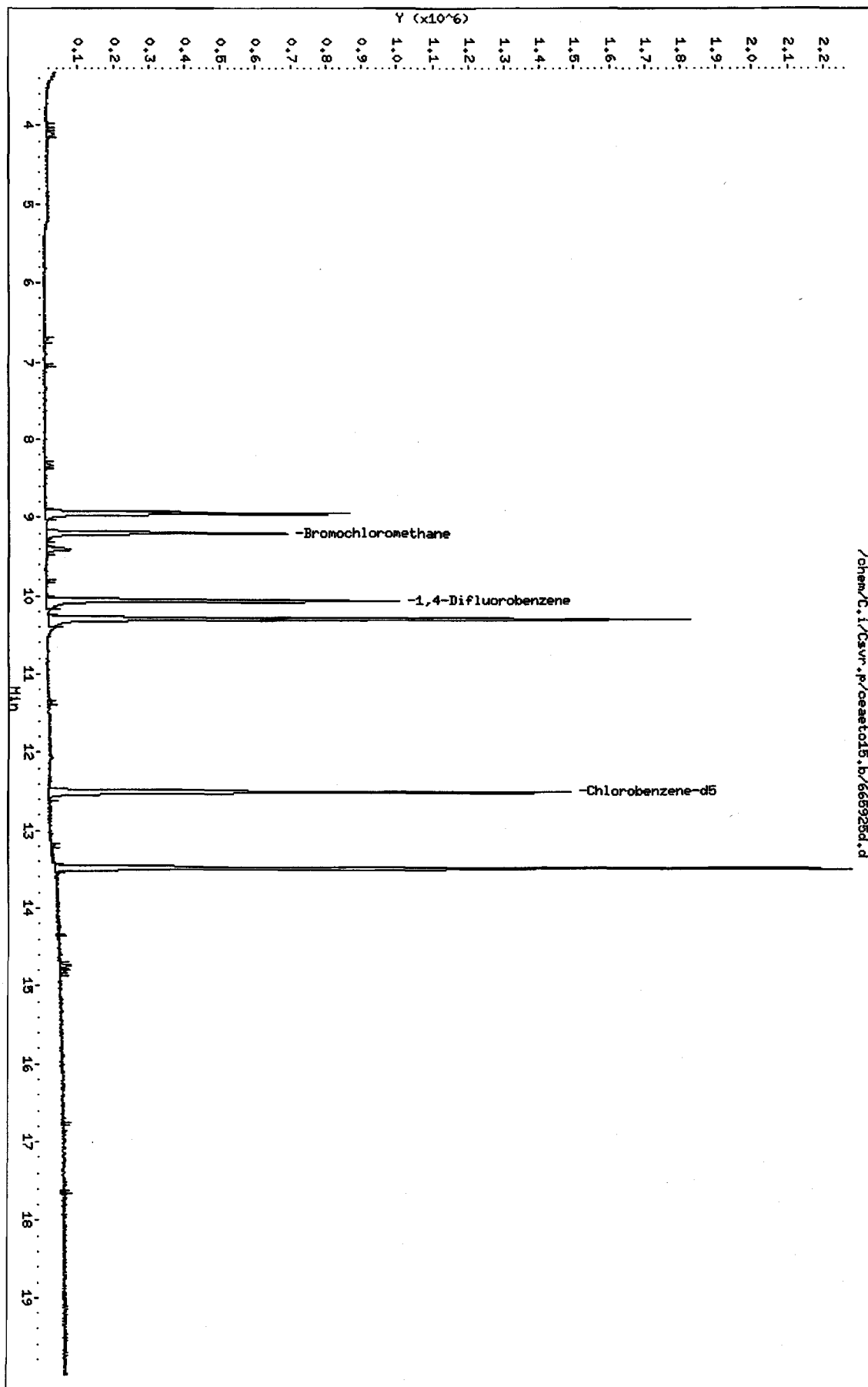
Column Phase: RTX-624

Instrument: C.i

Operator: dmw

Column diameter: 0.32

Page 3



Data File: /chem/C.i/Csvr.p/ceaeto15.b/665925d.d
 Report Date: 04-May-2006 09:29

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceaeto15.b/665925d.d
 Lab Smp Id: 665925 Client Smp ID: DPE-GAC-EFFLUENT
 Inj Date : 02-MAY-2006 02:26
 Operator : dmw Inst ID: C.i
 Smp Info : DPE-GAC-EFFLUENT : [] 04/11/06 @0730 (AIR)
 Misc Info : 665925;050106CA;1000;10;1:50 dil
 Comment :
 Method : /chem/C.i/Csvr.p/ceaeto15.b/pto15CEA.m
 Meth Date : 04-May-2006 09:28 sv Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 9
 Dil Factor: 1000.00000
 Integrator: HP RTE Compound Sublist: T014trans.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1000.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	10.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85							
2 1,2-Dichlorotetrafluoroethane	85							
3 Chloromethane	50							
4 Vinyl Chloride	62	4.114	4.103	(0.447)	26526	2.11196	2100	
5 1,3-Butadiene	54							
6 Bromomethane	94							
7 Chloroethane	64							
8 Bromoethene	106							
9 Trichlorofluoromethane	101							
10 Freon TF	101							
11 1,1-Dichloroethene	96	6.719	6.719	(0.730)	2287	0.33502	340 (Q)	
14 Carbon Disulfide	76							
15 3-Chloropropene	41							
16 Methylene Chloride	49							
19 trans-1,2-Dichloroethene	61							

Data File: /chem/C.i/Csvr.p/ceato15.b/665925d.d
Report Date: 04-May-2006 09:29

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
20 n-Hexane	57	Compound Not Detected.					
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	17559	0.82047	820
24 cis-1,2-Dichloroethene	96	8.950	8.955	(0.973)	172619	23.9813	24000
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	63254	10.0000	(Q)
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	9.409	9.414	(0.935)	29689	0.69297	690 (Q)
29 Cyclohexane	84	9.403	9.414	(0.935)	4895	0.37861	380
30 Carbon Tetrachloride	117	Compound Not Detected.					
31 2,2,4-Trimethylpentane	57	Compound Not Detected.					
32 Benzene	78	Compound Not Detected.					
33 1,2-Dichloroethane	62	Compound Not Detected.					
34 n-Heptane	43	Compound Not Detected.					
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	373557	10.0000	
36 Trichloroethene	95	10.289	10.294	(1.023)	441651	29.3402	29000
38 1,2-Dichloropropane	63	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
43 Toluene	92	Compound Not Detected.					
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.499	12.504	(1.000)	380936	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	Compound Not Detected.					
53 Xylene (m,p)	106	Compound Not Detected.					
54 Xylene (o)	106	Compound Not Detected.					
56 Styrene	104	Compound Not Detected.					
57 Bromoform	173	Compound Not Detected.					
58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
59 4-Ethyltoluene	105	Compound Not Detected.					
60 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
61 2-Chlorotoluene	91	Compound Not Detected.					
62 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
63 1,3-Dichlorobenzene	146	Compound Not Detected.					
64 1,4-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dichlorobenzene	146	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	179	Compound Not Detected.					
67 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/ceasto15.b/665925d.d

Page 4

Date : 02-MAY-2006 02:26

Client ID: DPE-GAC-EFFLUENT

Instrument: C.i

Sample Info: DPE-GAC-EFFLUENT :[104/11/06 @0730(AIR)

Purge Volume: 10.0

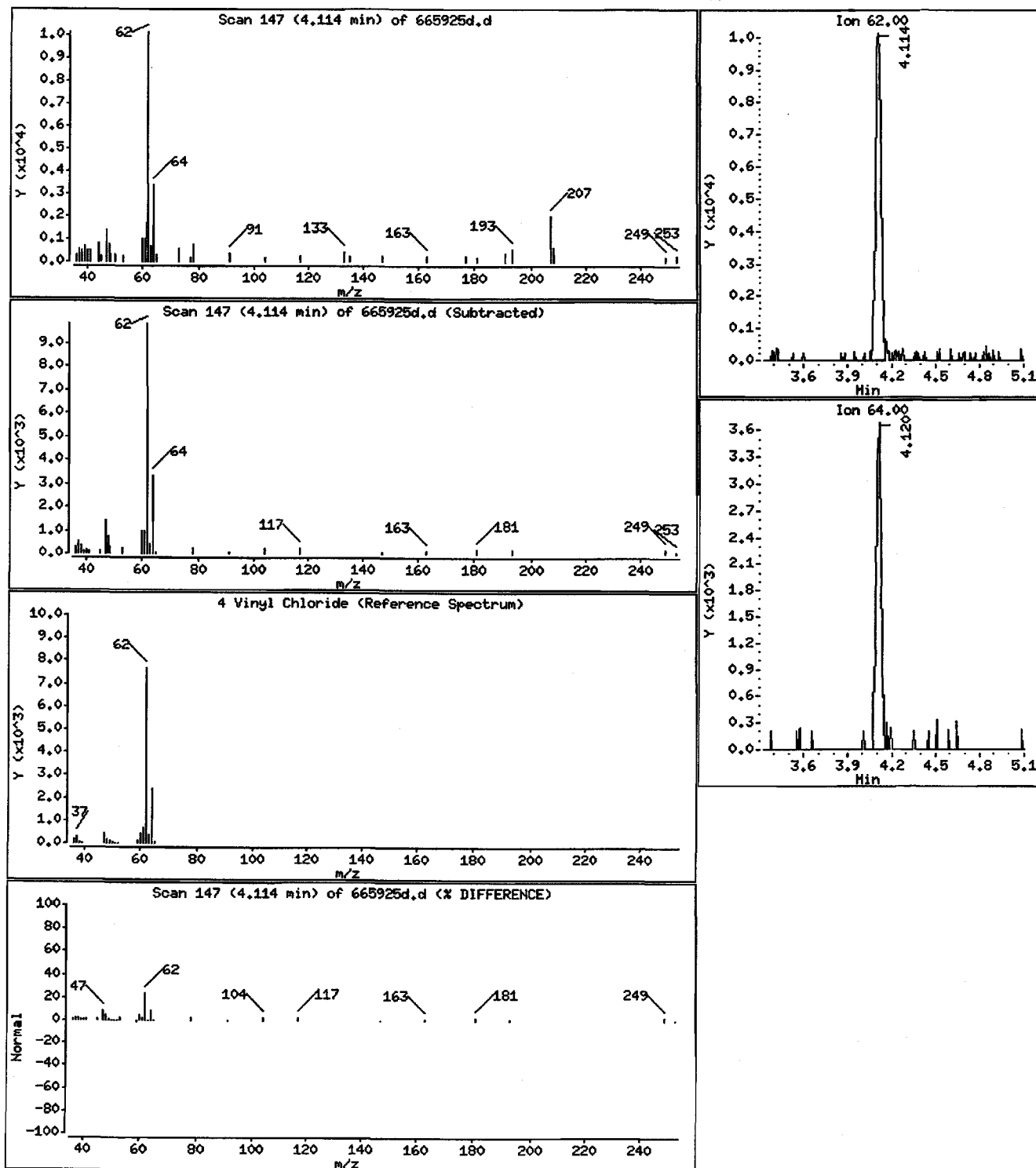
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

4 Vinyl Chloride

Concentration: 2100 ppbv



Data File: /chem/C.i/Csvr.p/ceasto15.b/665925d.d

Page 5

Date : 02-MAY-2006 02:26

Client ID: DPE-GAC-EFFLUENT

Instrument: C.i

Sample Info: DPE-GAC-EFFLUENT ;[104/11/06 00730(AIR)

Purge Volume: 10.0

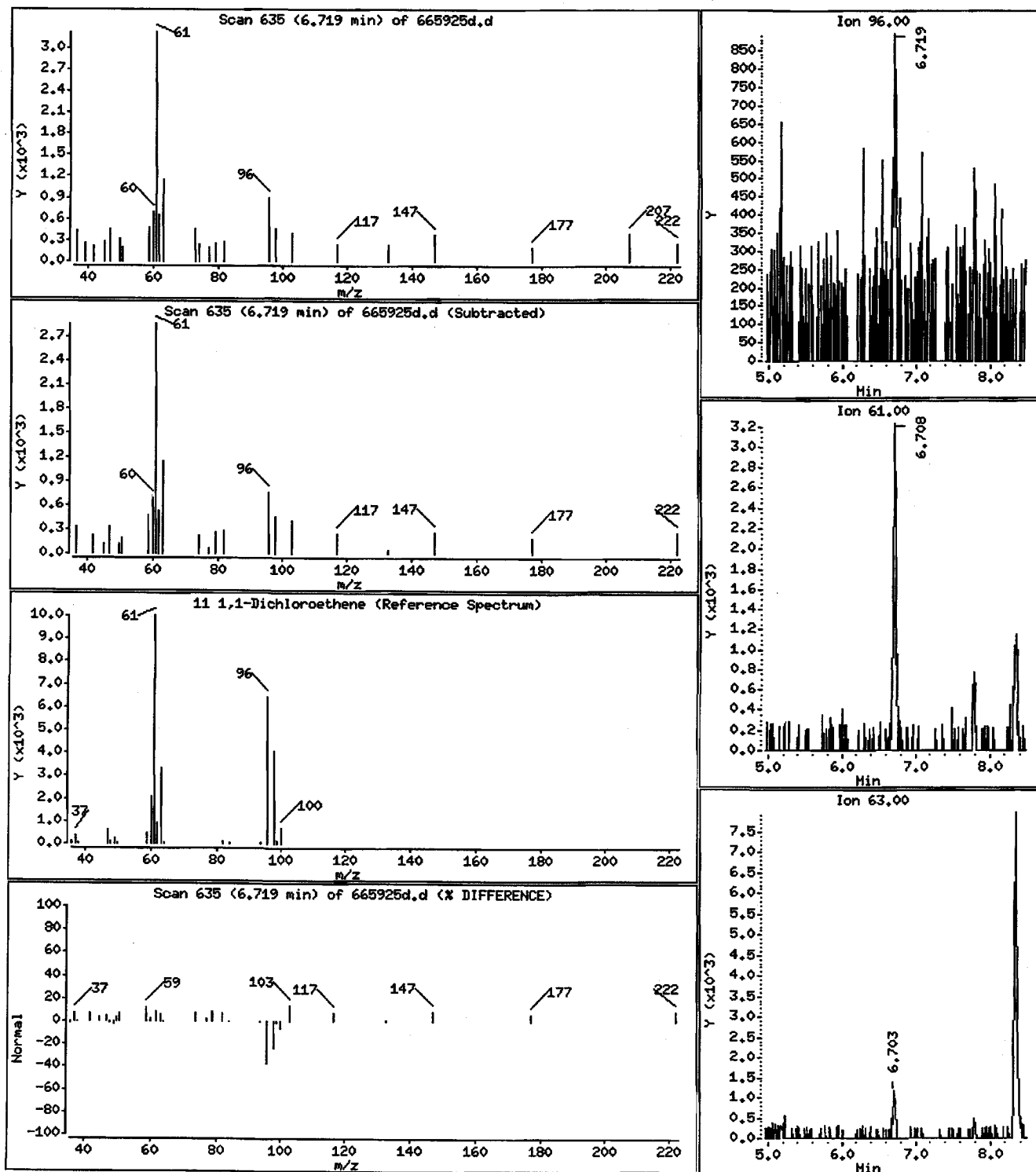
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

11 1,1-Dichloroethene

Concentration: 340 ppbv



Data File: /chem/C.i/Csvr.p/ceasto15.b/665925d.d

Page 6

Date : 02-MAY-2006 02:26

Client ID: DPE-GAC-EFFLUENT

Instrument: C.i

Sample Info: DPE-GAC-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

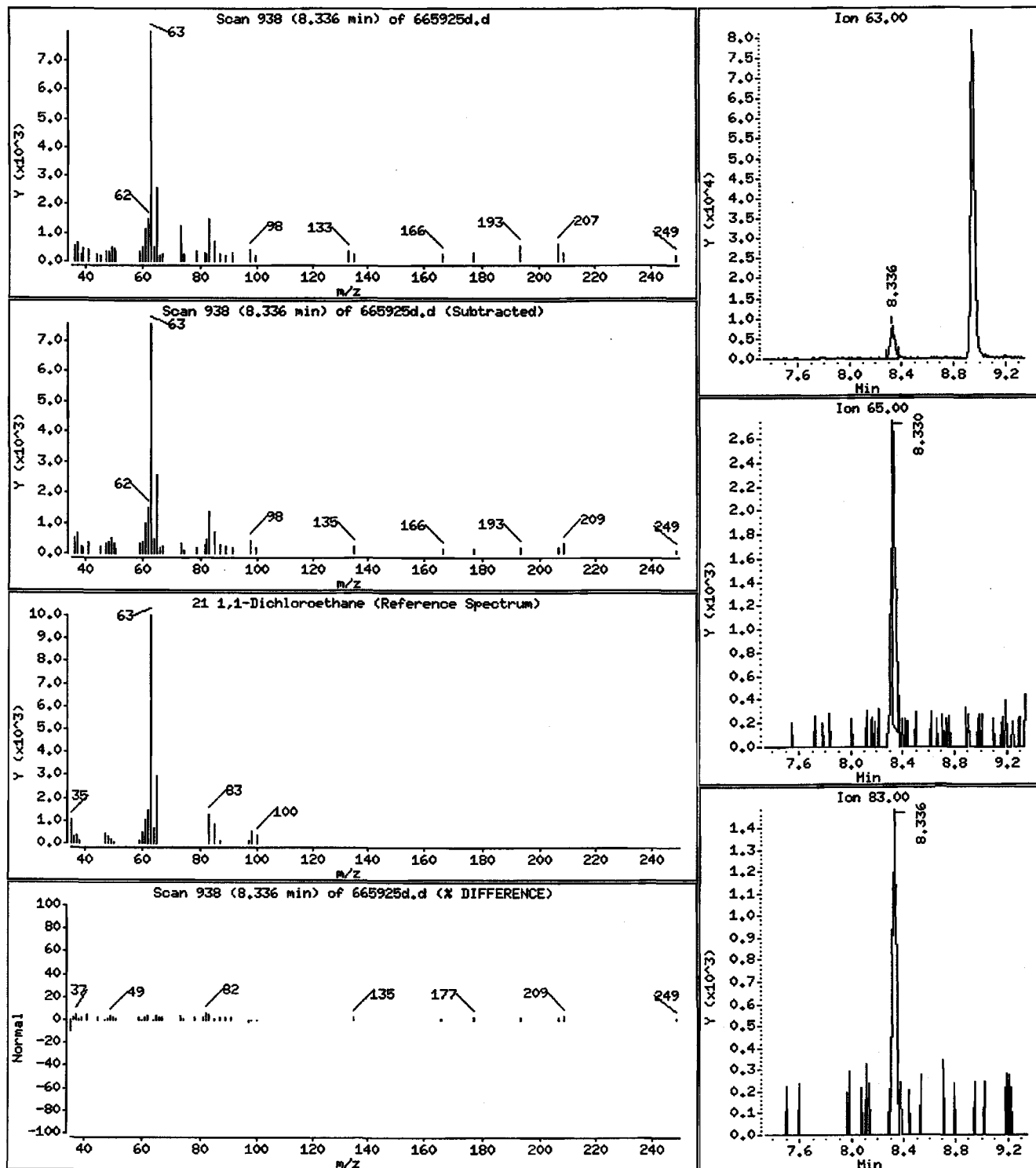
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

21 1,1-Dichloroethane

Concentration: 820 ppbv



Data File: /chem/C.i/Csvr.p/ceae15.b/665925d.d

Page 7

Date : 02-MAY-2006 02:26

Client ID: DPE-GAC-EFFLUENT

Instrument: C.i

Sample Info: DPE-GAC-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

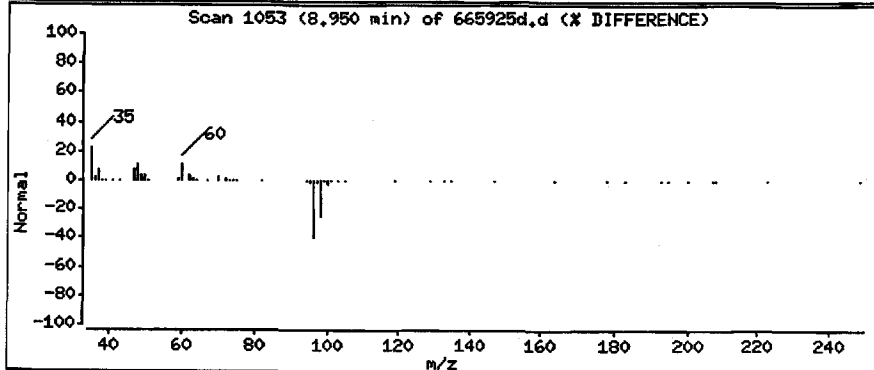
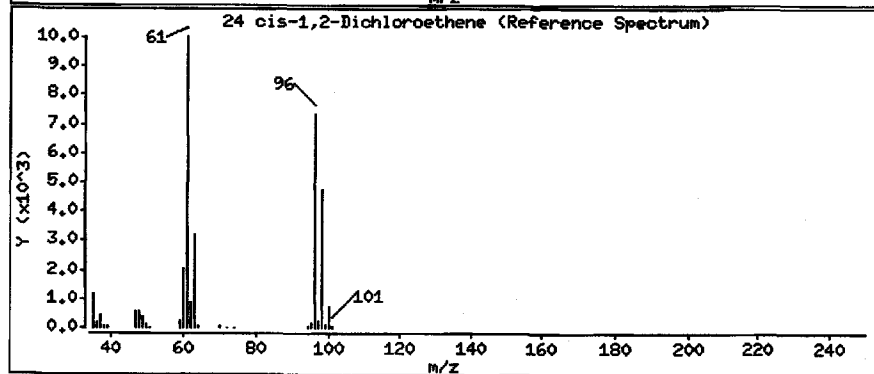
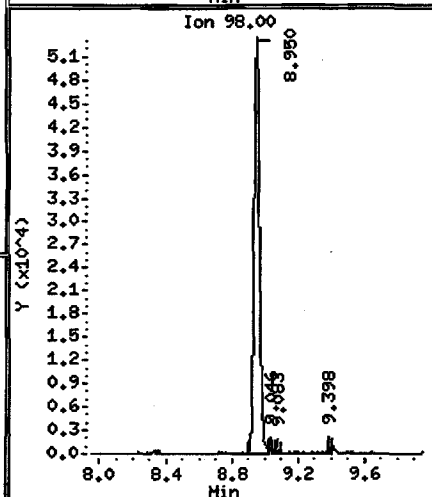
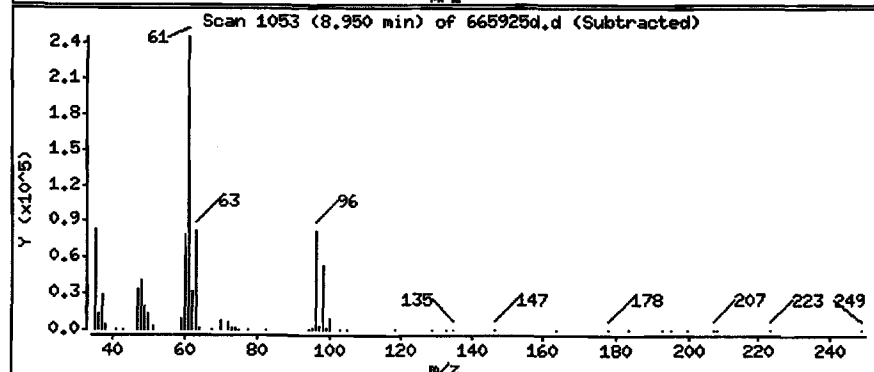
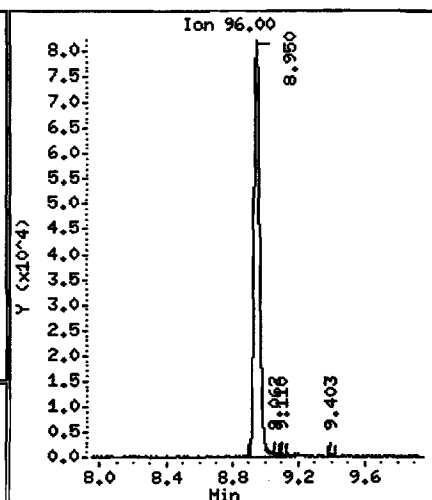
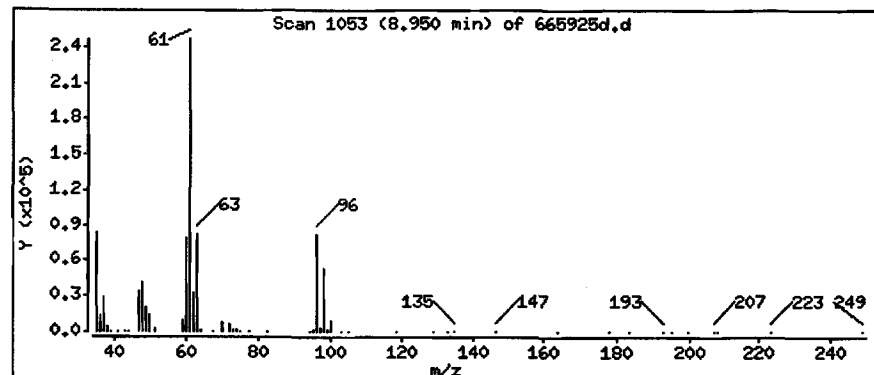
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

24 cis-1,2-Dichloroethene

Concentration: 24000 ppbv



Data File: /chem/C.i/Csvr.p/ceae015.b/665925d.d

Page 8

Date : 02-MAY-2006 02:26

Client ID: DPE-GAC-EFFLUENT

Instrument: C.i

Sample Info: DPE-GAC-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

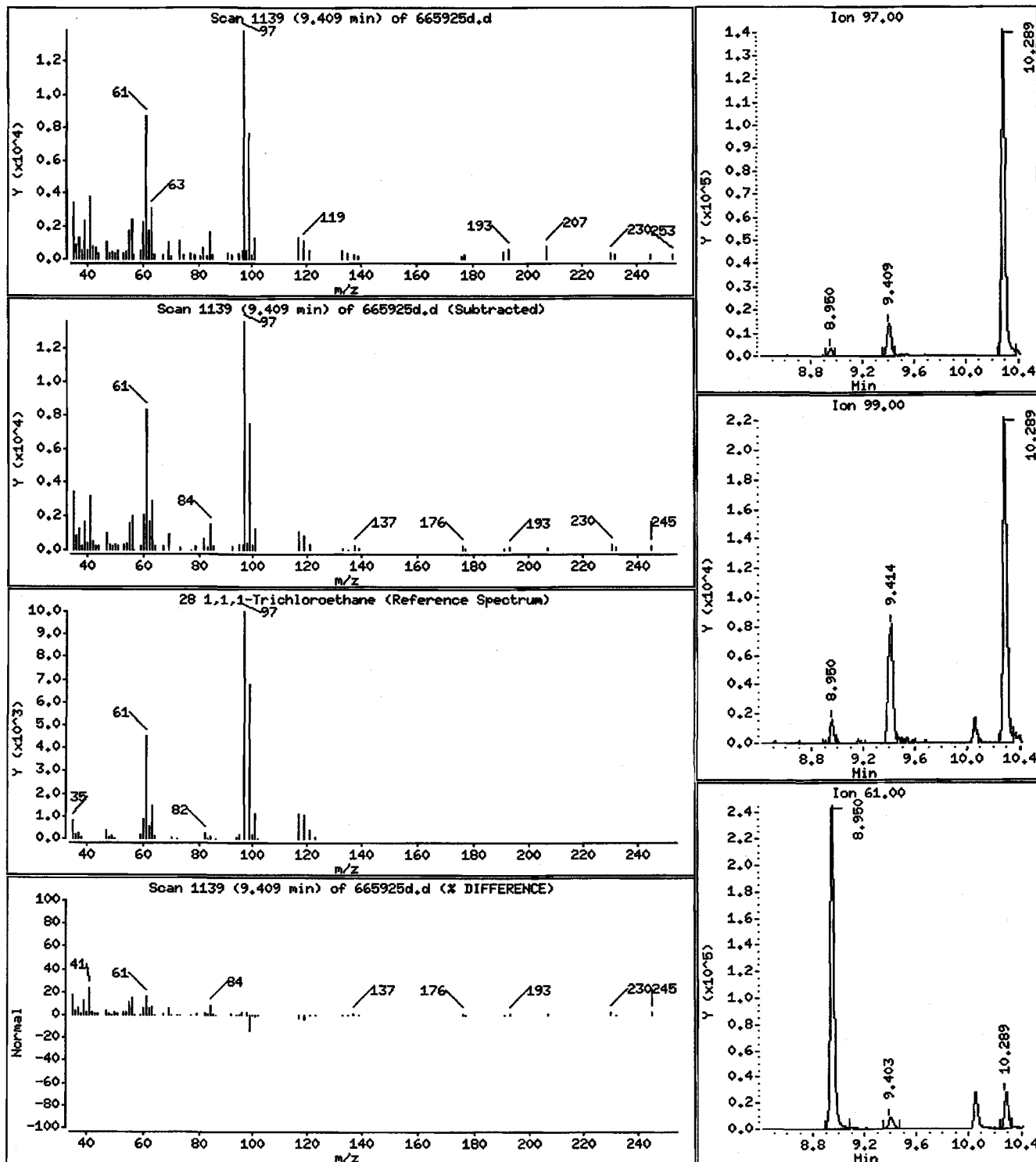
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

28 1,1,1-Trichloroethane

Concentration: 690 ppbv



Data File: /chem/C.i/Csvr.p/ceae015.b/665925d.d

Page 9

Date : 02-MAY-2006 02:26

Client ID: DPE-GAC-EFFLUENT

Instrument: C.i

Sample Info: DPE-GAC-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

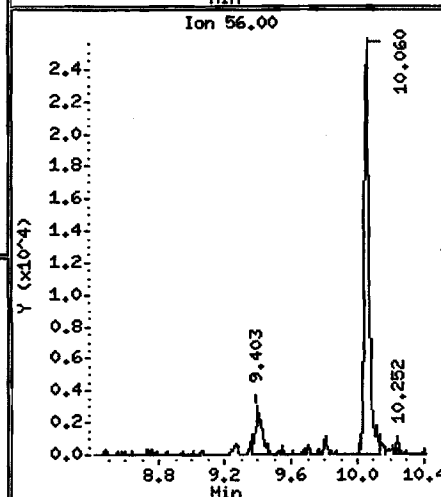
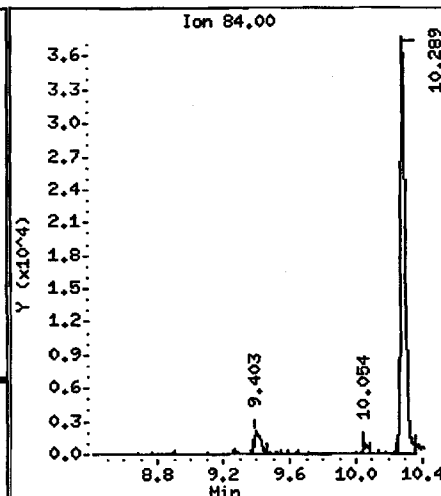
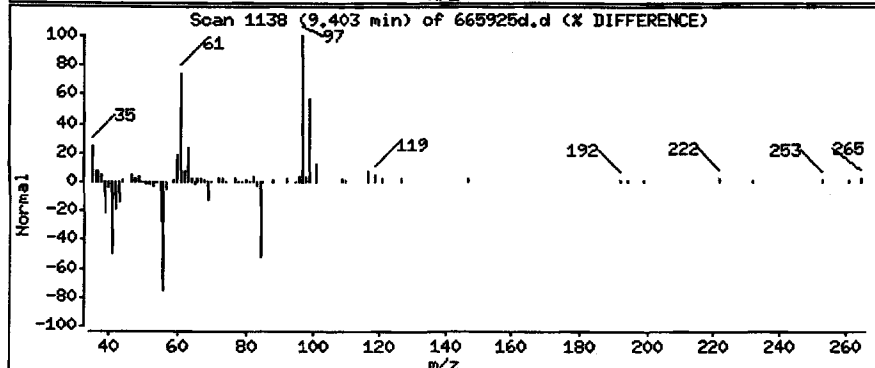
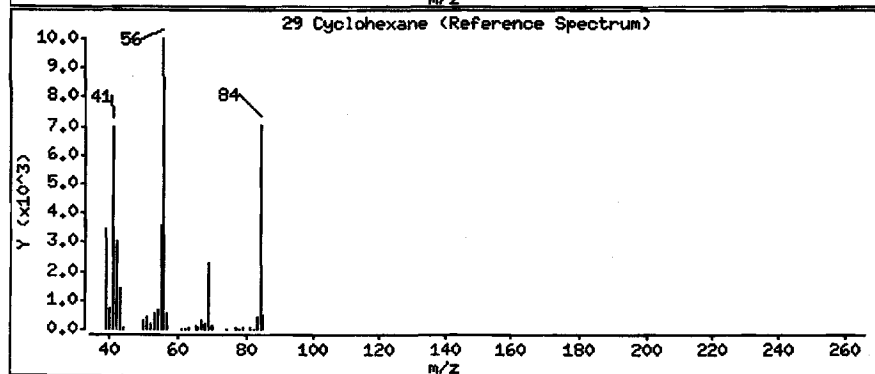
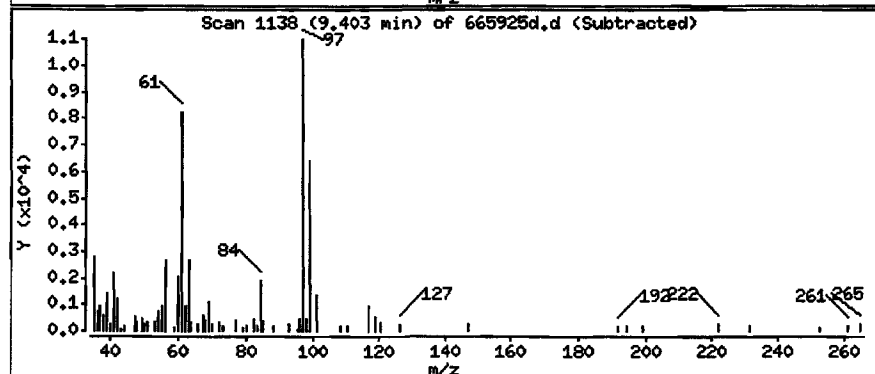
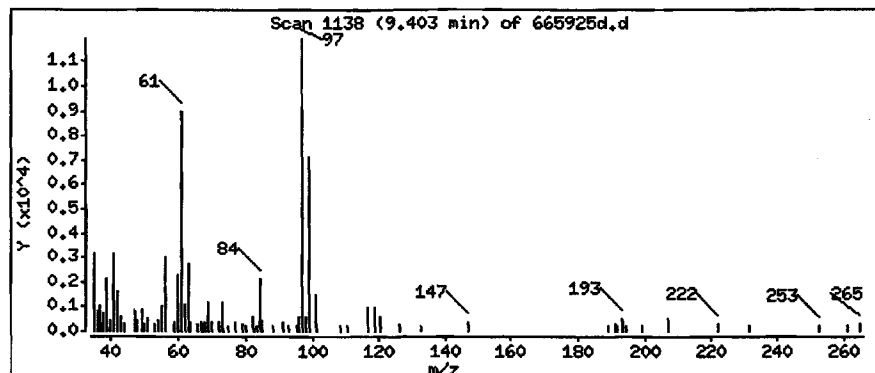
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

29 Cyclohexane

Concentration: 380 ppbv



Data File: /chem/C.i/Csvr.p/ceae15.b/665925d.d

Page 10

Date : 02-MAY-2006 02:26

Client ID: DPE-GAC-EFFLUENT

Instrument: C.i

Sample Info: DPE-GAC-EFFLUENT ;[104/11/06 00730(AIR)

Purge Volume: 10.0

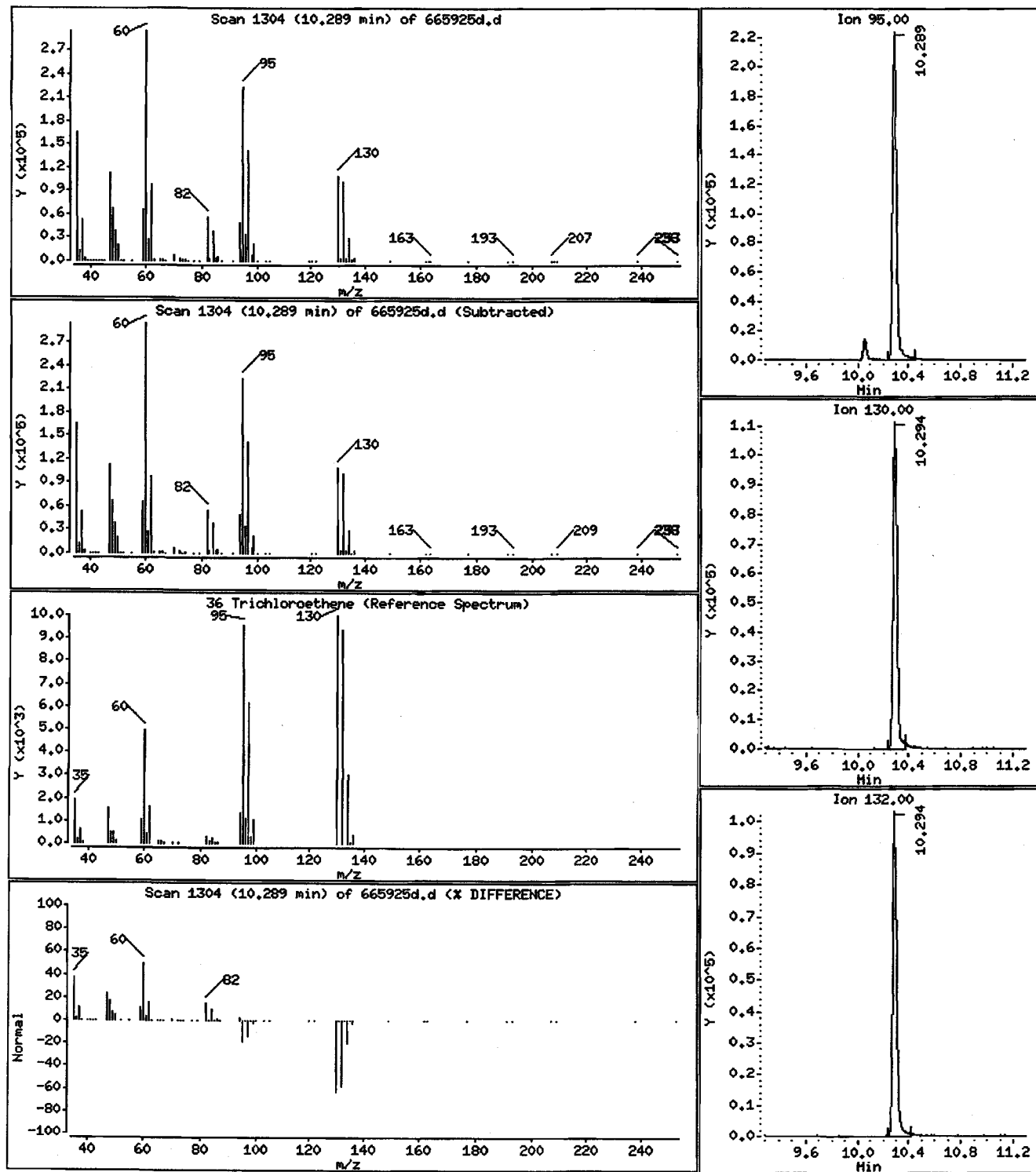
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

36 Trichloroethene

Concentration: 29000 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAG-
INFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665926

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665926D2

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

75-71-8-----	Dichlorodifluoromethane	500	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	200	U
74-87-3-----	Chloromethane	500	U
75-01-4-----	Vinyl Chloride	6300	
106-99-0-----	1,3-Butadiene	500	U
74-83-9-----	Bromomethane	200	U
75-00-3-----	Chloroethane	200	U
593-60-2-----	Bromoethene	200	U
75-69-4-----	Trichlorofluoromethane	200	U
76-13-1-----	Freon TF	200	U
75-35-4-----	1,1-Dichloroethene	230	
75-15-0-----	Carbon Disulfide	500	U
107-05-1-----	3-Chloropropene	500	U
75-09-2-----	Methylene Chloride	500	U
156-60-5-----	trans-1,2-Dichloroethene	200	U
110-54-3-----	n-Hexane	500	U
75-34-3-----	1,1-Dichloroethane	970	
156-59-2-----	cis-1,2-Dichloroethene	31000	
67-66-3-----	Chloroform	200	U
71-55-6-----	1,1,1-Trichloroethane	1000	
110-82-7-----	Cyclohexane	2500	
56-23-5-----	Carbon Tetrachloride	200	U
540-84-1-----	2,2,4-Trimethylpentane	200	U
71-43-2-----	Benzene	200	U
107-06-2-----	1,2-Dichloroethane	200	U
142-82-5-----	n-Heptane	570	
79-01-6-----	Trichloroethene	32000	
78-87-5-----	1,2-Dichloropropane	200	U
75-27-4-----	Bromodichloromethane	200	U
10061-01-5-----	cis-1,3-Dichloropropene	200	U
108-88-3-----	Toluene	200	U
10061-02-6-----	trans-1,3-Dichloropropene	200	U
79-00-5-----	1,1,2-Trichloroethane	200	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

DPE-GAG-
INFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665926

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665926D2

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

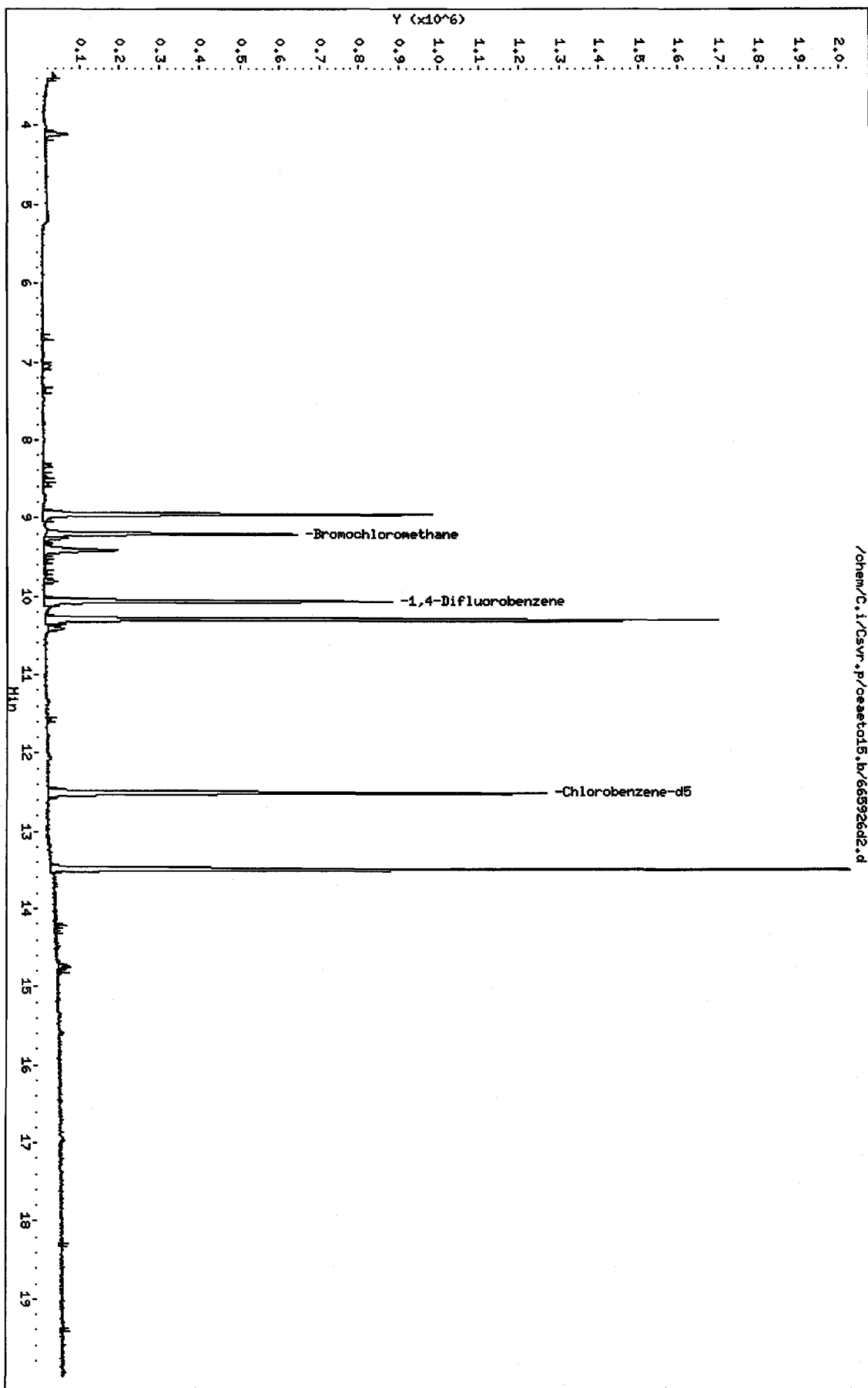
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

127-18-4-----	Tetrachloroethene	200	U
124-48-1-----	Dibromochloromethane	200	U
106-93-4-----	1,2-Dibromoethane	200	U
108-90-7-----	Chlorobenzene	200	U
100-41-4-----	Ethylbenzene	200	U
1330-20-7-----	Xylene (m,p)	500	U
95-47-6-----	Xylene (o)	200	U
100-42-5-----	Styrene	200	U
75-25-2-----	Bromoform	200	U
79-34-5-----	1,1,2,2-Tetrachloroethane	200	U
622-96-8-----	4-Ethyltoluene	200	U
108-67-8-----	1,3,5-Trimethylbenzene	200	U
95-49-8-----	2-Chlorotoluene	200	U
95-63-6-----	1,2,4-Trimethylbenzene	200	U
541-73-1-----	1,3-Dichlorobenzene	200	U
106-46-7-----	1,4-Dichlorobenzene	200	U
95-50-1-----	1,2-Dichlorobenzene	200	U
120-82-1-----	1,2,4-Trichlorobenzene	500	U
87-68-3-----	Hexachlorobutadiene	200	U

FORM I VOA

Data File: /chem/C.1/Cavr.P/ceae015.b/665926d2.d
Date: 02-MAY-2006 16:30
Client ID: DPE-GAC-INFLUENT
Sample Info: DPE-GAC-INFLUENT (104/11/06 00730(AIR))
Purge Volume: 10.0
Column phase: RTX-624

Instrument: C.1
Operator: dmw
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/ceaeto15.b/665926d2.d
 Report Date: 04-May-2006 09:29

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceaeto15.b/665926d2.d
 Lab Smp Id: 665926 Client Smp ID: DPE-GAG-INFLUENT
 Inj Date : 02-MAY-2006 16:30
 Operator : dmw Inst ID: C.i
 Smp Info : DPE-GAG-INFLUENT : [] 04/11/06 @0730(AIR)
 Misc Info : 665926;050106CA;1000;10;1:50 dil
 Comment :
 Method : /chem/C.i/Csvr.p/ceaeto15.b/pto15CEA.m
 Meth Date : 04-May-2006 09:28 sv Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 10
 Dil Factor: 1000.00000
 Integrator: HP RTE Compound Sublist: T014trans.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1000.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	10.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85						
2 1,2-Dichlorotetrafluoroethane	85						
3 Chloromethane	50						
4 Vinyl Chloride	62	4.109	4.103	(0.447)	65058	6.28164	6300
5 1,3-Butadiene	54						
6 Bromomethane	94						
7 Chloroethane	64						
8 Bromoethene	106						
9 Trichlorofluoromethane	101						
10 Freon TF	101						
11 1,1-Dichloroethene	96	6.708	6.719	(0.729)	1291	0.22934	230(Q)
14 Carbon Disulfide	76						
15 3-Chloropropene	41						
16 Methylene Chloride	49						
19 trans-1,2-Dichloroethene	61						

Data File: /chem/C.i/Csvr.p/ceae015.b/665926d2.d
Report Date: 04-May-2006 09:29

Page 2

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
20 n-Hexane	57				Compound Not Detected.		
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	17040	0.96559	970
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.973)	181269	30.5398	31000
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	52159	10.0000	(Q)
27 Chloroform	83				Compound Not Detected.		
28 1,1,1-Trichloroethane	97	9.403	9.414	(0.935)	35095	1.00772	1000(Q)
29 Cyclohexane	84	9.408	9.414	(0.935)	26699	2.54042	2500(Q)
30 Carbon Tetrachloride	117				Compound Not Detected.		
31 2,2,4-Trimethylpentane	57				Compound Not Detected.		
32 Benzene	78				Compound Not Detected.		
33 1,2-Dichloroethane	62				Compound Not Detected.		
34 n-Heptane	43	9.809	9.819	(0.975)	10984	0.57020	570
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	303655	10.0000	
36 Trichloroethene	95	10.289	10.294	(1.023)	385914	31.5392	32000
38 1,2-Dichloropropane	63				Compound Not Detected.		
40 Bromodichloromethane	83				Compound Not Detected.		
41 cis-1,3-Dichloropropene	75				Compound Not Detected.		
43 Toluene	92				Compound Not Detected.		
44 trans-1,3-Dichloropropene	75				Compound Not Detected.		
45 1,1,2-Trichloroethane	83				Compound Not Detected.		
46 Tetrachloroethene	166				Compound Not Detected.		
48 Dibromochloromethane	129				Compound Not Detected.		
49 1,2-Dibromoethane	107				Compound Not Detected.		
* 50 Chlorobenzene-d5	117	12.498	12.504	(1.000)	302774	10.0000	
51 Chlorobenzene	112				Compound Not Detected.		
52 Ethylbenzene	91				Compound Not Detected.		
53 Xylene (m,p)	106				Compound Not Detected.		
54 Xylene (o)	106				Compound Not Detected.		
56 Styrene	104				Compound Not Detected.		
57 Bromoform	173				Compound Not Detected.		
58 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
59 4-Ethyltoluene	105				Compound Not Detected.		
60 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
61 2-Chlorotoluene	91				Compound Not Detected.		
62 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
63 1,3-Dichlorobenzene	146				Compound Not Detected.		
64 1,4-Dichlorobenzene	146				Compound Not Detected.		
65 1,2-Dichlorobenzene	146				Compound Not Detected.		
66 1,2,4-Trichlorobenzene	179				Compound Not Detected.		
67 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr,p/cecto15,b/665926d2.d

Page 4

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT ; [104/11/06 00730(AIR)

Purge Volume: 10.0

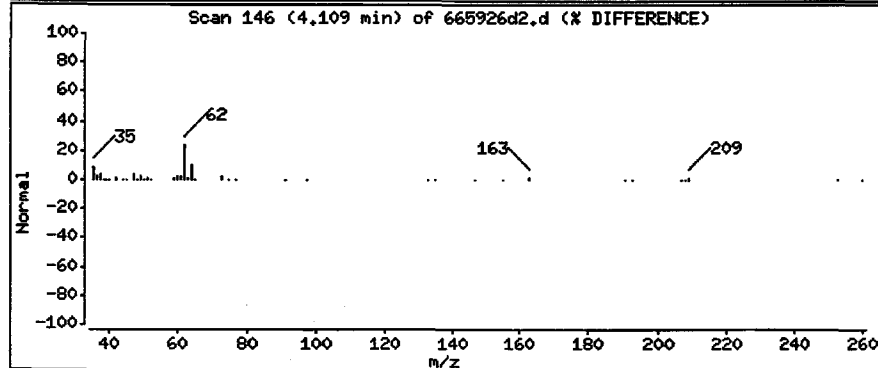
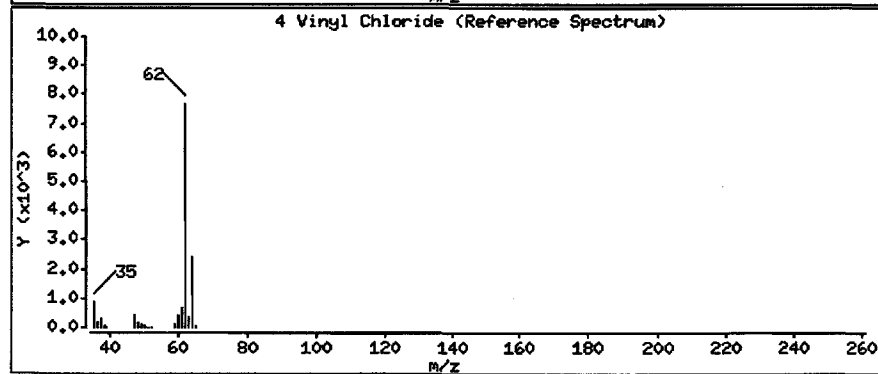
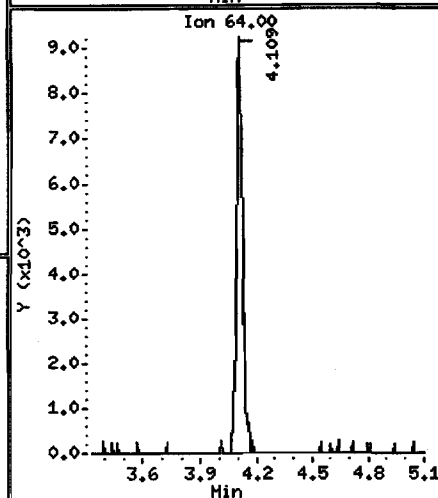
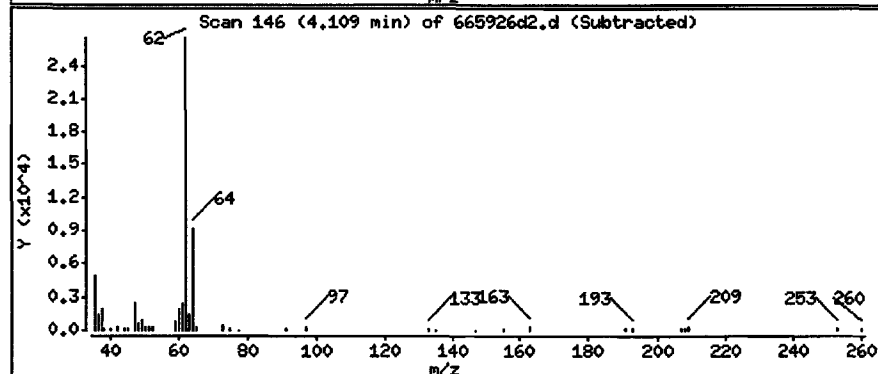
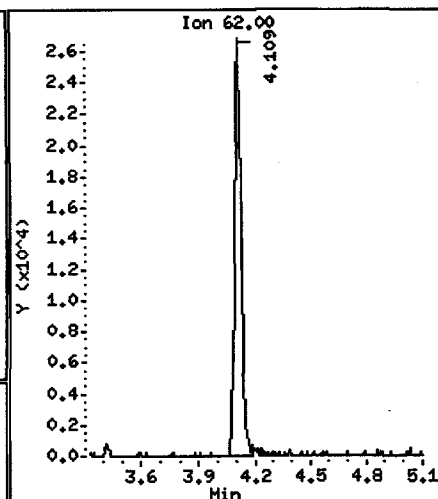
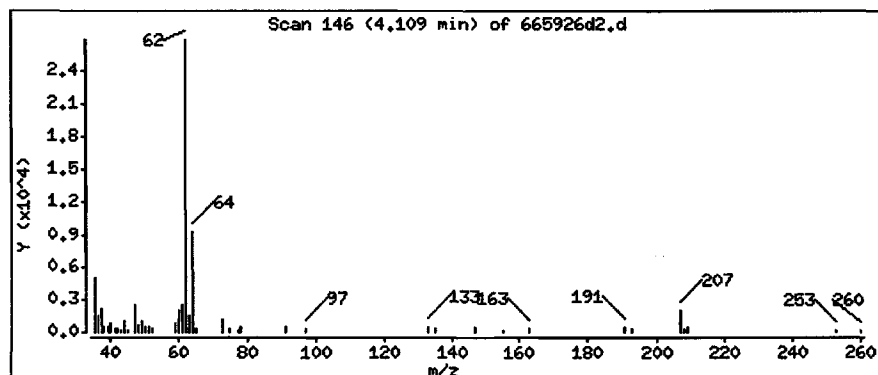
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

4 Vinyl Chloride

Concentration: 6300 ppbv



Data File: /chem/C.i/Csvr.p/ceae015.b/665926d2.d

Page 5

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT ;[104/11/06 00730(AIR)

Purge Volume: 10.0

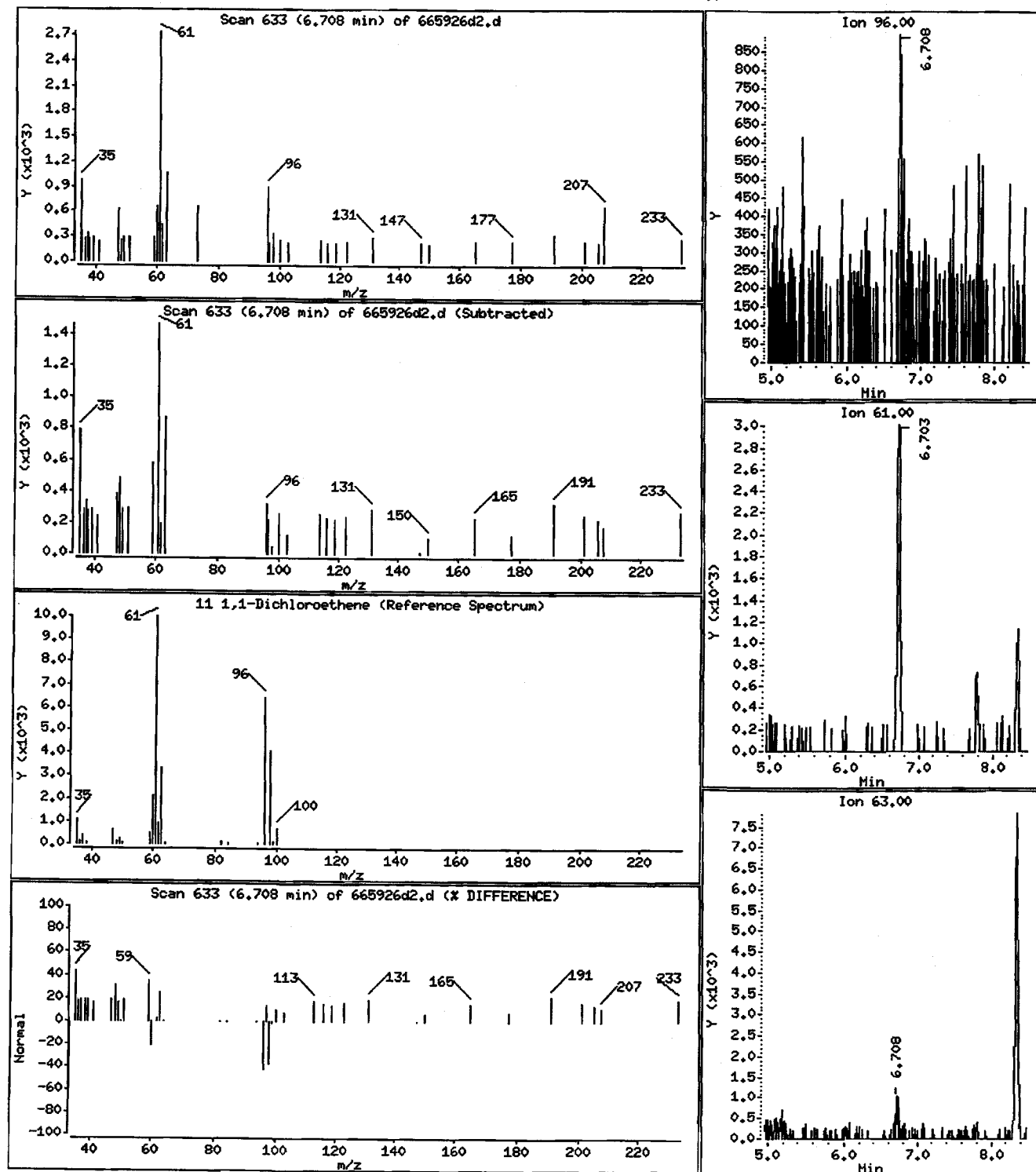
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

11 1,1-Dichloroethene

Concentration: 230 ppbv



Data File: /chem/C.i/Csvr.p/ceae015,b/665926d2.d

Page 6

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT ;[104/11/06 00730(AIR)

Purge Volume: 10.0

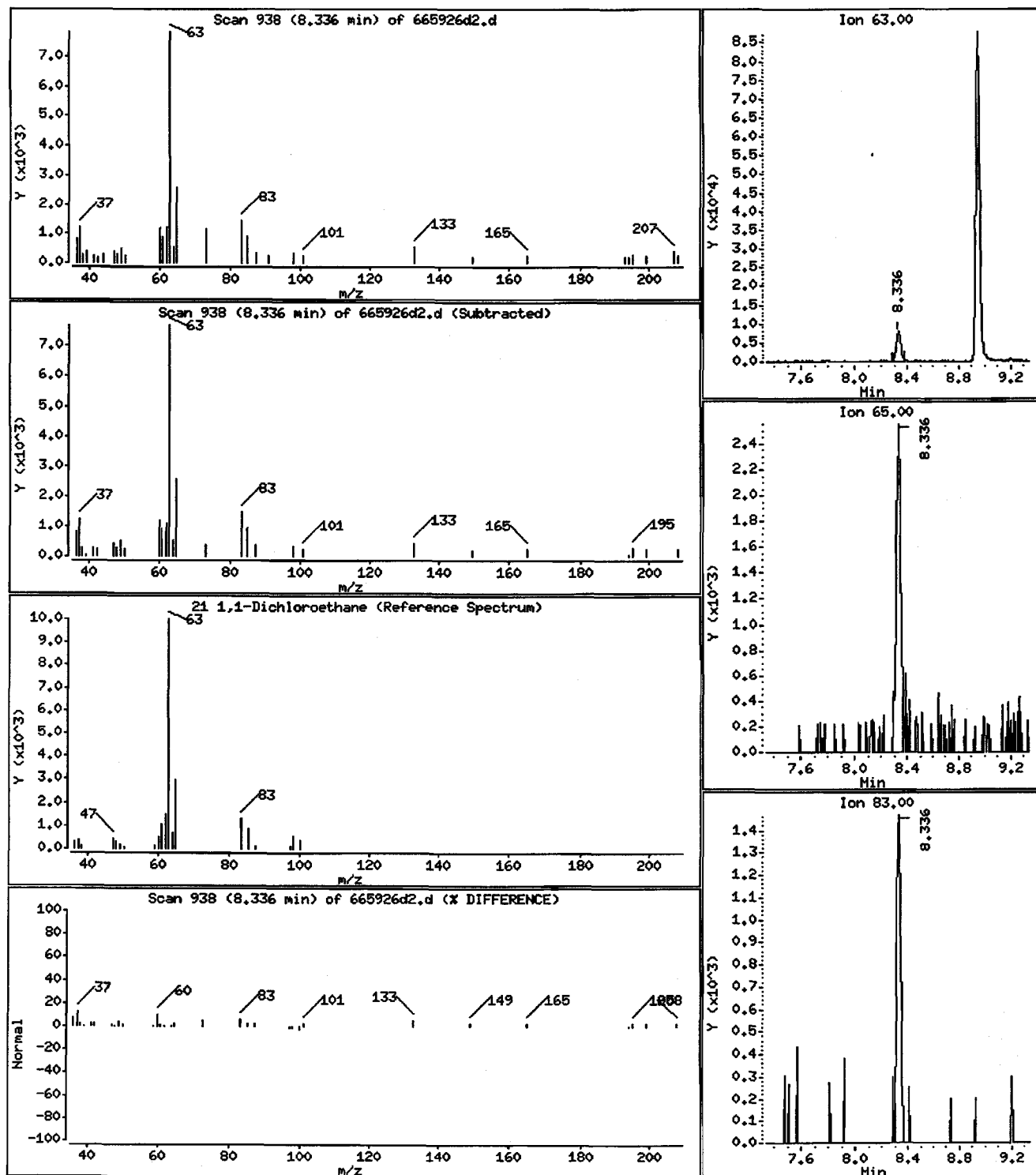
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

21 1,1-Dichloroethane

Concentration: 970 ppbv



Data File: /chem/C.i/Csvr.p/ceaeto15,b/665926d2.d

Page 7

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT ;[104/11/06 00730(AIR)

Purge Volume: 10.0

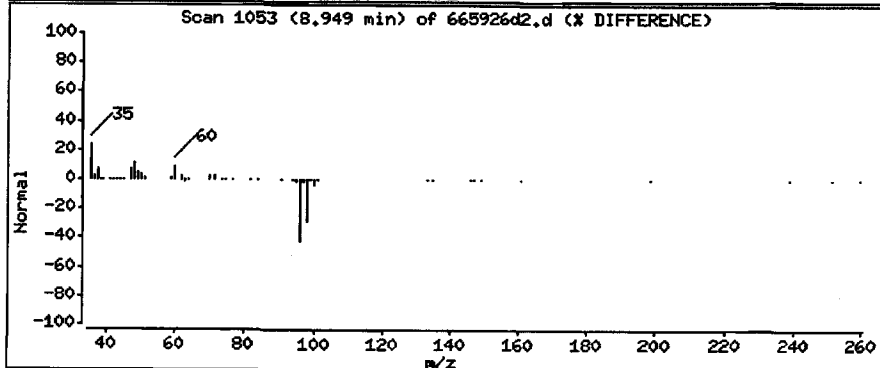
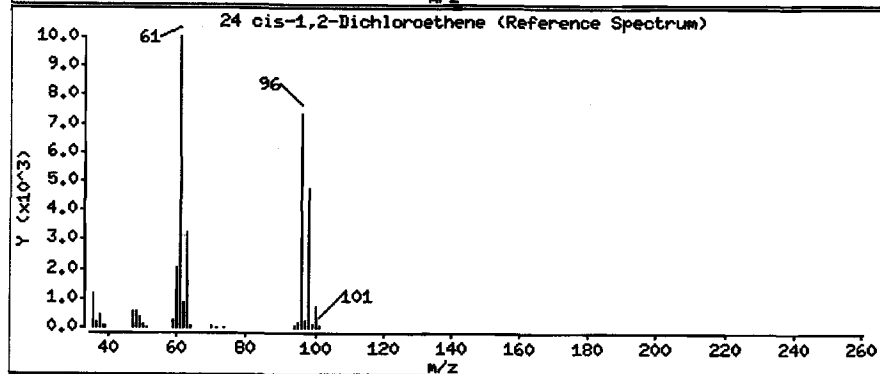
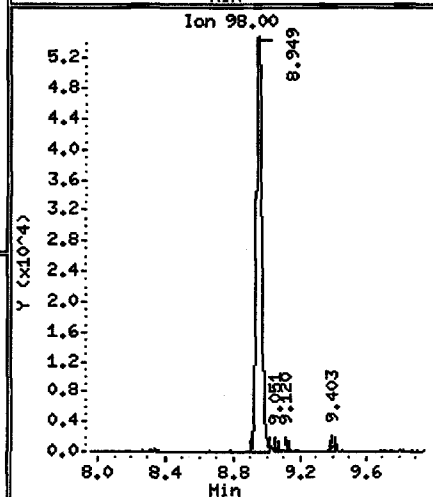
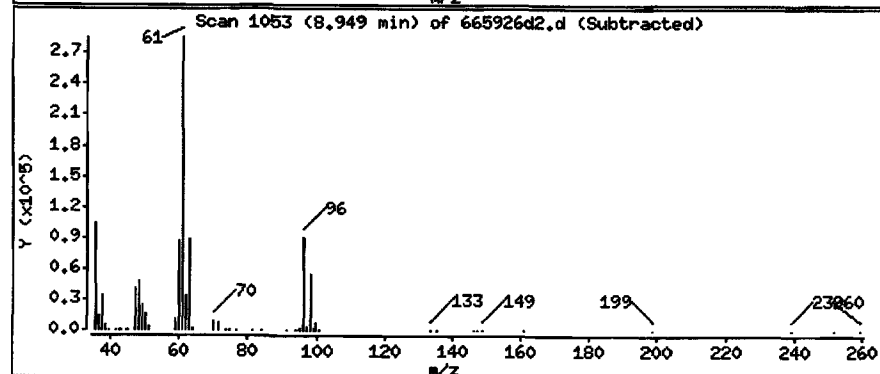
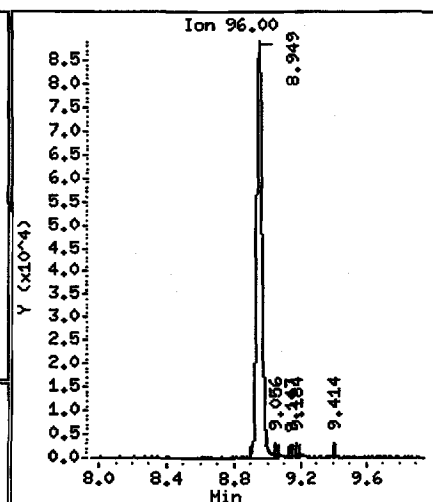
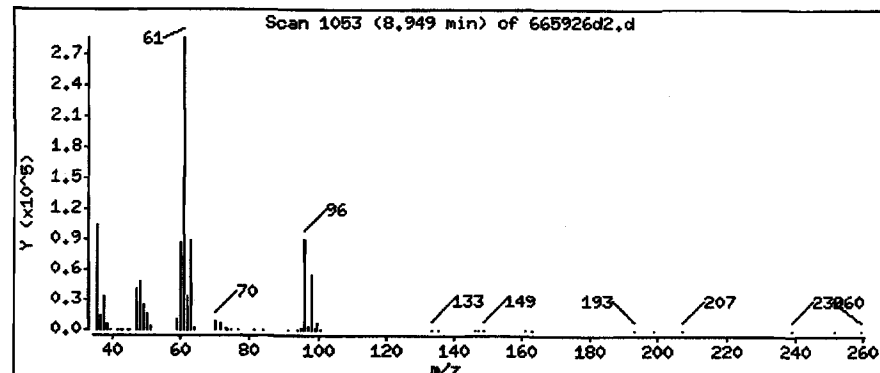
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

24 cis-1,2-Dichloroethene

Concentration: 31000 ppbv



Data File: /chem/C.i/Csvr.p/ceaeto15.b/665926d2.d

Page 8

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT ;[104/11/06 @0730(AIR)

Purge Volume: 10.0

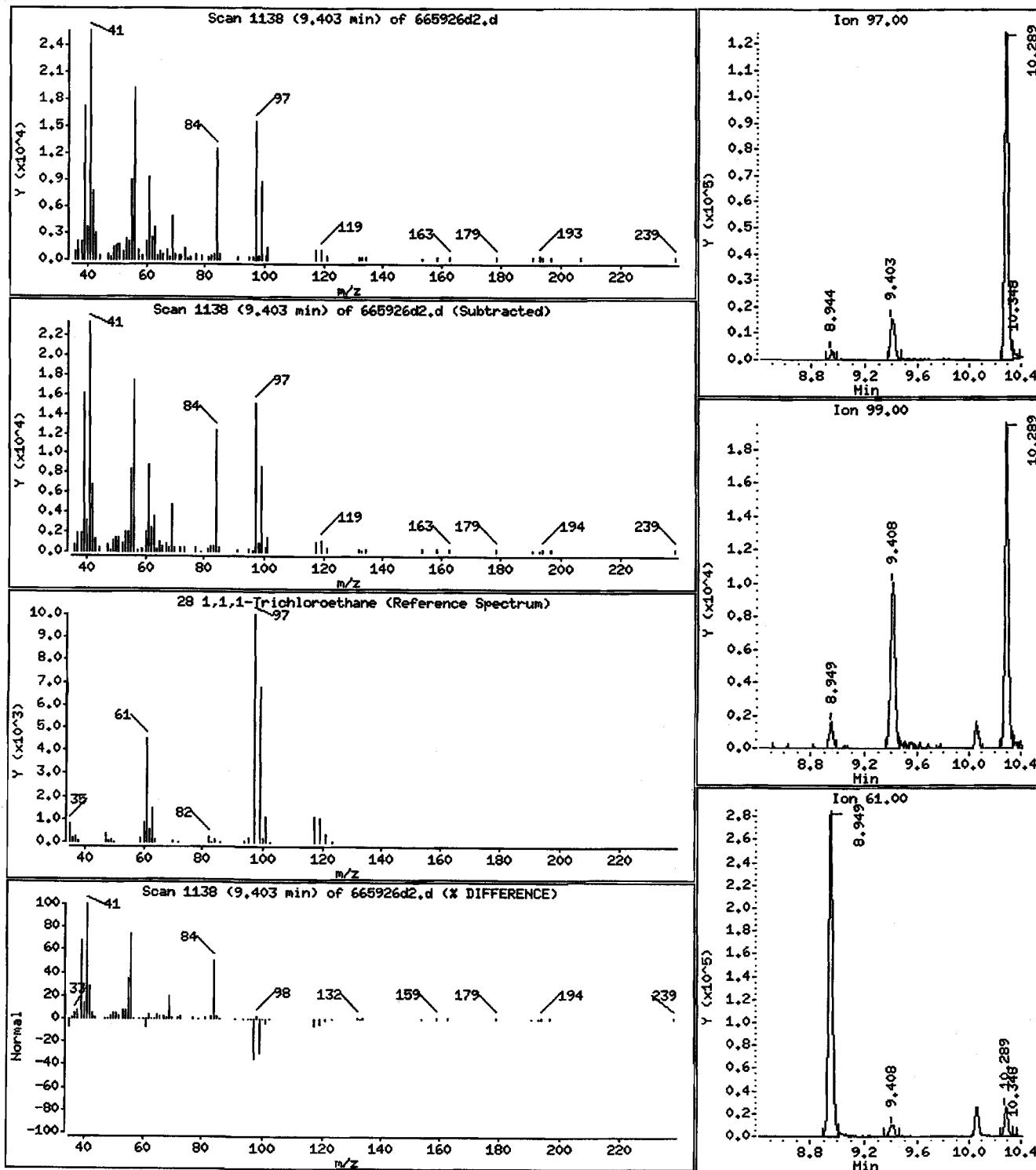
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

28 1,1,1-Trichloroethane

Concentration: 1000 ppbv



Data File: /chem/C.i/Csvr.p/ceeto15,b/665926d2.d

Page 9

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT ;[104/11/06 00730(AIR)

Purge Volume: 10.0

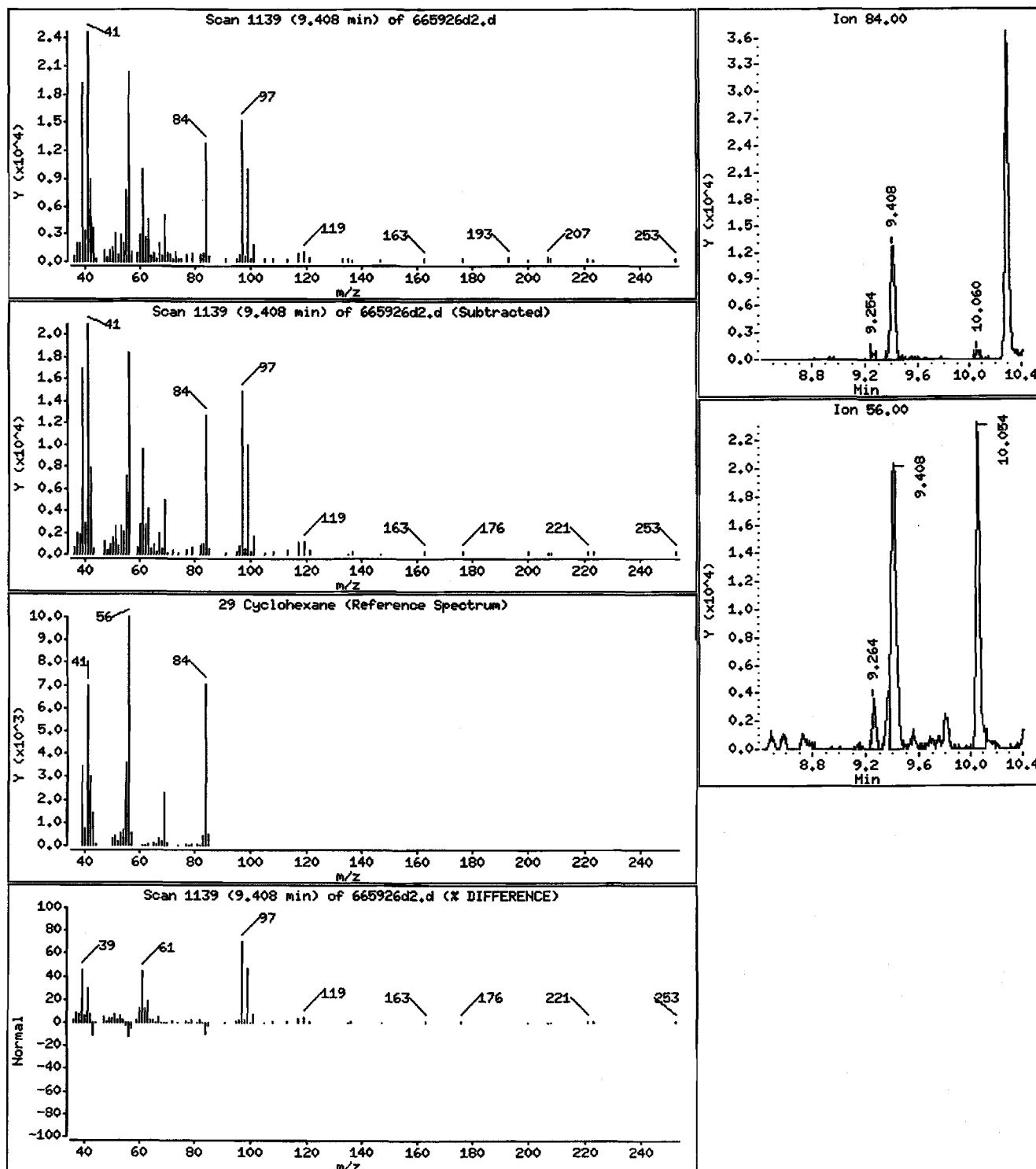
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

29 Cyclohexane

Concentration: 2500 ppbv



Data File: /chem/C.i/Csvr.p/ceasto15.b/665926d2.d

Page 10

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

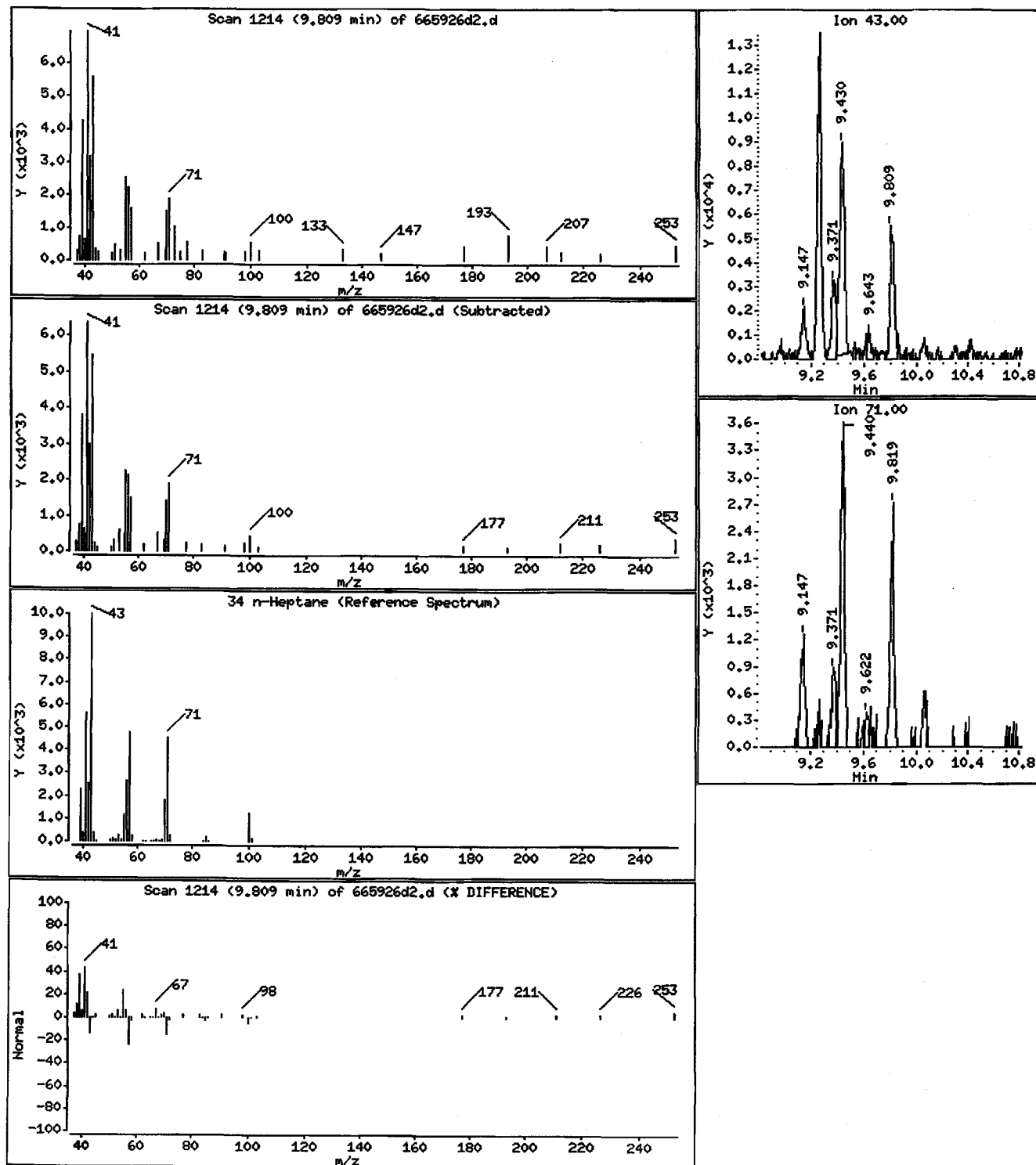
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

34 n-Heptane

Concentration: 570 ppbv



Data File: /chem/C.i/Csvr.p/ceae15.b/665926d2.d

Page 11

Date : 02-MAY-2006 16:30

Client ID: DPE-GAG-INFLUENT

Instrument: C.i

Sample Info: DPE-GAG-INFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

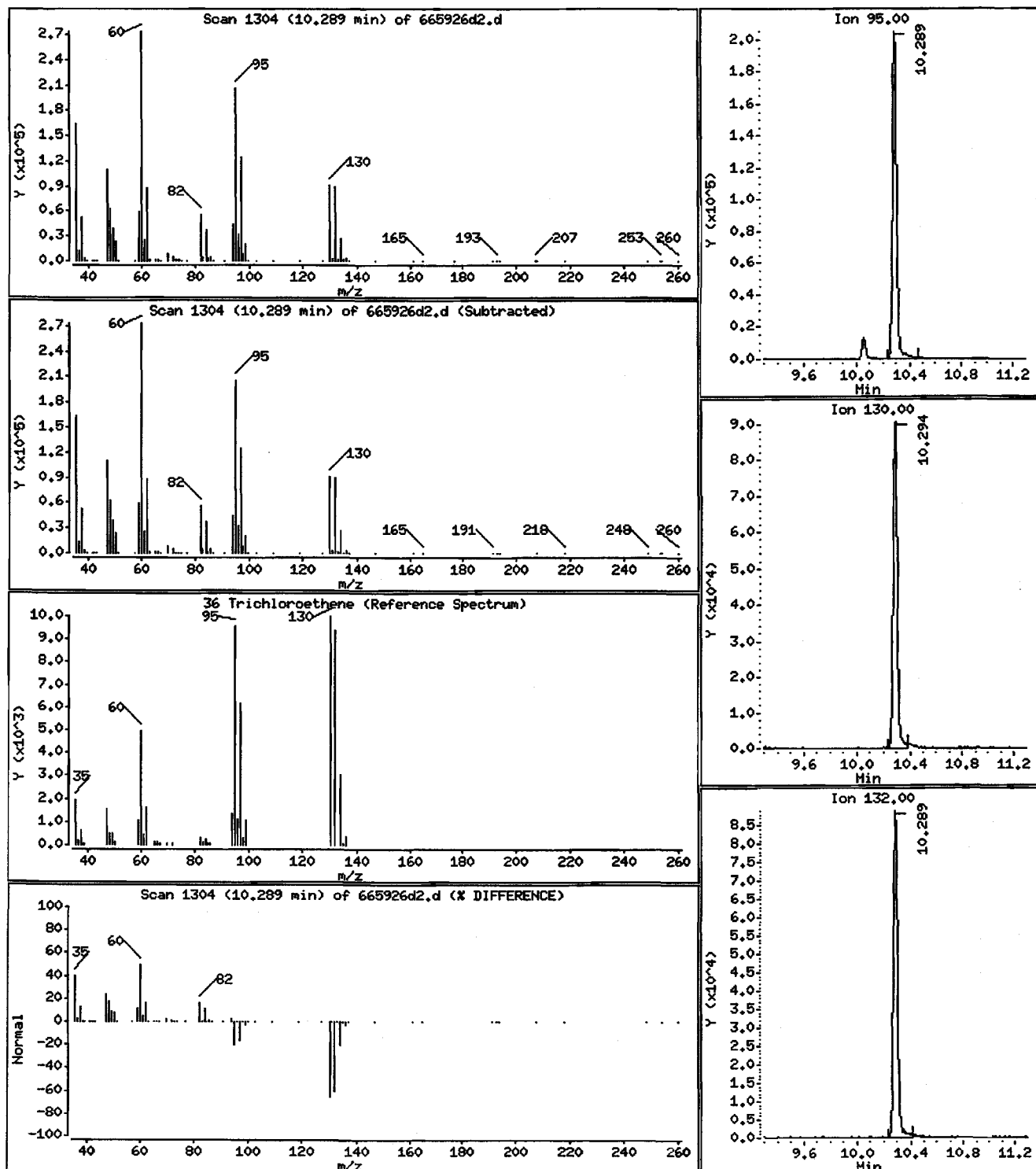
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

36 Trichloroethene

Concentration: 32000 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

AS-EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665927

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665927D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8-----	Dichlorodifluoromethane	10	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	4.0	U
74-87-3-----	Chloromethane	10	U
75-01-4-----	Vinyl Chloride	16	
106-99-0-----	1,3-Butadiene	10	U
74-83-9-----	Bromomethane	4.0	U
75-00-3-----	Chloroethane	64	
593-60-2-----	Bromoethene	4.0	U
75-69-4-----	Trichlorofluoromethane	4.0	U
76-13-1-----	Freon TF	4.0	U
75-35-4-----	1,1-Dichloroethene	4.0	U
75-15-0-----	Carbon Disulfide	10	U
107-05-1-----	3-Chloropropene	10	U
75-09-2-----	Methylene Chloride	10	U
156-60-5-----	trans-1,2-Dichloroethene	4.5	
110-54-3-----	n-Hexane	10	U
75-34-3-----	1,1-Dichloroethane	24	
156-59-2-----	cis-1,2-Dichloroethene	490	
67-66-3-----	Chloroform	4.0	U
71-55-6-----	1,1,1-Trichloroethane	4.0	U
110-82-7-----	Cyclohexane	4.0	U
56-23-5-----	Carbon Tetrachloride	4.0	U
540-84-1-----	2,2,4-Trimethylpentane	4.0	U
71-43-2-----	Benzene	4.0	U
107-06-2-----	1,2-Dichloroethane	4.0	U
142-82-5-----	n-Heptane	4.0	U
79-01-6-----	Trichloroethene	200	
78-87-5-----	1,2-Dichloropropane	4.0	U
75-27-4-----	Bromodichloromethane	4.0	U
10061-01-5-----	cis-1,3-Dichloropropene	4.0	U
108-88-3-----	Toluene	5.8	
10061-02-6-----	trans-1,3-Dichloropropene	4.0	U
79-00-5-----	1,1,2-Trichloroethane	4.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

AS-EFFLUENT

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: 665927

Sample wt/vol: 10.00 (g/mL) ML

Lab File ID: 665927D

Level: (low/med) LOW

Date Received: 04/14/06

% Moisture: not dec. _____

Date Analyzed: 05/02/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

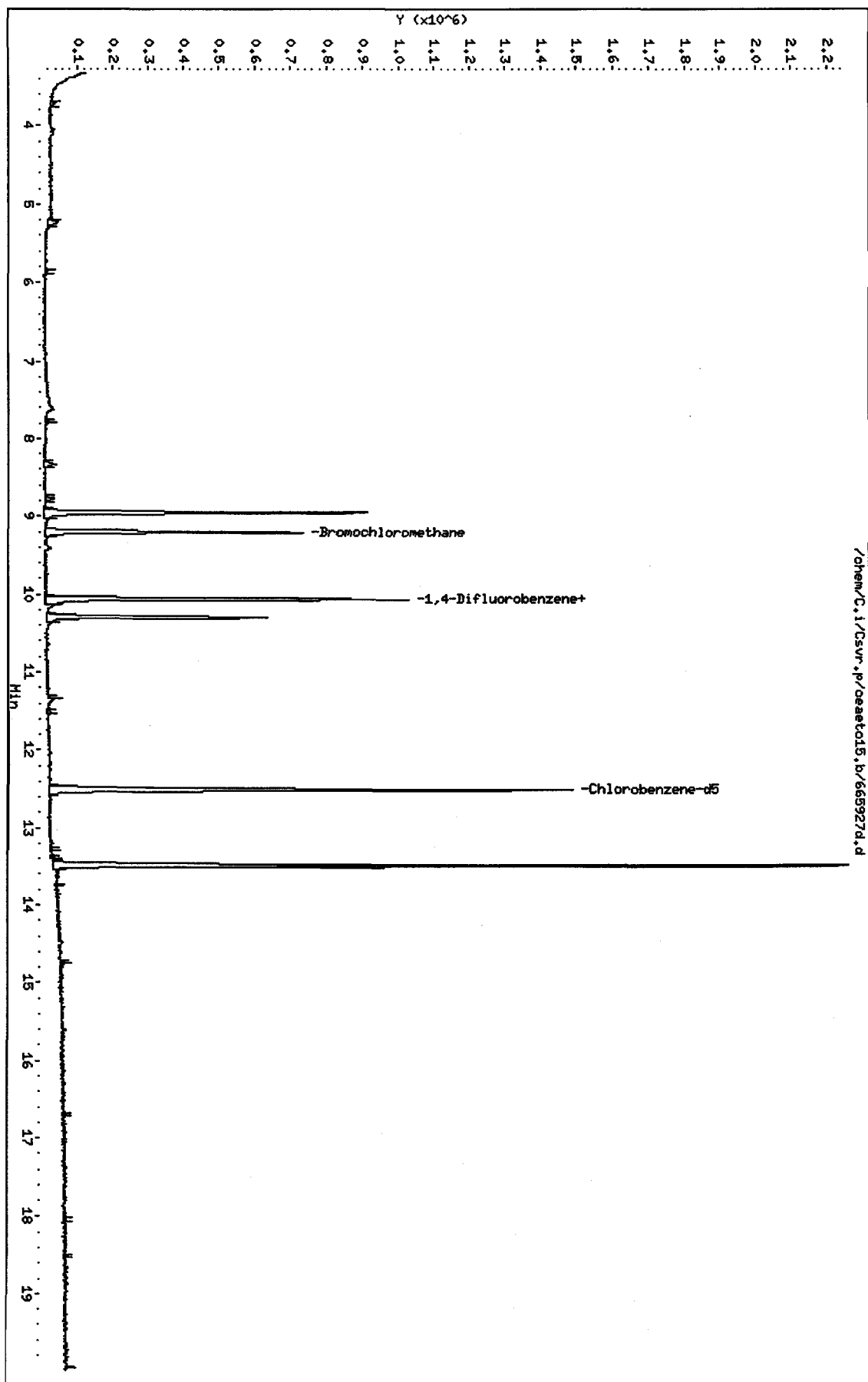
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

127-18-4-----	Tetrachloroethene	4.0	U
124-48-1-----	Dibromochloromethane	4.0	U
106-93-4-----	1,2-Dibromoethane	4.0	U
108-90-7-----	Chlorobenzene	4.0	U
100-41-4-----	Ethylbenzene	4.0	U
1330-20-7-----	Xylene (m,p)	10	U
95-47-6-----	Xylene (o)	4.0	U
100-42-5-----	Styrene	4.0	U
75-25-2-----	Bromoform	4.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	4.0	U
622-96-8-----	4-Ethyltoluene	4.0	U
108-67-8-----	1,3,5-Trimethylbenzene	4.0	U
95-49-8-----	2-Chlorotoluene	4.0	U
95-63-6-----	1,2,4-Trimethylbenzene	4.0	U
541-73-1-----	1,3-Dichlorobenzene	4.0	U
106-46-7-----	1,4-Dichlorobenzene	4.0	U
95-50-1-----	1,2-Dichlorobenzene	4.0	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
87-68-3-----	Hexachlorobutadiene	4.0	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/ceaset05.b/665927d.d
Date: 02-MAY-2006 03:45
Client ID: AS-EFFLUENT
Sample Info: AS-EFFLUENT : I 104/11/06 00730(AIR)
Purge Volume: 10.0
Column phase: RTX-624

Instrument: C.i
Operator: dmw
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/ceaeto15.b/665927d.d
 Report Date: 04-May-2006 09:47

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceaeto15.b/665927d.d
 Lab Smp Id: 665927 Client Smp ID: AS-EFFLUENT
 Inj Date : 02-MAY-2006 03:45
 Operator : dmw Inst ID: C.i
 Smp Info : AS-EFFLUENT :[]04/11/06 @0730(AIR)
 Misc Info : 665927;050106CA;20;10;
 Comment :
 Method : /chem/C.i/Csvr.p/ceaeto15.b/pto15CEA.m
 Meth Date : 04-May-2006 09:43 rs1 Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 11
 Dil Factor: 20.00000
 Integrator: HP RTE Compound Sublist: T014trans.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	10.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85						
2 1,2-Dichlorotetrafluoroethane	85						
3 Chloromethane	50						
4 Vinyl Chloride	62	4.109	4.103	(0.447)	10127	0.77617	16
5 1,3-Butadiene	54						
6 Bromomethane	94						
7 Chloroethane	64	5.230	5.235	(0.568)	21742	3.21374	64
8 Bromoethene	106						
9 Trichlorofluoromethane	101						
10 Freon TF	101						
11 1,1-Dichloroethene	96						
14 Carbon Disulfide	76						
15 3-Chloropropene	41						
16 Methylene Chloride	49						
19 trans-1,2-Dichloroethene	61	7.791	7.791	(0.847)	4639	0.22707	4.5(Q)
20 n-Hexane	57						

Data File: /chem/C.i/Csvr.p/ceato15.b/665927d.d
Report Date: 04-May-2006 09:47

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	26243	1.18043	24
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.973)	181741	24.3052	490
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	65709	10.0000	(Q)
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	Compound Not Detected.					
29 Cyclohexane	84	Compound Not Detected.					
30 Carbon Tetrachloride	117	Compound Not Detected.					
31 2,2,4-Trimethylpentane	57	Compound Not Detected.					
32 Benzene	78	Compound Not Detected.					
33 1,2-Dichloroethane	62	Compound Not Detected.					
34 n-Heptane	43	Compound Not Detected.					
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	381120	10.0000	
36 Trichloroethene	95	10.289	10.294	(1.023)	150267	9.78457	200
38 1,2-Dichloropropane	63	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
43 Toluene	92	11.351	11.351	(0.909)	4750	0.28756	5.8
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.493	12.504	(1.000)	387821	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	Compound Not Detected.					
53 Xylene (m,p)	106	Compound Not Detected.					
54 Xylene (o)	106	Compound Not Detected.					
56 Styrene	104	Compound Not Detected.					
57 Bromoform	173	Compound Not Detected.					
58 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
59 4-Ethyltoluene	105	Compound Not Detected.					
60 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
61 2-Chlorotoluene	91	Compound Not Detected.					
62 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
63 1,3-Dichlorobenzene	146	Compound Not Detected.					
64 1,4-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dichlorobenzene	146	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	179	Compound Not Detected.					
67 Hexachlorobutadiene	225	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/ceae015.b/665927d.d

Page 4

Date : 02-MAY-2006 03:45

Client ID: AS-EFFLUENT

Instrument: C.i

Sample Info: AS-EFFLUENT :I 104/11/06 00730(AIR)

Purge Volume: 10.0

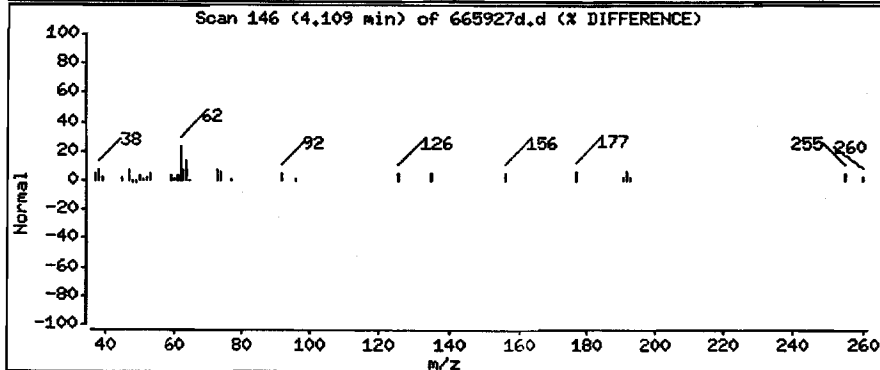
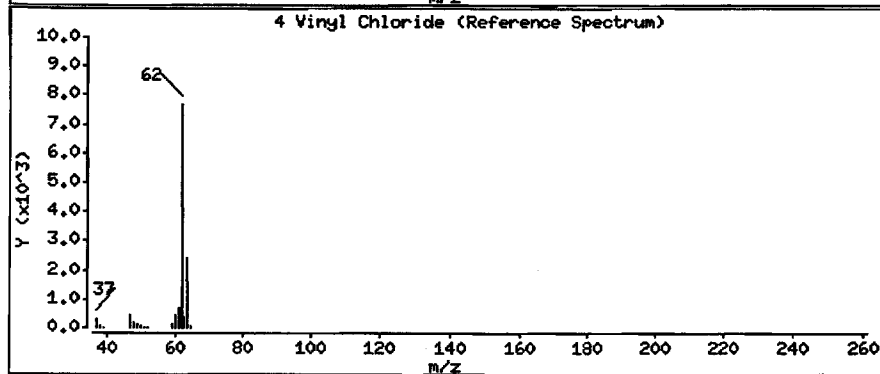
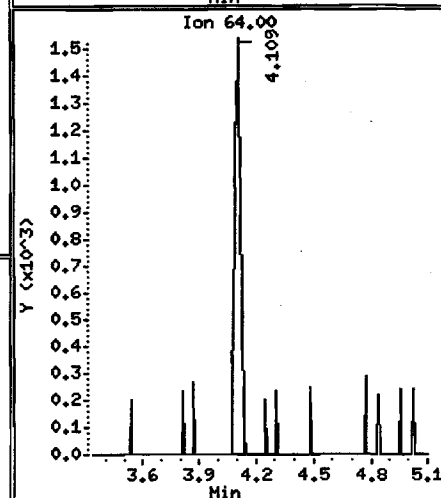
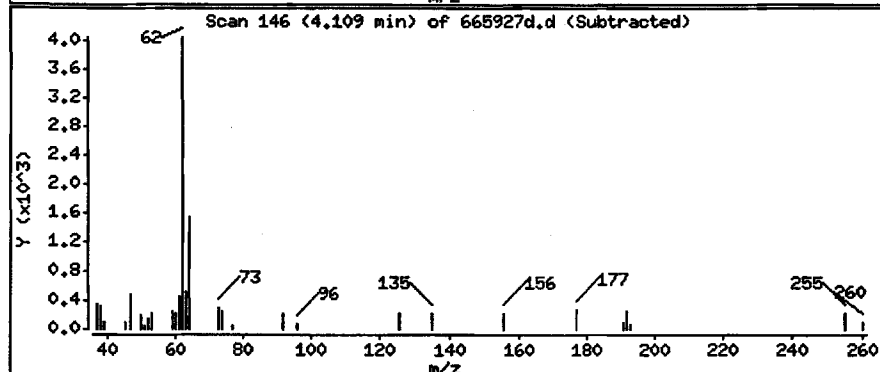
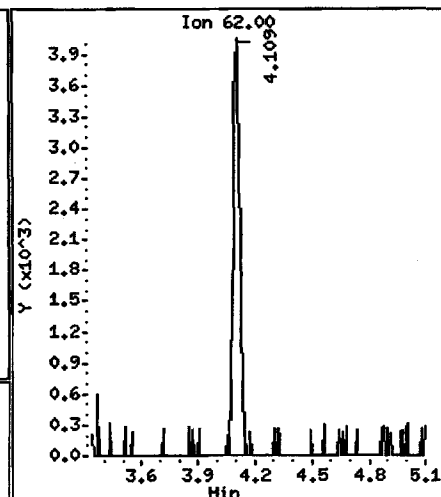
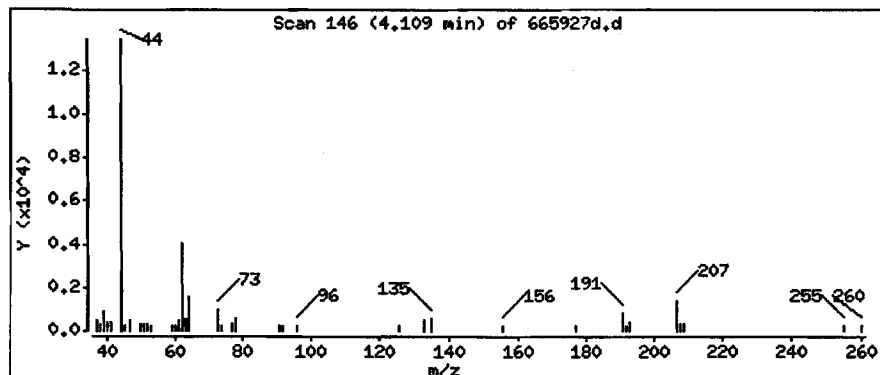
Operator: daw

Column phase: RTX-624

Column diameter: 0.32

4 Vinyl Chloride

Concentration: 16 ppbv



Data File: /chem/C.i/Csvr.p/ceaeeto15.b/665927d.d

Page 5

Date : 02-MAY-2006 03:45

Client ID: AS-EFFLUENT

Instrument: C.i

Sample Info: AS-EFFLUENT :[104/11/06 @0730(AIR)

Purge Volume: 10.0

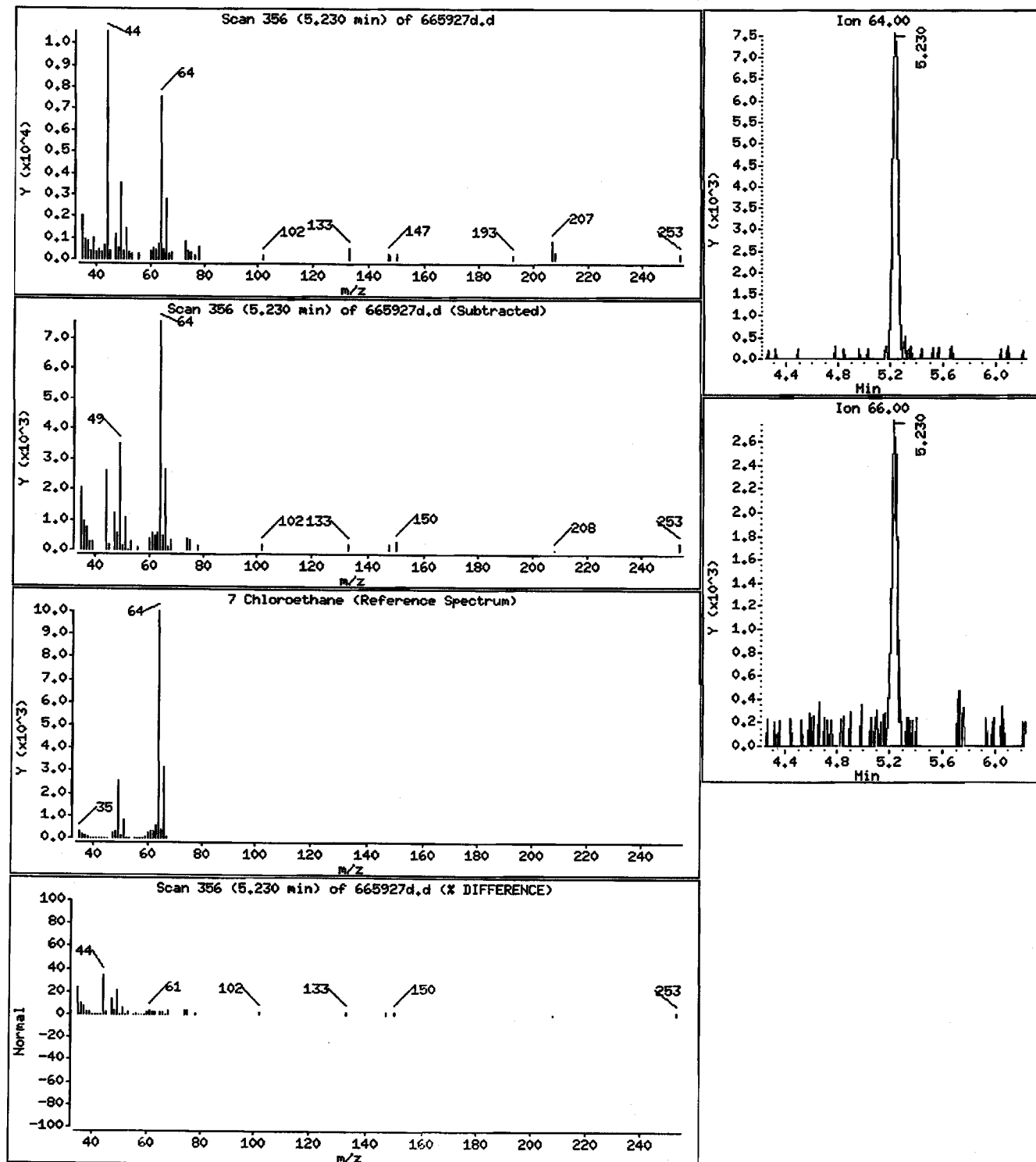
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

7 Chloroethane

Concentration: 64 ppbv



Data File: /chem/C.i/Csvr.p/ceae015.b/665927d.d

Page 6

Date : 02-MAY-2006 03:45

Client ID: AS-EFFLUENT

Instrument: C.i

Sample Info: AS-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

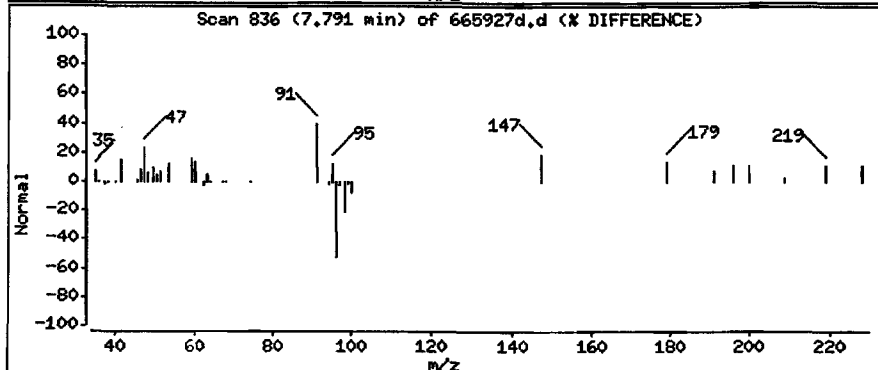
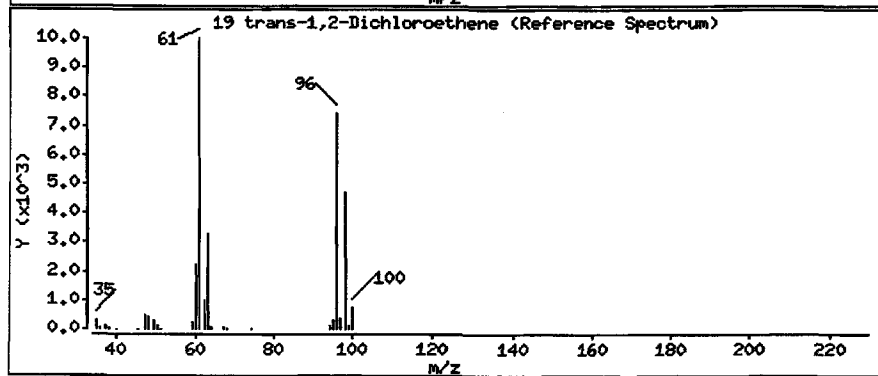
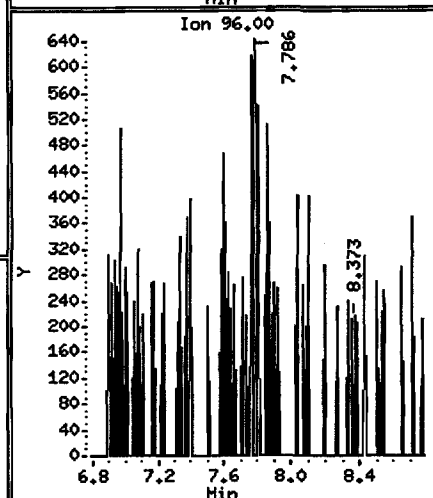
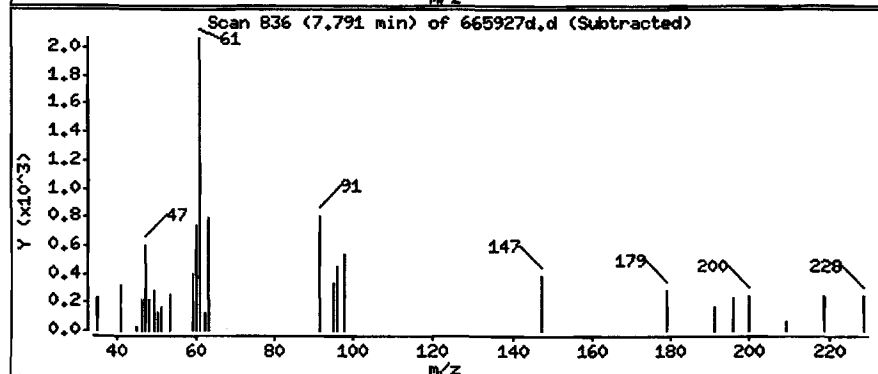
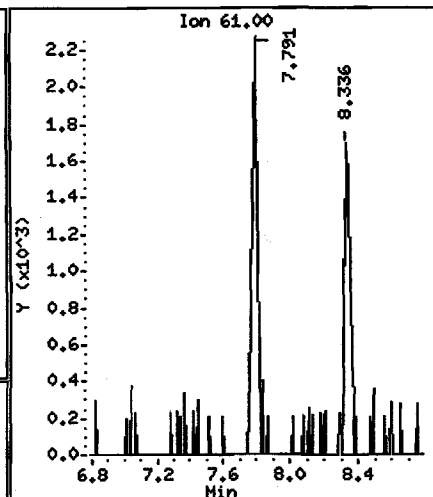
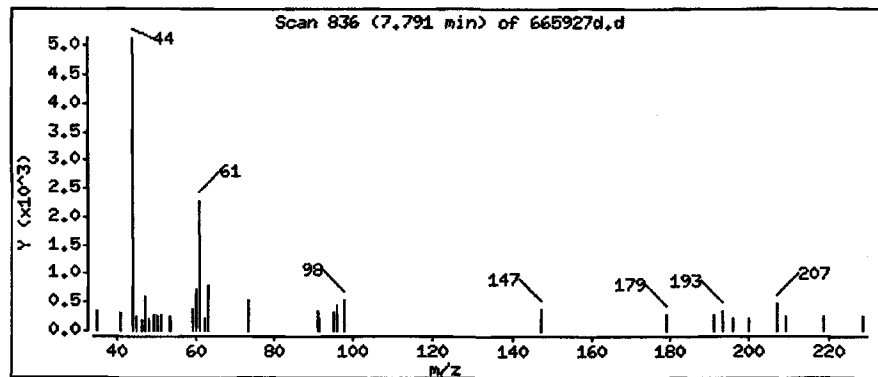
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

19 trans-1,2-Dichloroethene

Concentration: 4.5 ppbv



Data File: /chem/C.i/Csvr.p/ceasto15.b/665927d.d

Page 7

Date : 02-MAY-2006 03:45

Client ID: AS-EFFLUENT

Instrument: C.i

Sample Info: AS-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

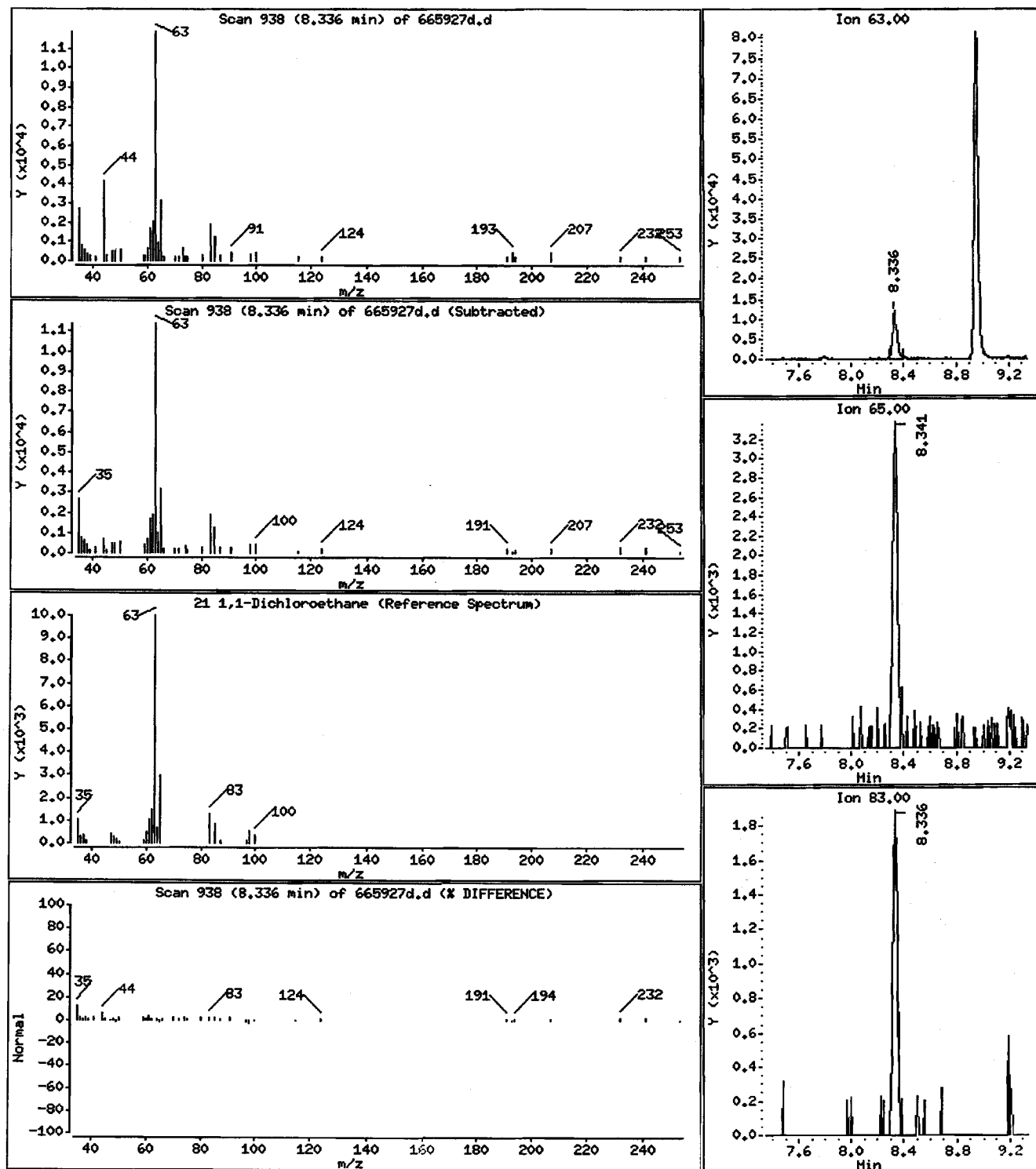
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

21 1,1-Dichloroethane

Concentration: 24 ppbv



Data File: /chem/C.i/Csvr.p/ceeto15.b/665927d.d

Page 8

Date : 02-MAY-2006 03:45

Client ID: AS-EFFLUENT

Instrument: C.i

Sample Info: AS-EFFLUENT :[104/11/06 @0730(AIR)

Purge Volume: 10.0

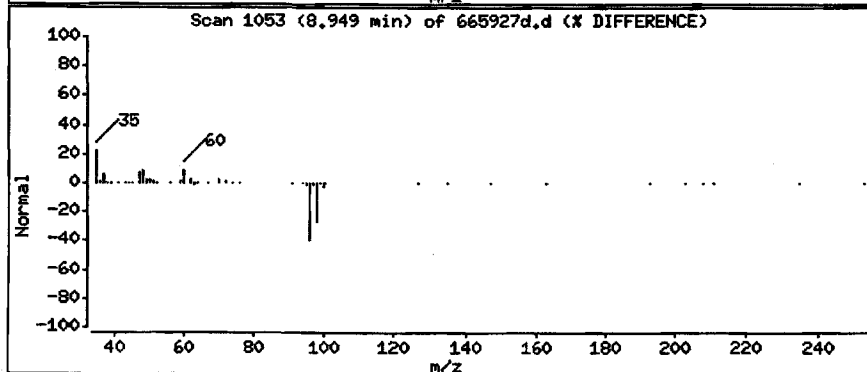
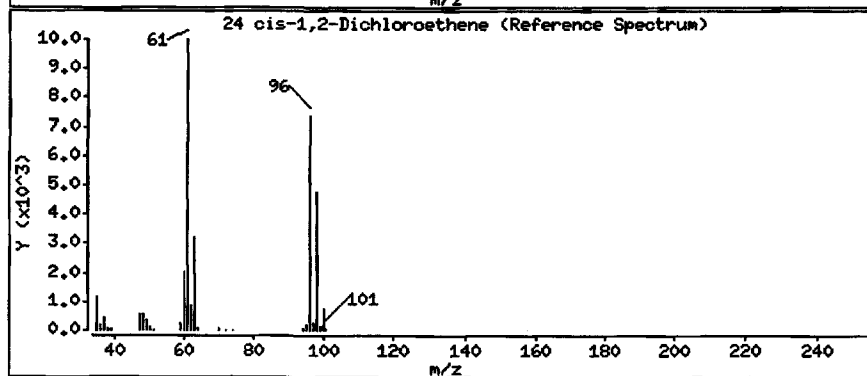
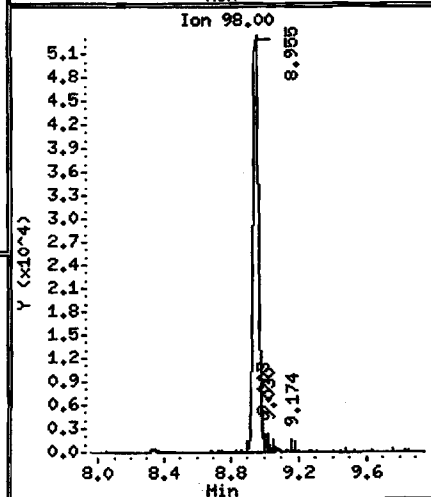
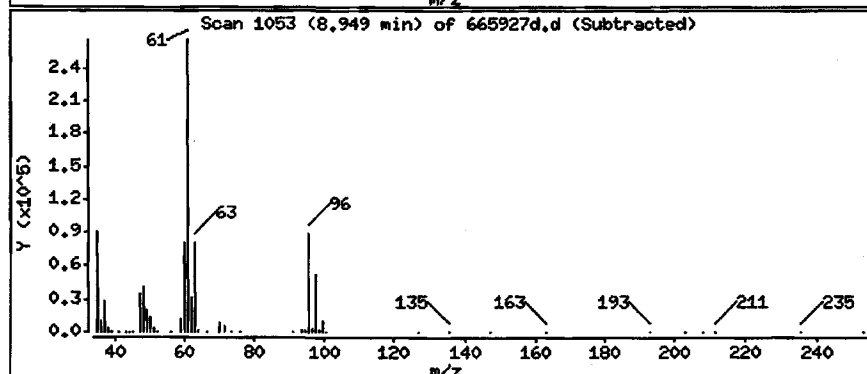
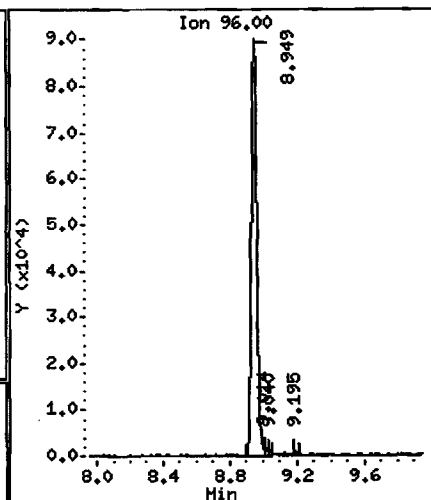
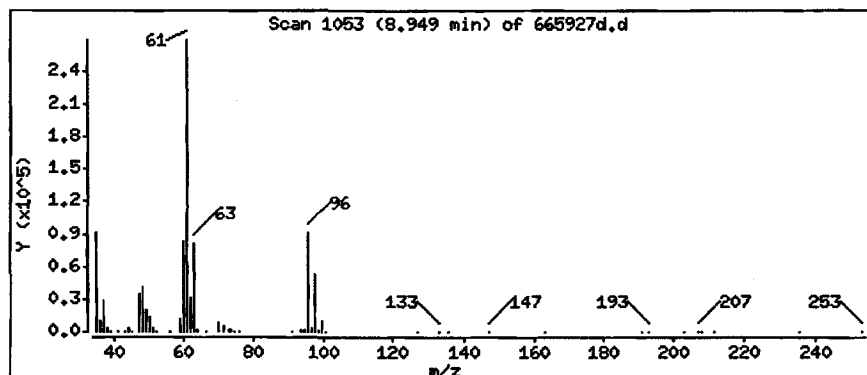
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

24 cis-1,2-Dichloroethene

Concentration: 490 ppbv



Data File: /chem/C.i/Csvr.p/ceae2015.b/665927d.d

Page 9

Date : 02-MAY-2006 03:45

Client ID: AS-EFFLUENT

Instrument: C.i

Sample Info: AS-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

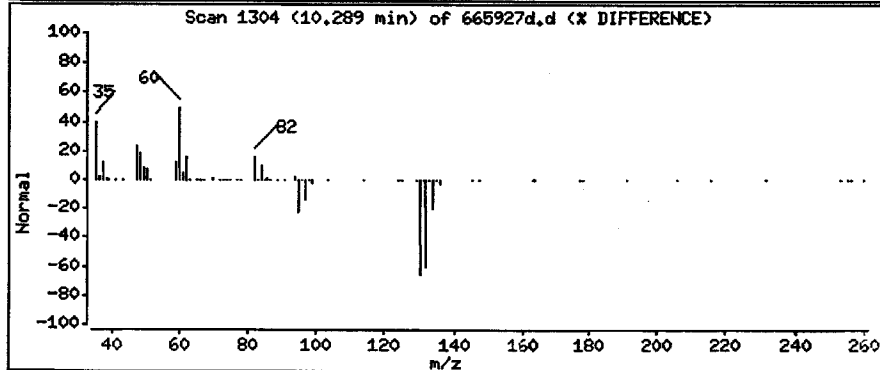
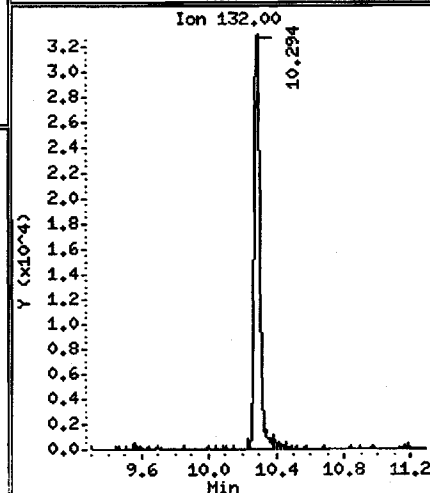
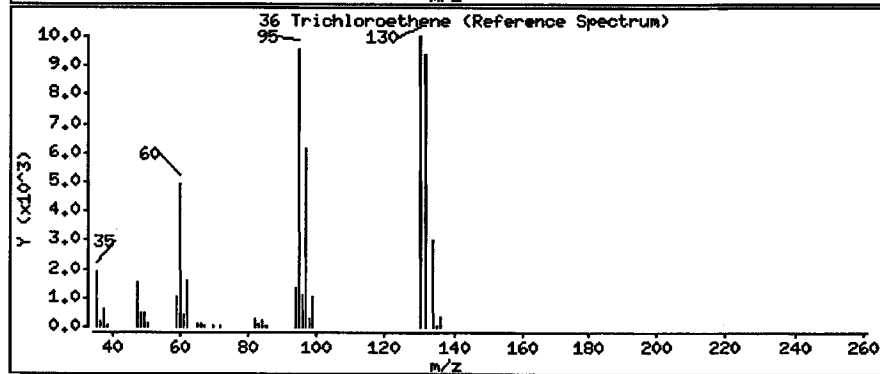
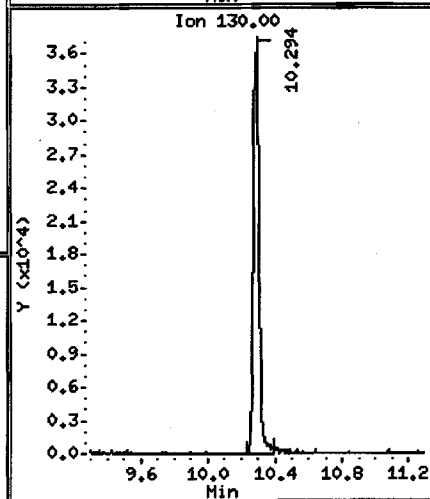
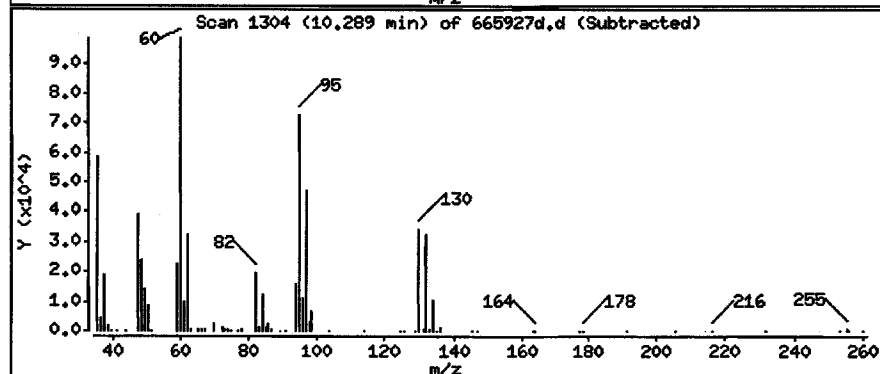
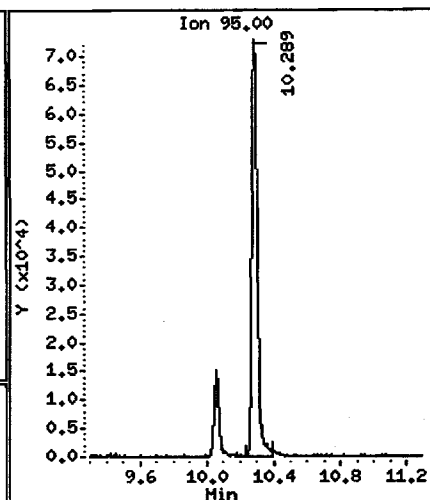
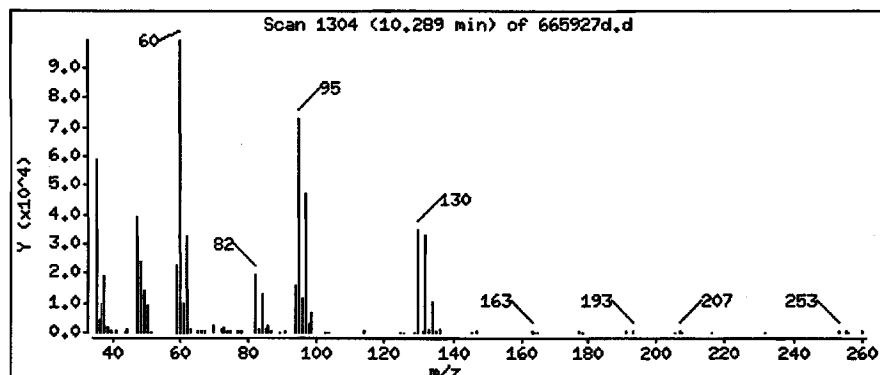
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

36 Trichloroethene

Concentration: 200 ppbv



Data File: /chem/C.i/Csvr,p/ceaeto15,b/665927d.d

Page 10

Date : 02-MAY-2006 03:45

Client ID: AS-EFFLUENT

Instrument: C.i

Sample Info: AS-EFFLUENT :[104/11/06 00730(AIR)

Purge Volume: 10.0

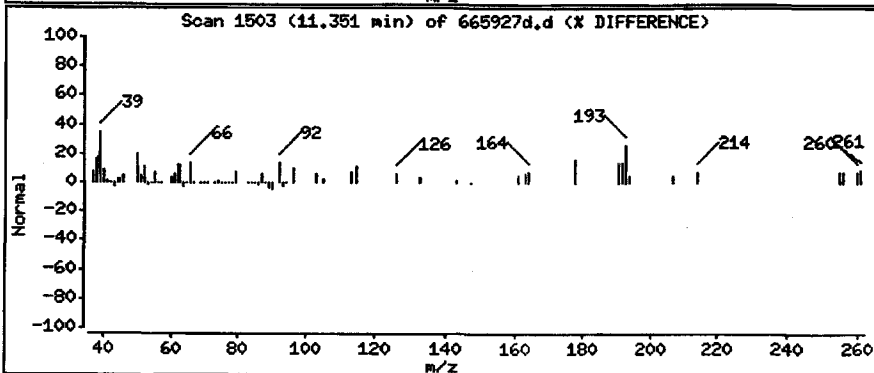
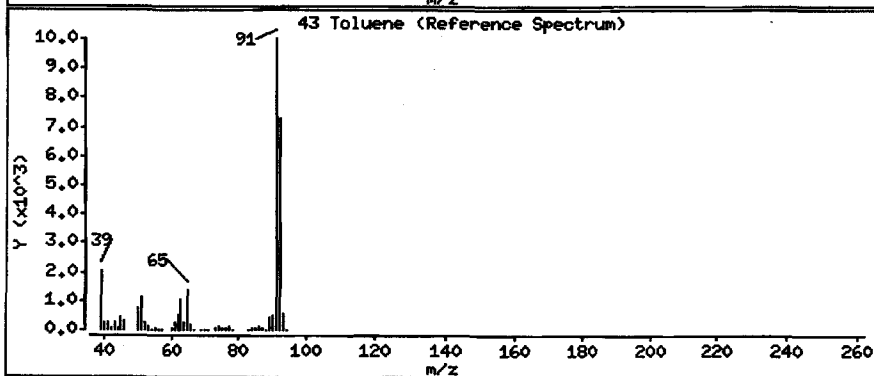
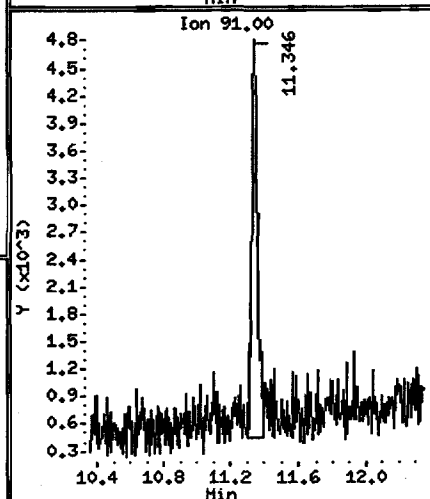
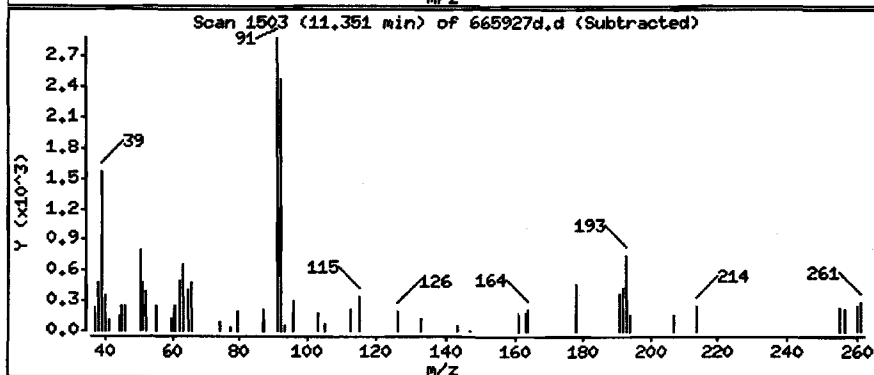
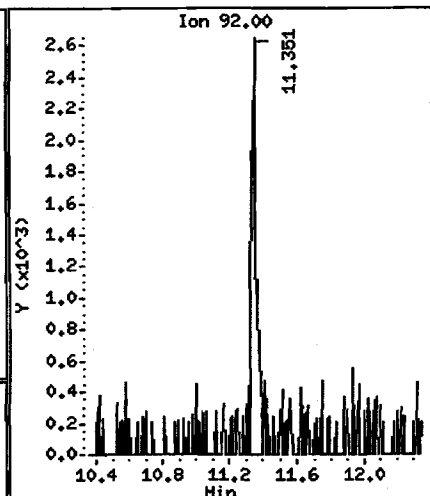
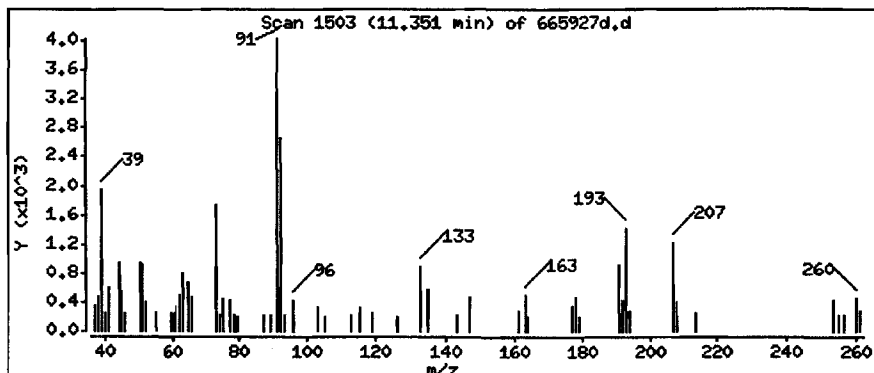
Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

43 Toluene

Concentration: 5.8 ppbv





**METHOD TO-14A
VOLATILE ORGANIC ANALYSIS**

STANDARDS

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date(s): 04/25/06 04/25/06

Heated Purge: (Y/N) N

Calibration Time(s): 0854 1254

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:		RRF0.2=CEA002V		RRF0.5=CEA005V		RRF10 =CEA10V	
RRF2 =		RRF5 =CEA05V					
COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	RRF	% RSD
Dichlorodifluoromethane		19.373		19.952	18.879		
1,2-Dichlorotetrafluoroethane	10.309	10.034		10.335	9.760		
Chloromethane		1.790		1.546	1.430		
Vinyl Chloride	2.210	2.294		2.140	1.960		
1,3-Butadiene		1.584		1.713	1.543		
Bromomethane	2.179	1.949		1.960	1.843		
Chloroethane	1.266	1.112		1.019	0.975		
Bromoethene	1.108	1.061		0.960	0.942		
Trichlorofluoromethane	9.043	8.339		8.254	8.052		
Freon TF	3.314	3.126		3.356	3.308		
1,1-Dichloroethene	1.181	1.111		1.062	1.044		
Acetone				3.701	3.444		
Isopropyl Alcohol				1.726	1.635		
Carbon Disulfide		3.540		3.511	3.525		
3-Chloropropene		2.340		2.319	2.238		
Methylene Chloride		3.465		2.734	2.573		
tert-Butyl Alcohol				2.792	2.511		
Methyl tert-Butyl Ether		4.974		5.472	5.258		
trans-1,2-Dichloroethene	3.096	3.054		3.120	3.080		
n-Hexane		2.287		2.298	2.301		
1,1-Dichloroethane *	3.323	3.228		3.424	3.322		*
1,2-Dichloroethene (total)	2.112	2.077		2.106	2.076		
Methyl Ethyl Ketone		0.698		0.598	0.640		
cis-1,2-Dichloroethene	1.128	1.101		1.092	1.072		
Tetrahydrofuran				0.375	0.364		
Chloroform	5.027	4.640		4.728	4.634		
1,1,1-Trichloroethane	0.971	0.966		1.058	1.097		
Cyclohexane	0.280	0.305		0.327	0.337		
Carbon Tetrachloride	1.092	1.057		1.182	1.189		
2,2,4-Trimethylpentane	1.165	1.152		1.267	1.302		
Benzene	0.574	0.595		0.640	0.632		
1,2-Dichloroethane	0.848	0.825		0.916	0.911		
n-Heptane	0.547	0.522		0.578	0.602		
Trichloroethene	0.373	0.368		0.373	0.386		
Methyl Methacrylate		0.235		0.270	0.269		
1,2-Dichloropropane	0.297	0.243		0.281	0.274		
1,4-Dioxane				0.060	0.056		

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date(s): 04/25/06 04/25/06

Heated Purge: (Y/N) N

Calibration Time(s): 0854 1254

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:		RRF15 =CEA15V		RRF20 =CEA20V			
RRF40 =CEA40V							
COMPOUND	RRF15	RRF20	RRF40			RRF	% RSD
Dichlorodifluoromethane		17.898	15.930			18.406	8.6
1,2-Dichlorotetrafluoroethane		9.281	8.482			9.700	7.4
Chloromethane		1.292	1.101			1.432	18.2
Vinyl Chloride		1.779	1.530			1.986	14.6
1,3-Butadiene		1.399	1.180			1.484	13.7
Bromomethane		1.831	1.701			1.910	8.5
Chloroethane		0.959	0.846			1.030	14.0
Bromoethene		0.972	0.932			0.996	7.2
Trichlorofluoromethane		8.205	7.918			8.302	4.7
Freon TF		3.396	3.438			3.323	3.3
1,1-Dichloroethene		1.055	1.022			1.079	5.4
Acetone	3.521	3.361	3.044			3.414	7.1
Isopropyl Alcohol	1.644	1.492	1.328			1.565	10.0
Carbon Disulfide		3.637	3.485			3.540	1.6
3-Chloropropene		2.311	2.188			2.279	2.8
Methylene Chloride		2.536	2.349			2.731	15.8
tert-Butyl Alcohol	2.692	2.456	2.174			2.525	9.4
Methyl tert-Butyl Ether		5.682	5.542			5.386	5.1
trans-1,2-Dichloroethene		3.181	3.124			3.109	1.4
n-Hexane		2.419	2.415			2.344	2.9
1,1-Dichloroethane *		3.512	3.491			3.383	3.3*
1,2-Dichloroethene (total)		2.188	2.182			2.124	2.3
Methyl Ethyl Ketone		0.705	0.716			0.671	7.5
cis-1,2-Dichloroethene		1.195	1.241			1.138	5.8
Tetrahydrofuran	0.392	0.400	0.440			0.394	7.4
Chloroform		4.986	5.061			4.846	4.1
1,1,1-Trichloroethane		1.251	1.539			1.147	19.0
Cyclohexane		0.381	0.446			0.346	17.2
Carbon Tetrachloride		1.321	1.544			1.231	14.5
2,2,4-Trimethylpentane		1.484	1.702			1.345	15.8
Benzene		0.688	0.740			0.645	9.4
1,2-Dichloroethane		1.040	1.171			0.952	13.8
n-Heptane		0.719	0.838			0.634	19.0
Trichloroethene		0.429	0.488			0.403	11.8
Methyl Methacrylate		0.314	0.352			0.288	15.7
1,2-Dichloropropane		0.309	0.341			0.291	11.4
1,4-Dioxane	0.062	0.055	0.053			0.057	6.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

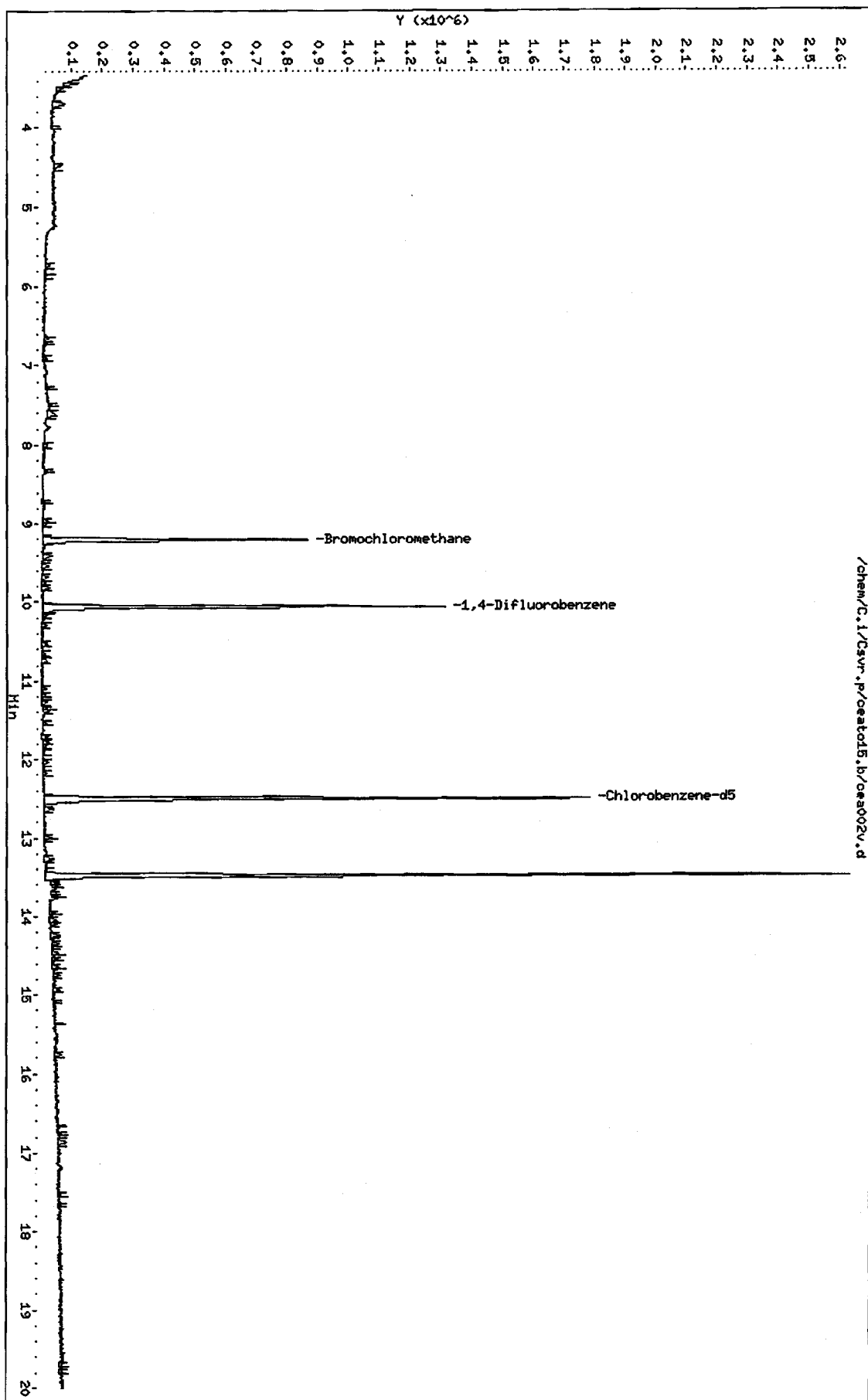
6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Data File: /chem/C.1/Cavr.p/ceat015.b/ceat02v.d
Date: 28-APR-2006 08:54
Client ID: ASTD0002
Sample Info:
Purge Volume: 200.0
Column Phase: RTX-624

Instrument: C.1
Operator: wrd
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/ceato15.b/cea002v.d
Report Date: 27-Apr-2006 20:44

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceato15.b/cea002v.d
Lab Smp Id: ASTD0002 Client Smp ID: ASTD0002
Inj Date : 25-APR-2006 08:54
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : ASTD0002
Comment :
Method : /chem/C.i/Csvr.p/ceato15.b/pto15.m
Meth Date : 27-Apr-2006 20:44 jd1 Quant Type: ISTD
Cal Date : 25-APR-2006 08:54 Cal File: cea002v.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
=====	=====	=====	==	=====	=====	=====	=====	=====
1 Dichlorodifluoromethane	85	3.437	3.442	(0.373)	33228	0.20000	0.21(a)	
2 1,2-Dichlorotetrafluoroethane	85	3.687	3.693	(0.401)	18147	0.20000	0.21	
3 Chloromethane	50	3.842	3.847	(0.417)	3690	0.20000	0.29(a)	
4 Vinyl Chloride	62	4.109	4.103	(0.446)	3890	0.20000	0.22	
5 1,3-Butadiene	54	4.189	4.189	(0.455)	3210	0.20000	0.25(a)	
6 Bromomethane	94	4.984	4.989	(0.541)	3836	0.20000	0.23(Q)	
7 Chloroethane	64	5.246	5.235	(0.570)	2228	0.20000	0.25	
8 Bromoethene	106	5.657	5.646	(0.614)	1951	0.20000	0.22(Q)	
9 Trichlorofluoromethane	101	5.721	5.731	(0.621)	15918	0.20000	0.22	
10 Freon TF	101	6.649	6.644	(0.722)	5834	0.20000	0.20	
11 1,1-Dichloroethene	96	6.713	6.719	(0.729)	2079	0.20000	0.22(Q)	
12 Acetone	43	6.906	6.889	(0.750)	19584	0.20000	0.65(a)	
13 Isopropyl Alcohol	45	7.055	7.039	(0.766)	4804	0.20000	0.35(a)	
14 Carbon Disulfide	76	7.082	7.087	(0.769)	4997	0.20000	0.16(a)	
15 3-Chloropropene	41	7.295	7.290	(0.792)	5022	0.20000	0.25(a)	

Data File: /chem/C.i/Csvr.p/ceato15.b/cea002v.d
Report Date: 27-Apr-2006 20:44

Page 2

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
16 Methylene Chloride	49	7.498	7.492	(0.814)	8094	0.20000	0.34 (a)
17 tert-Butyl Alcohol	59	7.605	7.583	(0.826)	5309	0.20000	0.24 (a)
18 Methyl tert-Butyl Ether	73	7.775	7.754	(0.845)	8898	0.20000	0.19 (a)
19 trans-1,2-Dichloroethene	61	7.791	7.791	(0.846)	5449	0.20000	0.20 (Q)
20 n-Hexane	57	8.000	7.999	(0.869)	4433	0.20000	0.21 (Ta)
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	5849	0.20000	0.20
M 22 1,2-Dichloroethene (total)	61				7434	0.40000	0.40
23 Methyl Ethyl Ketone	72	8.966	8.960	(0.974)	1737	0.20000	0.29 (aQ)
24 cis-1,2-Dichloroethene	96	8.944	8.955	(0.972)	1985	0.20000	0.20
* 25 Bromochloromethane	128	9.206	9.206	(1.000)	88012	10.0000	(Q)
26 Tetrahydrofuran	42	9.232	9.227	(0.918)	3944	0.20000	0.20 (a)
27 Chloroform	83	9.232	9.232	(1.003)	8849	0.20000	0.21 (Q)
28 1,1,1-Trichloroethane	97	9.409	9.414	(0.935)	9807	0.20000	0.17 (a)
29 Cyclohexane	84	9.414	9.414	(0.936)	2829	0.20000	0.16 (a)
30 Carbon Tetrachloride	117	9.542	9.542	(0.949)	11029	0.20000	0.18 (a)
31 2,2,4-Trimethylpentane	57	9.681	9.686	(0.962)	11766	0.20000	0.17 (aQ)
32 Benzene	78	9.745	9.755	(0.969)	5805	0.20000	0.18 (a)
33 1,2-Dichloroethane	62	9.819	9.819	(0.976)	8567	0.20000	0.18 (a)
34 n-Heptane	43	9.825	9.819	(0.977)	5524	0.20000	0.17 (a)
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	505141	10.0000	
36 Trichloroethene	95	10.284	10.294	(1.022)	3770	0.20000	0.19 (a)
37 Methyl Methacrylate	69	10.513	10.513	(1.045)	1999	0.20000	0.14 (aQ)
38 1,2-Dichloropropane	63	10.540	10.540	(1.048)	3003	0.20000	0.20 (Q)
39 1,4-Dioxane	88	10.647	10.620	(1.058)	1017	0.20000	0.35 (a)
40 Bromodichloromethane	83	10.732	10.737	(1.067)	8240	0.20000	0.16 (a)
41 cis-1,3-Dichloropropene	75	11.095	11.100	(1.103)	5645	0.20000	0.20
42 Methyl Isobutyl Ketone	43	11.186	11.175	(1.112)	7892	0.20000	0.17 (a)
43 Toluene	92	11.356	11.351	(0.909)	4233	0.20000	0.22 (Q)
44 trans-1,3-Dichloropropene	75	11.538	11.538	(1.147)	6357	0.20000	0.18 (a)
45 1,1,2-Trichloroethane	83	11.703	11.709	(0.936)	2433	0.20000	0.21 (Q)
46 Tetrachloroethene	166	11.783	11.783	(0.943)	1660	0.20000	0.16 (aQ)
47 Methyl Butyl Ketone	43	11.826	11.826	(0.946)	8327	0.20000	0.22 (a)
48 Dibromochloromethane	129	12.040	12.039	(0.963)	4816	0.20000	0.17 (a)
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	3440	0.20000	0.19 (aQ)
* 50 Chlorobenzene-d5	117	12.499	12.504	(1.000)	460178	10.0000	
51 Chlorobenzene	112	12.520	12.530	(1.002)	4377	0.20000	0.17 (aQ)
52 Ethylbenzene	91	12.541	12.541	(1.003)	10808	0.20000	0.18 (a)
53 Xylene (m,p)	106	12.637	12.632	(1.011)	4404	0.40000	0.26 (aQ)
54 Xylene (o)	106	12.995	12.995	(1.040)	2615	0.20000	0.16 (aQ)
M 55 Xylene (total)	106				7019	0.20000	0.44
56 Styrene	104	13.006	13.005	(1.041)	4209	0.20000	0.16 (a)
57 Bromoform	173	13.262	13.262	(1.061)	2437	0.20000	0.12 (a)
58 1,1,2,2-Tetrachloroethane	83	13.566	13.566	(1.085)	6060	0.20000	0.17 (a)
59 4-Ethyltoluene	105	13.705	13.699	(1.097)	10136	0.20000	0.16 (aM)
60 1,3,5-Trimethylbenzene	105	13.747	13.742	(1.100)	9642	0.20000	0.17 (aM)
61 2-Chlorotoluene	91	13.763	13.769	(1.101)	13239	0.20000	0.19 (a)
62 1,2,4-Trimethylbenzene	105	14.094	14.099	(1.128)	10026	0.20000	0.18 (a)

Data File: /chem/C.i/Csvr.p/ceato15.b/cea002v.d
 Report Date: 27-Apr-2006 20:44

Page 3

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
63 1,3-Dichlorobenzene	146	14.457	14.457	(1.157)	3744	0.20000	0.18(aQ)
64 1,4-Dichlorobenzene	146	14.548	14.542	(1.164)	3341	0.20000	0.16(aQ)
65 1,2-Dichlorobenzene	146	14.932	14.943	(1.195)	3409	0.20000	0.18(a)
66 1,2,4-Trichlorobenzene	180	16.779	16.773	(1.342)	2292	0.20000	0.18(aQ)
67 Hexachlorobutadiene	225	16.870	16.864	(1.350)	2527	0.20000	0.17(a)
68 Naphthalene	128	17.179	17.184	(1.374)	6193	0.20000	0.17(a)

QC Flag Legend

- T - Target compound detected outside RT window.
- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

JPD 4/27/06

MANUAL INTEGRATION REPORT

Data File Name: cea002v.d

Inj. Date and Time: 25-APR-2006 08:54

Target Version: Target 3.50

Client Sample ID: ASTD0002

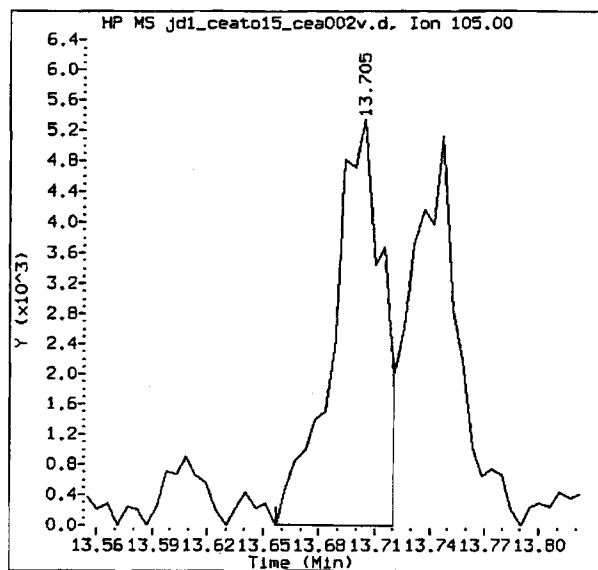
Instrument ID: C.i

Report Version: 1.1

Compound Name: 4-Ethyltoluene

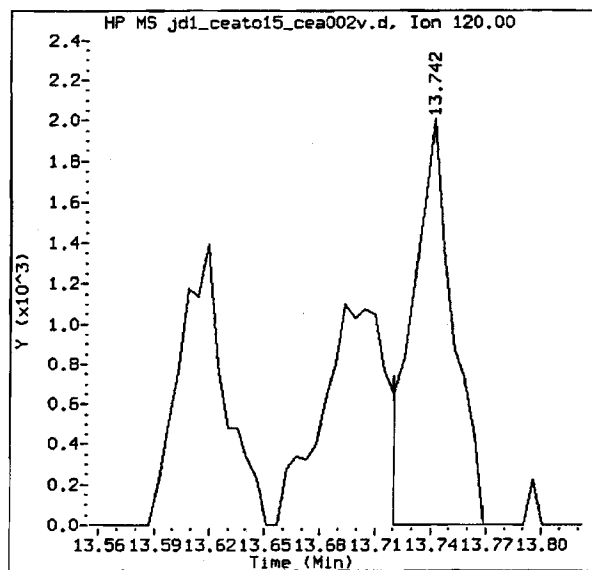
CAS #: 622-96-8

Report Date: 04/27/2006 20:44

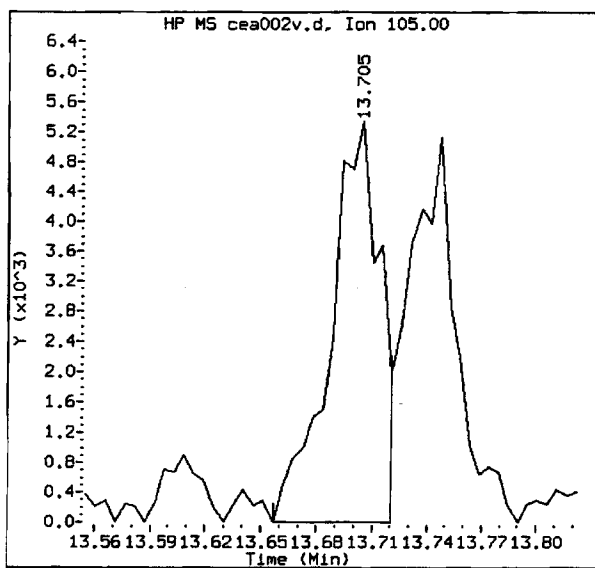


Original Integrations:

Area = 10136

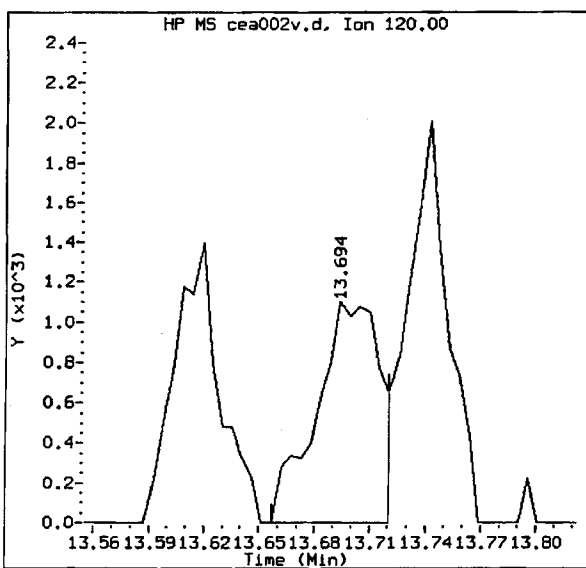


Area = 3104



Final Integrations:

Area = 10136



Area = 2703

Manual Integration Reason: M2 - Mis-identification of peak

MANUAL INTEGRATION REPORT

Data File Name: cea002v.d

Inj. Date and Time: 25-APR-2006 08:54

Target Version: Target 3.50

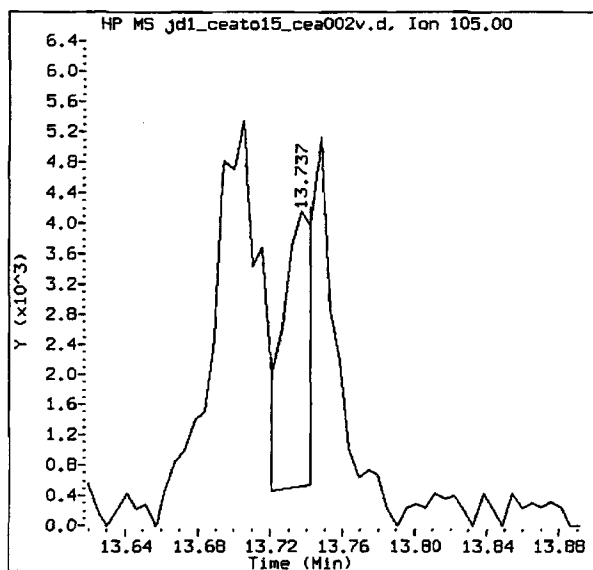
Client Sample ID: ASTD0002

Instrument ID: C.i

Report Version: 1.1

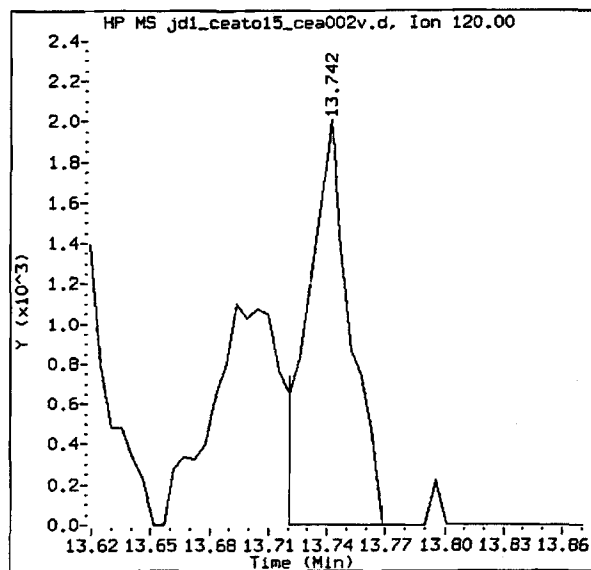
Compound Name: 1,3,5-Trimethylbenzene CAS #: 108-67-8

Report Date: 04/27/2006 20:44

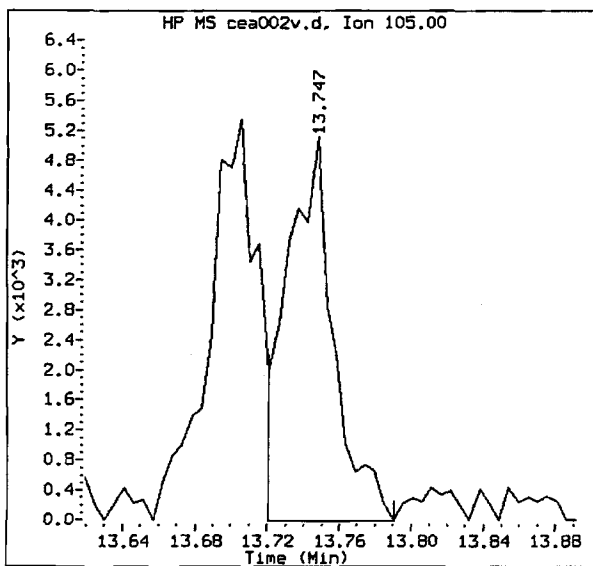


Original Integrations:

Area = 4452

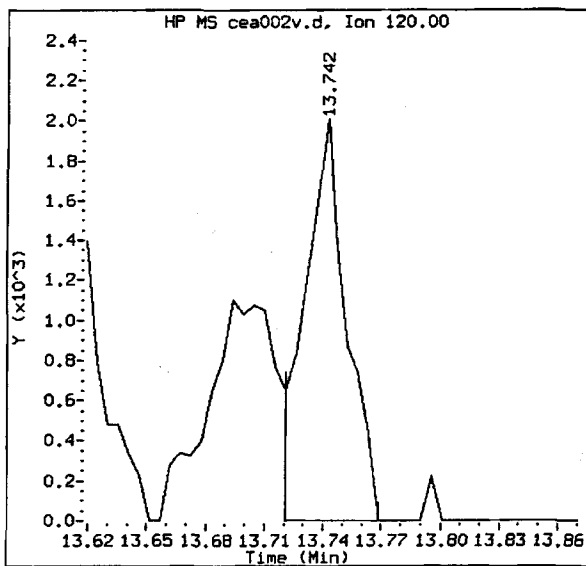


Area = 3104



Final Integrations:

Area = 9642



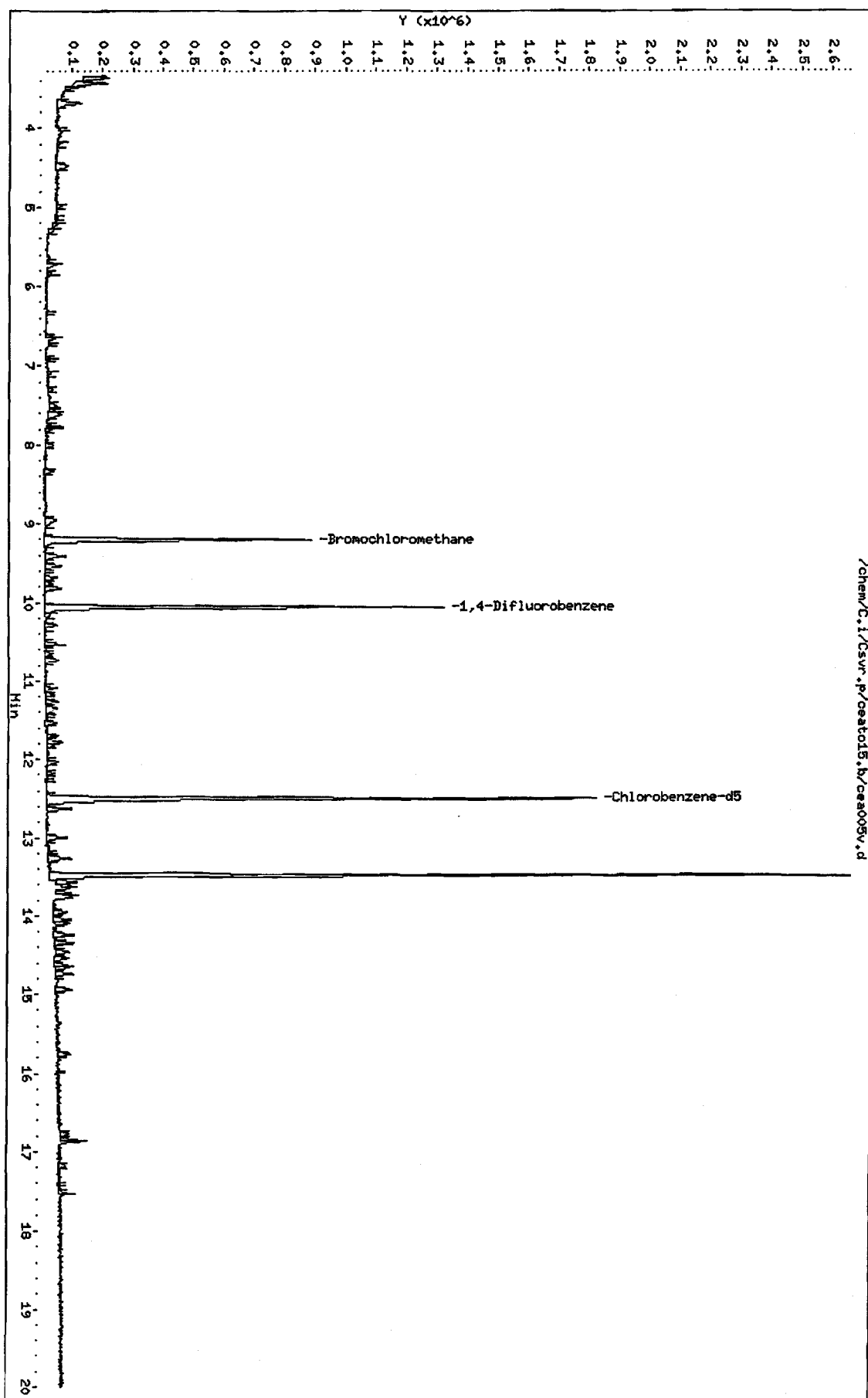
Area = 3104

Manual Integration Reason: M2 - Mis-identification of peak

Data File: /chem/C.1/Cswr.p/ceat05.b/ceat05v.d
Date: 25-APR-2006 09:34
Client ID: ASTD0005
Sample Info:
Purge Volume: 200.0
Column Phase: RTX-624

Instrument: C.1
Operator: und
Column diameter: 0.32

Page 4



Data File: /chem/C.i/Csvr.p/ceato15.b/cea005v.d
 Report Date: 27-Apr-2006 20:44

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceato15.b/cea005v.d
 Lab Smp Id: ASTD0005 Client Smp ID: ASTD0005
 Inj Date : 25-APR-2006 09:34
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD0005
 Comment :
 Method : /chem/C.i/Csvr.p/ceato15.b/pto15.m
 Meth Date : 27-Apr-2006 20:44 jd1 Quant Type: ISTD
 Cal Date : 25-APR-2006 09:34 Cal File: cea005v.d
 Als bottle: 2 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG			AMOUNTS			
	MASS	RT	EXP RT REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)	
1 Dichlorodifluoromethane	85	3.436	3.442 (0.373)	86183	0.50000	0.53	
2 1,2-Dichlorotetrafluoroethane	85	3.687	3.693 (0.401)	44636	0.50000	0.52	
3 Chloromethane	50	3.847	3.847 (0.418)	7965	0.50000	0.63	
4 Vinyl Chloride	62	4.098	4.103 (0.445)	10207	0.50000	0.58	
5 1,3-Butadiene	54	4.178	4.189 (0.454)	7045	0.50000	0.53	
6 Bromomethane	94	4.984	4.989 (0.541)	8670	0.50000	0.51	
7 Chloroethane	64	5.219	5.235 (0.567)	4946	0.50000	0.54	
8 Bromoethene	106	5.635	5.646 (0.612)	4719	0.50000	0.53(Q)	
9 Trichlorofluoromethane	101	5.720	5.731 (0.621)	37095	0.50000	0.50	
10 Freon TF	101	6.628	6.644 (0.720)	13907	0.50000	0.47	
11 1,1-Dichloroethene	96	6.702	6.719 (0.728)	4944	0.50000	0.51(Q)	
12 Acetone	43	6.905	6.889 (0.750)	35514	0.50000	1.2(a)	
13 Isopropyl Alcohol	45	7.055	7.039 (0.766)	8584	0.50000	0.62(a)	
14 Carbon Disulfide	76	7.071	7.087 (0.768)	15750	0.50000	0.50	
15 3-Chloropropene	41	7.290	7.290 (0.792)	10410	0.50000	0.51	

Data File: /chem/C.i/Csvr.p/ceatol5.b/cea005v.d
Report Date: 27-Apr-2006 20:44

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
16 Methylene Chloride	49	7.492	7.492	(0.814)	15414	0.50000	0.63(Q)
17 tert-Butyl Alcohol	59	7.604	7.583	(0.826)	12066	0.50000	0.54(a)
18 Methyl tert-Butyl Ether	73	7.754	7.754	(0.842)	22125	0.50000	0.46(a)
19 trans-1,2-Dichloroethene	61	7.791	7.791	(0.846)	13584	0.50000	0.49
20 n-Hexane	57	8.005	7.999	(0.870)	10173	0.50000	0.49(a)
21 1,1-Dichloroethane	63	8.346	8.341	(0.907)	14362	0.50000	0.48
M 22 1,2-Dichloroethene (total)	61				18481	1.00000	0.97
23 Methyl Ethyl Ketone	72	8.960	8.960	(0.973)	3105	0.50000	0.52(Q)
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.972)	4897	0.50000	0.48
* 25 Bromochloromethane	128	9.205	9.206	(1.000)	88971	10.0000	(Q)
26 Tetrahydrofuran	42	9.238	9.227	(0.918)	8397	0.50000	0.43(a)
27 Chloroform	83	9.238	9.232	(1.003)	20641	0.50000	0.48
28 1,1,1-Trichloroethane	97	9.419	9.414	(0.936)	23939	0.50000	0.42
29 Cyclohexane	84	9.408	9.414	(0.935)	7548	0.50000	0.44
30 Carbon Tetrachloride	117	9.542	9.542	(0.948)	26179	0.50000	0.43
31 2,2,4-Trimethylpentane	57	9.680	9.686	(0.962)	28544	0.50000	0.43(Q)
32 Benzene	78	9.755	9.755	(0.969)	14735	0.50000	0.46
33 1,2-Dichloroethane	62	9.819	9.819	(0.976)	20431	0.50000	0.43
34 n-Heptane	43	9.819	9.819	(0.976)	12937	0.50000	0.41
* 35 1,4-Difluorobenzene	114	10.065	10.065	(1.000)	495499	10.0000	
36 Trichloroethene	95	10.294	10.294	(1.023)	9124	0.50000	0.46
37 Methyl Methacrylate	69	10.513	10.513	(1.045)	5832	0.50000	0.41(aQ)
38 1,2-Dichloropropane	63	10.534	10.540	(1.047)	6025	0.50000	0.42(Q)
39 1,4-Dioxane	88	10.636	10.620	(1.057)	1271	0.50000	0.45(aQ)
40 Bromodichloromethane	83	10.737	10.737	(1.067)	22483	0.50000	0.44
41 cis-1,3-Dichloropropene	75	11.095	11.100	(1.102)	14034	0.50000	0.51
42 Methyl Isobutyl Ketone	43	11.175	11.175	(1.110)	19885	0.50000	0.44(a)
43 Toluene	92	11.346	11.351	(0.908)	10904	0.50000	0.53
44 trans-1,3-Dichloropropene	75	11.538	11.538	(1.146)	14446	0.50000	0.42
45 1,1,2-Trichloroethane	83	11.703	11.709	(0.936)	5556	0.50000	0.46(Q)
46 Tetrachloroethene	166	11.794	11.783	(0.944)	4289	0.50000	0.40(Q)
47 Methyl Butyl Ketone	43	11.826	11.826	(0.946)	18139	0.50000	0.46(a)
48 Dibromochloromethane	129	12.039	12.039	(0.963)	12047	0.50000	0.40
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	8730	0.50000	0.45
* 50 Chlorobenzene-d5	117	12.498	12.504	(1.000)	486337	10.0000	
51 Chlorobenzene	112	12.520	12.530	(1.002)	11630	0.50000	0.43(Q)
52 Ethylbenzene	91	12.541	12.541	(1.003)	24661	0.50000	0.39
53 Xylene (m,p)	106	12.637	12.632	(1.011)	14606	1.00000	0.82(Q)
54 Xylene (o)	106	12.989	12.995	(1.039)	7318	0.50000	0.43(Q)
M 55 Xylene (total)	106				21924	0.50000	1.3
56 Styrene	104	13.011	13.005	(1.041)	11156	0.50000	0.41(Q)
57 Bromoform	173	13.256	13.262	(1.061)	7805	0.50000	0.35
58 1,1,2,2-Tetrachloroethane	83	13.566	13.566	(1.085)	16229	0.50000	0.44
59 4-Ethyltoluene	105	13.699	13.699	(1.096)	24986	0.50000	0.37
60 1,3,5-Trimethylbenzene	105	13.742	13.742	(1.099)	22172	0.50000	0.36
61 2-Chlorotoluene	91	13.769	13.769	(1.102)	29698	0.50000	0.40
62 1,2,4-Trimethylbenzene	105	14.094	14.099	(1.128)	22592	0.50000	0.38

Data File: /chem/C.i/Csvr.p/ceato15.b/cea005v.d
 Report Date: 27-Apr-2006 20:44

Page 3

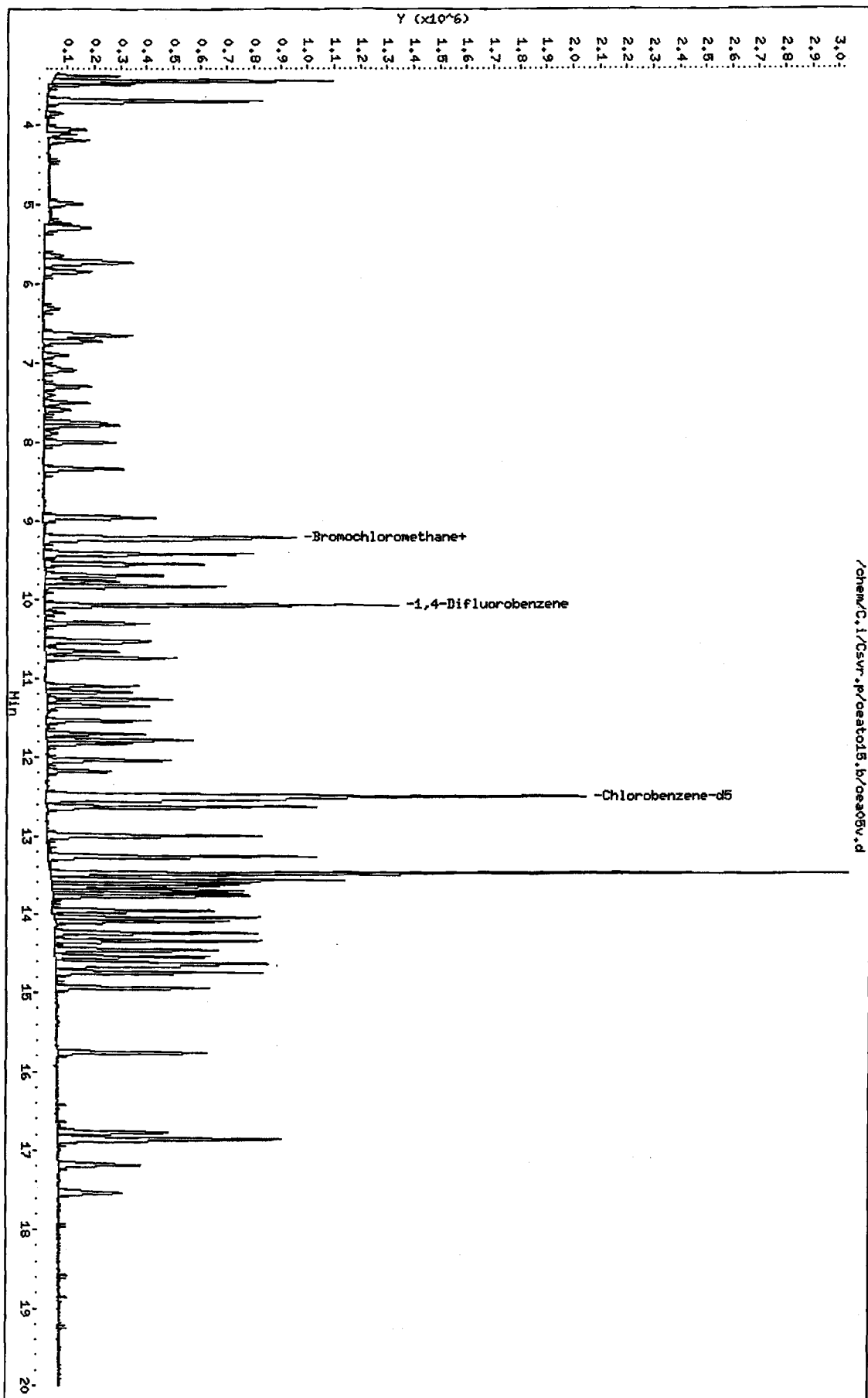
Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----	-----
63 1,3-Dichlorobenzene	146	14.462	14.457	(1.157)		9013	0.50000	0.40
64 1,4-Dichlorobenzene	146	14.548	14.542	(1.164)		8888	0.50000	0.41
65 1,2-Dichlorobenzene	146	14.937	14.943	(1.195)		8023	0.50000	0.39(Q)
66 1,2,4-Trichlorobenzene	180	16.773	16.773	(1.342)		5669	0.50000	0.42(a)
67 Hexachlorobutadiene	225	16.859	16.864	(1.349)		7083	0.50000	0.44
68 Naphthalene	128	17.184	17.184	(1.375)		16104	0.50000	0.42(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Csvr.p/ceat015.b/ceat05v.d
Date: 28-APR-2006 10:14
Client ID: ASTD005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.1
Operator: urd
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/ceato15.b/cea05v.d
 Report Date: 27-Apr-2006 20:44

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceato15.b/cea05v.d
 Lab Smp Id: ASTD005 Client Smp ID: ASTD005
 Inj Date : 25-APR-2006 10:14
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD005
 Comment :
 Method : /chem/C.i/Csvr.p/ceato15.b/ptol5.m
 Meth Date : 27-Apr-2006 20:44 jdl Quant Type: ISTD
 Cal Date : 25-APR-2006 10:14 Cal File: cea05v.d
 Als bottle: 3 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	924565	5.00000	5.4
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	478927	5.00000	5.3
3 Chloromethane	50	3.853	3.847	(0.418)	71644	5.00000	5.4
4 Vinyl Chloride	62	4.114	4.103	(0.447)	99183	5.00000	5.4
5 1,3-Butadiene	54	4.194	4.189	(0.456)	79400	5.00000	5.8
6 Bromomethane	94	4.989	4.989	(0.542)	90824	5.00000	5.1
7 Chloroethane	64	5.235	5.235	(0.569)	47212	5.00000	4.9
8 Bromoethene	106	5.640	5.646	(0.613)	44489	5.00000	4.8(Q)
9 Trichlorofluoromethane	101	5.731	5.731	(0.623)	382507	5.00000	5.0
10 Freon TF	101	6.638	6.644	(0.721)	155519	5.00000	5.0
11 1,1-Dichloroethene	96	6.719	6.719	(0.730)	49200	5.00000	4.9(Q)
12 Acetone	43	6.895	6.889	(0.749)	171510	5.00000	5.4
13 Isopropyl Alcohol	45	7.044	7.039	(0.765)	79973	5.00000	5.5
14 Carbon Disulfide	76	7.087	7.087	(0.770)	162683	5.00000	5.0
15 3-Chloropropene	41	7.290	7.290	(0.792)	107485	5.00000	5.1

Data File: /chem/C.i/Csvr.p/ceato15.b/cea05v.d
Report Date: 27-Apr-2006 20:44

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
16 Methylene Chloride	49	7.498	7.492	(0.814)	126674	5.00000	5.0
17 tert-Butyl Alcohol	59	7.594	7.583	(0.825)	129380	5.00000	5.5
18 Methyl tert-Butyl Ether	73	7.754	7.754	(0.842)	253601	5.00000	5.1
19 trans-1,2-Dichloroethene	61	7.791	7.791	(0.846)	144609	5.00000	5.0
20 n-Hexane	57	8.005	7.999	(0.870)	106510	5.00000	4.9
21 1,1-Dichloroethane	63	8.341	8.341	(0.906)	158666	5.00000	5.1
M 22 1,2-Dichloroethene (total)	61				195213	10.0000	9.8
23 Methyl Ethyl Ketone	72	8.960	8.960	(0.973)	27728	5.00000	4.5(Q)
24 cis-1,2-Dichloroethene	96	8.955	8.955	(0.973)	50604	5.00000	4.8
* 25 Bromochloromethane	128	9.206	9.206	(1.000)	92681	10.0000	(Q)
26 Tetrahydrofuran	42	9.227	9.227	(0.917)	96164	5.00000	4.8(a)
27 Chloroform	83	9.238	9.232	(1.003)	219108	5.00000	4.9
28 1,1,1-Trichloroethane	97	9.414	9.414	(0.935)	271310	5.00000	4.6
29 Cyclohexane	84	9.414	9.414	(0.935)	83932	5.00000	4.7
30 Carbon Tetrachloride	117	9.542	9.542	(0.948)	302949	5.00000	4.8
31 2,2,4-Trimethylpentane	57	9.681	9.686	(0.962)	324802	5.00000	4.7
32 Benzene	78	9.755	9.755	(0.969)	164244	5.00000	5.0
33 1,2-Dichloroethane	62	9.819	9.819	(0.976)	234900	5.00000	4.8
34 n-Heptane	43	9.819	9.819	(0.976)	148168	5.00000	4.6
* 35 1,4-Difluorobenzene	114	10.065	10.065	(1.000)	512796	10.0000	
36 Trichloroethene	95	10.300	10.294	(1.023)	95640	5.00000	4.6
37 Methyl Methacrylate	69	10.518	10.513	(1.045)	69269	5.00000	4.7(Q)
38 1,2-Dichloropropane	63	10.540	10.540	(1.047)	72072	5.00000	4.8(Q)
39 1,4-Dioxane	88	10.625	10.620	(1.056)	15352	5.00000	5.2
40 Bromodichloromethane	83	10.743	10.737	(1.067)	259649	5.00000	4.9
41 cis-1,3-Dichloropropene	75	11.100	11.100	(1.103)	129300	5.00000	4.5
42 Methyl Isobutyl Ketone	43	11.175	11.175	(1.110)	226349	5.00000	4.9
43 Toluene	92	11.351	11.351	(0.908)	106005	5.00000	4.7
44 trans-1,3-Dichloropropene	75	11.538	11.538	(1.146)	168493	5.00000	4.8
45 1,1,2-Trichloroethane	83	11.703	11.709	(0.936)	64811	5.00000	4.9
46 Tetrachloroethene	166	11.783	11.783	(0.942)	48024	5.00000	4.1(Q)
47 Methyl Butyl Ketone	43	11.826	11.826	(0.946)	217319	5.00000	5.0
48 Dibromochloromethane	129	12.039	12.039	(0.963)	156735	5.00000	4.7
49 1,2-Dibromoethane	107	12.178	12.173	(0.974)	107023	5.00000	5.1
* 50 Chlorobenzene-d5	117	12.504	12.504	(1.000)	532165	10.0000	
51 Chlorobenzene	112	12.525	12.530	(1.002)	139355	5.00000	4.7(Q)
52 Ethylbenzene	91	12.546	12.541	(1.003)	333653	5.00000	4.8
53 Xylene (m,p)	106	12.632	12.632	(1.010)	180803	10.0000	9.2(Q)
54 Xylene (o)	106	13.000	12.995	(1.040)	87543	5.00000	4.7(Q)
M 55 Xylene (total)	106				268346	5.00000	14
56 Styrene	104	13.011	13.005	(1.041)	137189	5.00000	4.6(Q)
57 Bromoform	173	13.262	13.262	(1.061)	113068	5.00000	4.7
58 1,1,2,2-Tetrachloroethane	83	13.566	13.566	(1.085)	197077	5.00000	4.9
59 4-Ethyltoluene	105	13.705	13.699	(1.096)	381617	5.00000	5.2
60 1,3,5-Trimethylbenzene	105	13.742	13.742	(1.099)	320374	5.00000	4.8
61 2-Chlorotoluene	91	13.774	13.769	(1.102)	406285	5.00000	5.0
62 1,2,4-Trimethylbenzene	105	14.099	14.099	(1.128)	321486	5.00000	5.0

Data File: /chem/C.i/Csvr.p/ceato15.b/cea05v.d
 Report Date: 27-Apr-2006 20:44

Page 3

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
63 1,3-Dichlorobenzene	146	14.462	14.457	(1.157)	115574	5.00000	4.7
64 1,4-Dichlorobenzene	146	14.548	14.542	(1.163)	115279	5.00000	4.8
65 1,2-Dichlorobenzene	146	14.943	14.943	(1.195)	111220	5.00000	4.9
66 1,2,4-Trichlorobenzene	180	16.779	16.773	(1.342)	71528	5.00000	4.9
67 Hexachlorobutadiene	225	16.869	16.864	(1.349)	85912	5.00000	4.9
68 Naphthalene	128	17.184	17.184	(1.374)	227329	5.00000	5.5

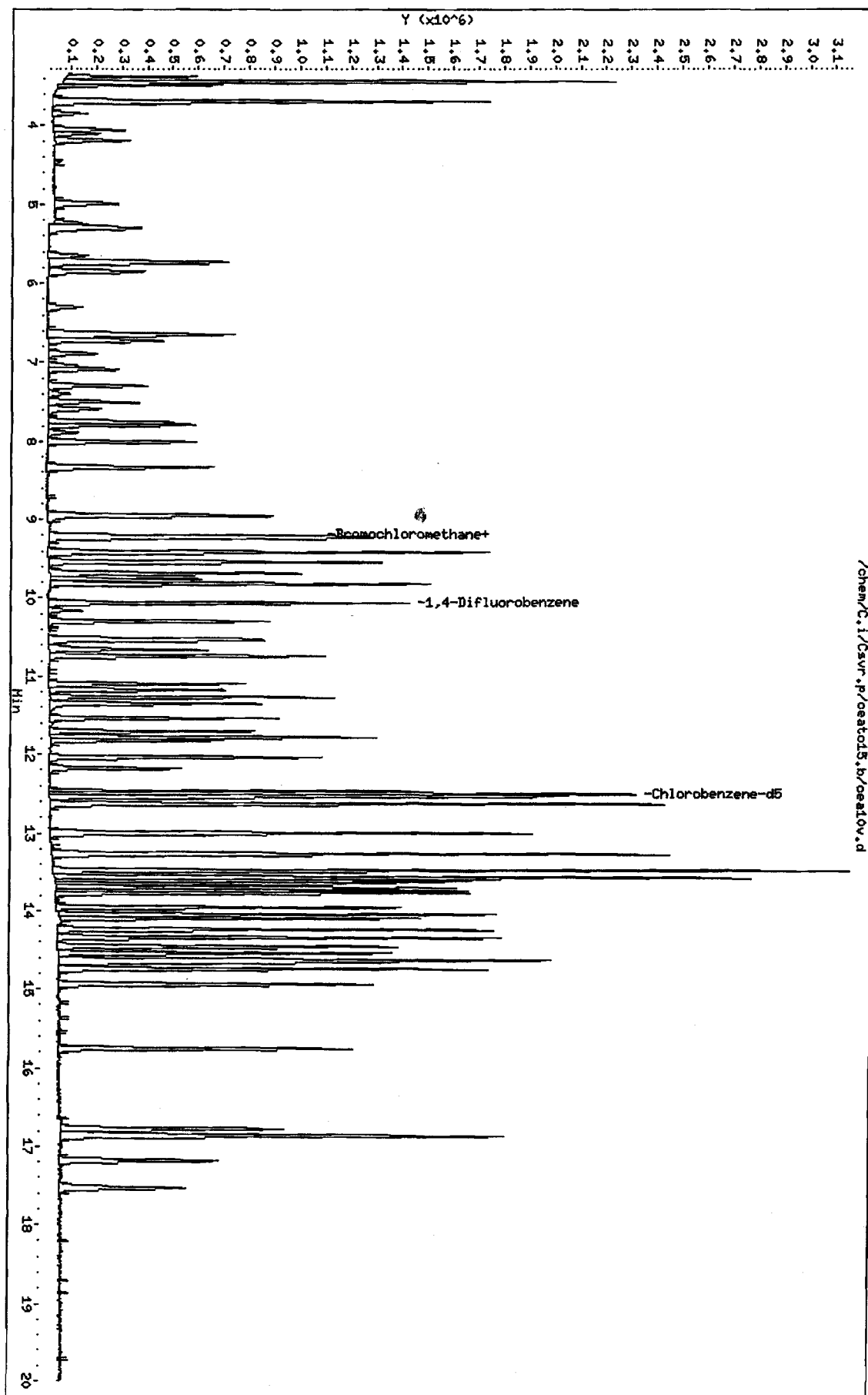
QC Flag Legend

- a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Csvr.p/ceat05.b/ceat0v.d
Date: 25-APR-2006 10:54
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column Phase: RTX-624

Instrument: C.1
Operator: wrd
Column diameter: 0.32

Page 4



Data File: /chem/C.i/Csvr.p/ceat015.b/ceal0v.d
 Report Date: 27-Apr-2006 20:44

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceat015.b/ceal0v.d
 Lab Smp Id: ASTD010 Client Smp ID: ASTD010
 Inj Date : 25-APR-2006 10:54
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD010
 Comment :
 Method : /chem/C.i/Csvr.p/ceat015.b/pt015.m
 Meth Date : 27-Apr-2006 20:44 jd1 Quant Type: ISTD
 Cal Date : 25-APR-2006 10:54 Cal File: ceal0v.d
 Als bottle: 4 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	1911891	10.0000	10
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	988406	10.0000	10
3 Chloromethane	50	3.847	3.847	(0.418)	144864	10.0000	10
4 Vinyl Chloride	62	4.103	4.103	(0.446)	198454	10.0000	9.9
5 1,3-Butadiene	54	4.189	4.189	(0.455)	156259	10.0000	10
6 Bromomethane	94	4.989	4.989	(0.542)	186627	10.0000	9.6
7 Chloroethane	64	5.235	5.235	(0.569)	98766	10.0000	9.5
8 Bromoethene	106	5.646	5.646	(0.613)	95346	10.0000	9.5(Q)
9 Trichlorofluoromethane	101	5.731	5.731	(0.623)	815415	10.0000	9.7
10 Freon TF	101	6.644	6.644	(0.722)	335021	10.0000	10
11 1,1-Dichloroethene	96	6.719	6.719	(0.730)	105734	10.0000	9.7(Q)
12 Acetone	43	6.889	6.889	(0.748)	348742	10.0000	10
13 Isopropyl Alcohol	45	7.039	7.039	(0.765)	165621	10.0000	10
14 Carbon Disulfide	76	7.087	7.087	(0.770)	356939	10.0000	10
15 3-Chloropropene	41	7.290	7.290	(0.792)	226680	10.0000	9.8

Data File: /chem/C.i/Csvr.p/ceat015.b/ceal0v.d
Report Date: 27-Apr-2006 20:44

Page 2

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
16 Methylene Chloride	49	7.492	7.492	(0.814)	260592	10.0000	9.4
17 tert-Butyl Alcohol	59	7.583	7.583	(0.824)	254276	10.0000	9.9
18 Methyl tert-Butyl Ether	73	7.754	7.754	(0.842)	532479	10.0000	9.8
19 trans-1,2-Dichloroethene	61	7.791	7.791	(0.846)	311943	10.0000	9.9
20 n-Hexane	57	7.999	7.999	(0.869)	233010	10.0000	9.8
21 1,1-Dichloroethane	63	8.341	8.341	(0.906)	336422	10.0000	9.8
M 22 1,2-Dichloroethene (total)	61				420465	20.0000	19
23 Methyl Ethyl Ketone	72	8.960	8.960	(0.973)	64799	10.0000	9.5(Q)
24 cis-1,2-Dichloroethene	96	8.955	8.955	(0.973)	108522	10.0000	9.4
* 25 Bromochloromethane	128	9.206	9.206	(1.000)	101269	10.0000	(Q)
26 Tetrahydrofuran	42	9.227	9.227	(0.917)	201794	10.0000	9.2
27 Chloroform	83	9.232	9.232	(1.003)	469305	10.0000	9.6
28 1,1,1-Trichloroethane	97	9.414	9.414	(0.935)	608326	10.0000	9.6
29 Cyclohexane	84	9.414	9.414	(0.935)	186934	10.0000	9.7
30 Carbon Tetrachloride	117	9.542	9.542	(0.948)	659695	10.0000	9.7
31 2,2,4-Trimethylpentane	57	9.686	9.686	(0.962)	722495	10.0000	9.7
32 Benzene	78	9.755	9.755	(0.969)	350690	10.0000	9.8
33 1,2-Dichloroethane	62	9.819	9.819	(0.976)	505367	10.0000	9.6
34 n-Heptane	43	9.819	9.819	(0.976)	334178	10.0000	9.5
* 35 1,4-Difluorobenzene	114	10.065	10.065	(1.000)	554697	10.0000	
36 Trichloroethene	95	10.294	10.294	(1.023)	213935	10.0000	9.6
37 Methyl Methacrylate	69	10.513	10.513	(1.045)	149254	10.0000	9.3(Q)
38 1,2-Dichloropropane	63	10.540	10.540	(1.047)	151801	10.0000	9.4(Q)
39 1,4-Dioxane	88	10.620	10.620	(1.055)	31136	10.0000	9.8
40 Bromodichloromethane	83	10.737	10.737	(1.067)	574569	10.0000	10
41 cis-1,3-Dichloropropene	75	11.100	11.100	(1.103)	286606	10.0000	9.3
42 Methyl Isobutyl Ketone	43	11.175	11.175	(1.110)	480872	10.0000	9.5
43 Toluene	92	11.351	11.351	(0.908)	228981	10.0000	9.2
44 trans-1,3-Dichloropropene	75	11.538	11.538	(1.146)	381445	10.0000	10
45 1,1,2-Trichloroethane	83	11.709	11.709	(0.936)	143828	10.0000	9.9
46 Tetrachloroethene	166	11.783	11.783	(0.942)	117637	10.0000	9.1
47 Methyl Butyl Ketone	43	11.826	11.826	(0.946)	476142	10.0000	10
48 Dibromochloromethane	129	12.039	12.039	(0.963)	359006	10.0000	9.8
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	224428	10.0000	9.6
* 50 Chlorobenzene-d5	117	12.504	12.504	(1.000)	587249	10.0000	
51 Chlorobenzene	112	12.530	12.530	(1.002)	311128	10.0000	9.6(Q)
52 Ethylbenzene	91	12.541	12.541	(1.003)	752283	10.0000	9.8
53 Xylene (m,p)	106	12.632	12.632	(1.010)	407466	20.0000	19(Q)
54 Xylene (o)	106	12.995	12.995	(1.039)	197608	10.0000	9.6(Q)
M 55 Xylene (total)	106				605074	10.0000	30
56 Styrene	104	13.005	13.005	(1.040)	318635	10.0000	9.6(Q)
57 Bromoform	173	13.262	13.262	(1.061)	276753	10.0000	10
58 1,1,2,2-Tetrachloroethane	83	13.566	13.566	(1.085)	425938	10.0000	9.6
59 4-Ethyltoluene	105	13.699	13.699	(1.096)	791646	10.0000	9.7
60 1,3,5-Trimethylbenzene	105	13.742	13.742	(1.099)	749400	10.0000	10
61 2-Chlorotoluene	91	13.769	13.769	(1.101)	868663	10.0000	9.7
62 1,2,4-Trimethylbenzene	105	14.099	14.099	(1.128)	697104	10.0000	9.8

Data File: /chem/C.i/Csvr.p/ceato15.b/cea10v.d
 Report Date: 27-Apr-2006 20:44

Page 3

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
=====	----	--	-----	-----	-----	-----	-----
63 1,3-Dichlorobenzene	146	14.457	14.457	(1.156)	257143	10.0000	9.5
64 1,4-Dichlorobenzene	146	14.542	14.542	(1.163)	250561	10.0000	9.5
65 1,2-Dichlorobenzene	146	14.943	14.943	(1.195)	250165	10.0000	10
66 1,2,4-Trichlorobenzene	180	16.773	16.773	(1.341)	154178	10.0000	9.5
67 Hexachlorobutadiene	225	16.864	16.864	(1.349)	184019	10.0000	9.5
68 Naphthalene	128	17.184	17.184	(1.374)	463024	10.0000	10

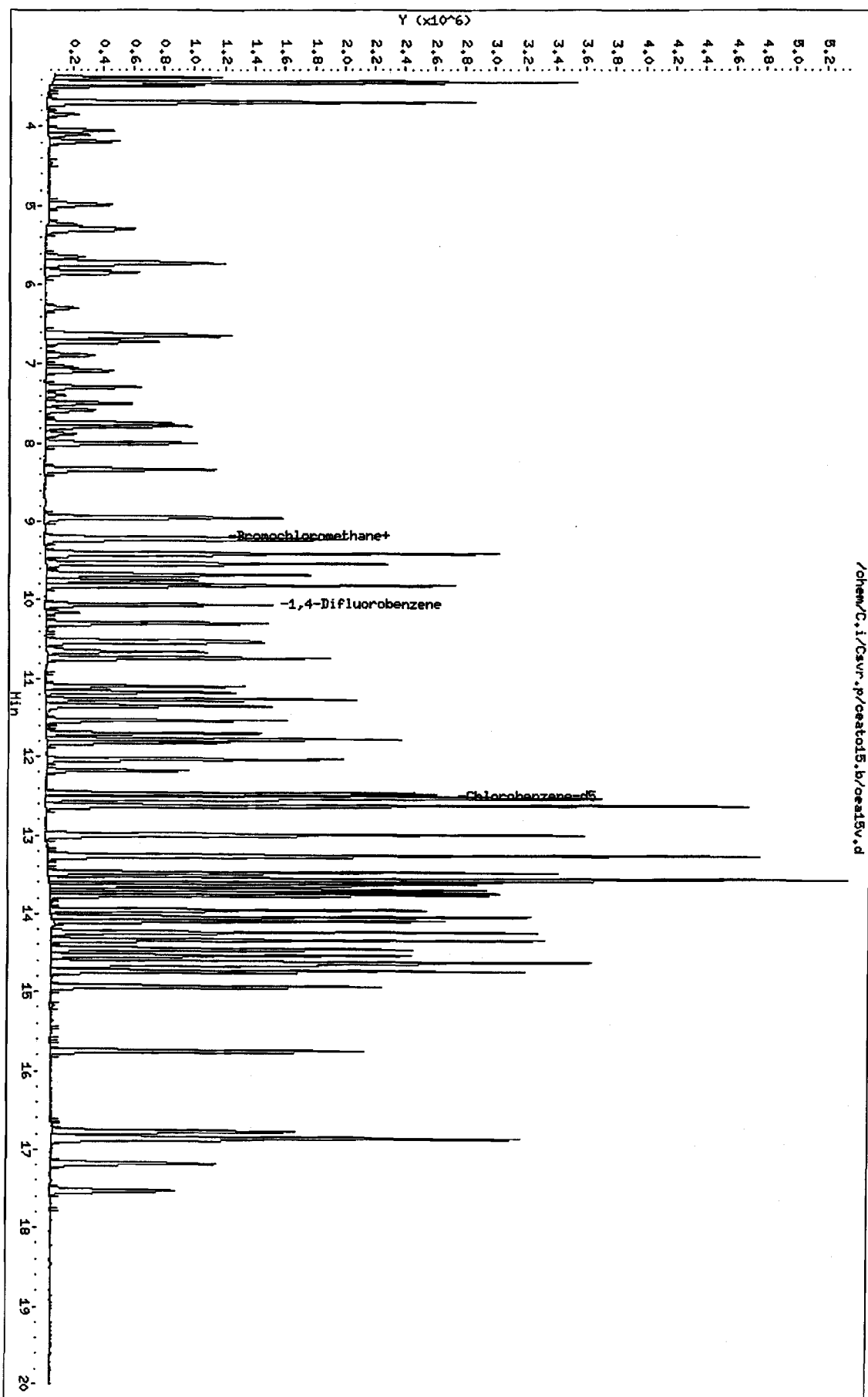
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cestd5.b/cestd5v.d
Date: 25-APR-2006 11:34
Client ID: ASTD015
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: und
Column diameter: 0.32

Page 4



Data File: /chem/C.i/Csvr.p/ceato15.b/ceal5v.d
 Report Date: 27-Apr-2006 20:44

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceato15.b/ceal5v.d
 Lab Smp Id: ASTD015 Client Smp ID: ASTD015
 Inj Date : 25-APR-2006 11:34
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD015
 Comment :
 Method : /chem/C.i/Csvr.p/ceato15.b/ptol5.m
 Meth Date : 27-Apr-2006 20:44 jd1 Quant Type: ISTD
 Cal Date : 25-APR-2006 11:34 Cal File: ceal5v.d
 Als bottle: 6 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	3098447	15.0000	15
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	1602495	15.0000	15
3 Chloromethane	50	3.847	3.847	(0.418)	229818	15.0000	15
4 Vinyl Chloride	62	4.109	4.103	(0.446)	318662	15.0000	15
5 1,3-Butadiene	54	4.189	4.189	(0.455)	252059	15.0000	16
6 Bromomethane	94	4.989	4.989	(0.542)	311446	15.0000	15
7 Chloroethane	64	5.235	5.235	(0.569)	168190	15.0000	15
8 Bromoethene	106	5.646	5.646	(0.613)	161259	15.0000	15(Q)
9 Trichlorofluoromethane	101	5.726	5.731	(0.622)	1371043	15.0000	15
10 Freon TF	101	6.644	6.644	(0.722)	572377	15.0000	16
11 1,1-Dichloroethene	96	6.719	6.719	(0.730)	174344	15.0000	15(Q)
12 Acetone	43	6.884	6.889	(0.748)	574602	15.0000	15
13 Isopropyl Alcohol	45	7.033	7.039	(0.764)	268264	15.0000	16
14 Carbon Disulfide	76	7.087	7.087	(0.770)	607956	15.0000	16
15 3-Chloropropene	41	7.290	7.290	(0.792)	388390	15.0000	16

Data File: /chem/C.i/Csvr.p/ceatol5.b/ceal5v.d
Report Date: 27-Apr-2006 20:44

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
16 Methylene Chloride	49	7.492	7.492	(0.814)	429111	15.0000	14
17 tert-Butyl Alcohol	59	7.583	7.583	(0.824)	439342	15.0000	16
18 Methyl tert-Butyl Ether	73	7.749	7.754	(0.842)	934883	15.0000	16
19 trans-1,2-Dichloroethene	61	7.791	7.791	(0.846)	532192	15.0000	16
20 n-Hexane	57	8.005	7.999	(0.870)	401577	15.0000	16
21 1,1-Dichloroethane	63	8.341	8.341	(0.906)	572710	15.0000	16
M 22 1,2-Dichloroethene (total)	61				722727	15.0000	31
23 Methyl Ethyl Ketone	72	8.955	8.960	(0.973)	112993	15.0000	15(Q)
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.972)	190535	15.0000	15
* 25 Bromochloromethane	128	9.206	9.206	(1.000)	108799	10.0000	(Q)
26 Tetrahydrofuran	42	9.222	9.227	(0.916)	354590	15.0000	15
27 Chloroform	83	9.232	9.232	(1.003)	814606	15.0000	15
28 1,1,1-Trichloroethane	97	9.414	9.414	(0.935)	1065256	15.0000	15
29 Cyclohexane	84	9.414	9.414	(0.935)	329574	15.0000	16
30 Carbon Tetrachloride	117	9.542	9.542	(0.948)	1140891	15.0000	15
31 2,2,4-Trimethylpentane	57	9.686	9.686	(0.962)	1279684	15.0000	16
32 Benzene	78	9.755	9.755	(0.969)	595776	15.0000	15
33 1,2-Dichloroethane	62	9.819	9.819	(0.976)	891020	15.0000	16
34 n-Heptane	43	9.819	9.819	(0.976)	602775	15.0000	16
* 35 1,4-Difluorobenzene	114	10.065	10.065	(1.000)	603030	10.0000	
36 Trichloroethene	95	10.294	10.294	(1.023)	371947	15.0000	15
37 Methyl Methacrylate	69	10.513	10.513	(1.045)	273856	15.0000	16(Q)
38 1,2-Dichloropropane	63	10.540	10.540	(1.047)	265634	15.0000	15(Q)
39 1,4-Dioxane	88	10.620	10.620	(1.055)	56316	15.0000	16
40 Bromodichloromethane	83	10.737	10.737	(1.067)	993859	15.0000	16
41 cis-1,3-Dichloropropene	75	11.100	11.100	(1.103)	503874	15.0000	15
42 Methyl Isobutyl Ketone	43	11.175	11.175	(1.110)	856850	15.0000	16
43 Toluene	92	11.351	11.351	(0.908)	413962	15.0000	15
44 trans-1,3-Dichloropropene	75	11.538	11.538	(1.146)	657847	15.0000	16
45 1,1,2-Trichloroethane	83	11.703	11.709	(0.936)	248755	15.0000	15
46 Tetrachloroethene	166	11.783	11.783	(0.942)	220270	15.0000	15
47 Methyl Butyl Ketone	43	11.826	11.826	(0.946)	845915	15.0000	16
48 Dibromochloromethane	129	12.039	12.039	(0.963)	654495	15.0000	16
49 1,2-Dibromoethane	107	12.178	12.173	(0.974)	403605	15.0000	16
* 50 Chlorobenzene-d5	117	12.504	12.504	(1.000)	651242	10.0000	
51 Chlorobenzene	112	12.530	12.530	(1.002)	558895	15.0000	15(Q)
52 Ethylbenzene	91	12.541	12.541	(1.003)	1387147	15.0000	16
53 Xylene (m,p)	106	12.632	12.632	(1.010)	772979	30.0000	32(Q)
54 Xylene (o)	106	12.995	12.995	(1.039)	361663	15.0000	16(Q)
M 55 Xylene (total)	106				1134642	15.0000	50
56 Styrene	104	13.011	13.005	(1.041)	599600	15.0000	16(Q)
57 Bromoform	173	13.262	13.262	(1.061)	566911	15.0000	19
58 1,1,2,2-Tetrachloroethane	83	13.566	13.566	(1.085)	780948	15.0000	16
59 4-Ethyltoluene	105	13.705	13.699	(1.096)	1548861	15.0000	17
60 1,3,5-Trimethylbenzene	105	13.742	13.742	(1.099)	1314743	15.0000	16
61 2-Chlorotoluene	91	13.774	13.769	(1.102)	1565012	15.0000	16
62 1,2,4-Trimethylbenzene	105	14.100	14.099	(1.128)	1288061	15.0000	16

Data File: /chem/C.i/Csvr.p/ceat015.b/ceal5v.d
 Report Date: 27-Apr-2006 20:44

Page 3

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
63 1,3-Dichlorobenzene	146	14.462	14.457	(1.157)	480737	15.0000	16
64 1,4-Dichlorobenzene	146	14.543	14.542	(1.163)	472390	15.0000	16
65 1,2-Dichlorobenzene	146	14.943	14.943	(1.195)	450190	15.0000	16
66 1,2,4-Trichlorobenzene	180	16.779	16.773	(1.342)	279650	15.0000	16
67 Hexachlorobutadiene	225	16.869	16.864	(1.349)	339860	15.0000	16
68 Naphthalene	128	17.184	17.184	(1.374)	816280	15.0000	16

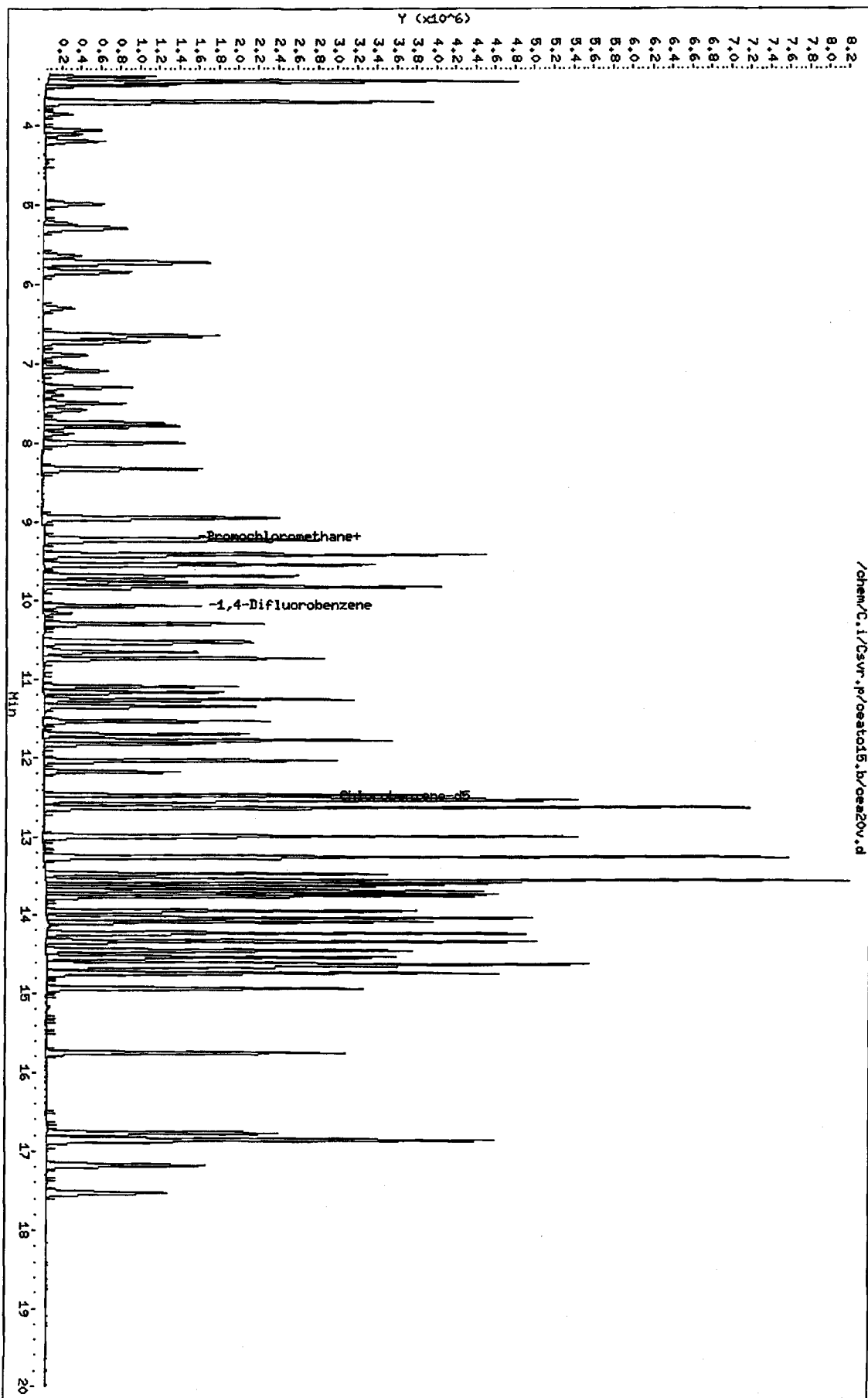
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Csvr.p/cestd5.b/cestdv.d
Date: 25-APR-2006 12:14
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.1
Operator: wrd
Column diameter: 0.32

Page 4



Data File: /chem/C.i/Csvr.p/ceato15.b/cea20v.d
 Report Date: 27-Apr-2006 20:44

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceato15.b/cea20v.d
 Lab Smp Id: ASTD020 Client Smp ID: ASTD020
 Inj Date : 25-APR-2006 12:14
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD020
 Comment :
 Method : /chem/C.i/Csvr.p/ceato15.b/ptol5.m
 Meth Date : 27-Apr-2006 20:44 jd1 Quant Type: ISTD
 Cal Date : 25-APR-2006 12:14 Cal File: cea20v.d
 Als bottle: 7 Calibration Sample, Level: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	4253100	20.0000	19
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	2205412	20.0000	19
3 Chloromethane	50	3.847	3.847	(0.418)	307041	20.0000	18
4 Vinyl Chloride	62	4.104	4.103	(0.446)	422804	20.0000	18
5 1,3-Butadiene	54	4.189	4.189	(0.455)	332412	20.0000	19
6 Bromomethane	94	4.989	4.989	(0.542)	435167	20.0000	19
7 Chloroethane	64	5.230	5.235	(0.568)	227976	20.0000	19
8 Bromoethene	106	5.646	5.646	(0.613)	231077	20.0000	20(Q)
9 Trichlorofluoromethane	101	5.726	5.731	(0.622)	1949807	20.0000	20
10 Freon TF	101	6.639	6.644	(0.721)	807143	20.0000	20
11 1,1-Dichloroethene	96	6.713	6.719	(0.729)	250773	20.0000	20(Q)
12 Acetone	43	6.884	6.889	(0.748)	798761	20.0000	20
13 Isopropyl Alcohol	45	7.033	7.039	(0.764)	354570	20.0000	19
14 Carbon Disulfide	76	7.082	7.087	(0.769)	864224	20.0000	21
15 3-Chloropropene	41	7.290	7.290	(0.792)	549292	20.0000	20

Data File: /chem/C.i/Csvr.p/ceato15.b/cea20v.d
Report Date: 27-Apr-2006 20:44

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
16 Methylene Chloride	49	7.492	7.492	(0.814)	602573	20.0000	19
17 tert-Butyl Alcohol	59	7.578	7.583	(0.823)	583622	20.0000	19
18 Methyl tert-Butyl Ether	73	7.743	7.754	(0.841)	1350183	20.0000	21
19 trans-1,2-Dichloroethene	61	7.786	7.791	(0.846)	755873	20.0000	20
20 n-Hexane	57	7.999	7.999	(0.869)	574857	20.0000	21
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	834602	20.0000	21
M 22 1,2-Dichloroethene (total)	61				1039797	40.0000	41
23 Methyl Ethyl Ketone	72	8.955	8.960	(0.973)	167468	20.0000	21(Q)
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.972)	283924	20.0000	21
* 25 Bromochloromethane	128	9.206	9.206	(1.000)	118818	10.0000	(Q)
26 Tetrahydrofuran	42	9.216	9.227	(0.916)	510740	20.0000	20
27 Chloroform	83	9.232	9.232	(1.003)	1184857	20.0000	21
28 1,1,1-Trichloroethane	97	9.408	9.414	(0.935)	1596806	20.0000	22
29 Cyclohexane	84	9.408	9.414	(0.935)	486918	20.0000	22
30 Carbon Tetrachloride	117	9.536	9.542	(0.948)	1687101	20.0000	21
31 2,2,4-Trimethylpentane	57	9.681	9.686	(0.962)	1894837	20.0000	22
32 Benzene	78	9.755	9.755	(0.970)	878981	20.0000	21
33 1,2-Dichloroethane	62	9.814	9.819	(0.976)	1327301	20.0000	22
34 n-Heptane	43	9.819	9.819	(0.976)	918497	20.0000	23
* 35 1,4-Difluorobenzene	114	10.059	10.065	(1.000)	638403	10.0000	
36 Trichloroethene	95	10.294	10.294	(1.023)	548026	20.0000	21
37 Methyl Methacrylate	69	10.513	10.513	(1.045)	400822	20.0000	22(Q)
38 1,2-Dichloropropane	63	10.540	10.540	(1.048)	394264	20.0000	21(Q)
39 1,4-Dioxane	88	10.620	10.620	(1.056)	70018	20.0000	19
40 Bromodichloromethane	83	10.737	10.737	(1.067)	1453421	20.0000	22
41 cis-1,3-Dichloropropene	75	11.095	11.100	(1.103)	734124	20.0000	21
42 Methyl Isobutyl Ketone	43	11.170	11.175	(1.110)	1230881	20.0000	21
43 Toluene	92	11.351	11.351	(0.908)	600162	20.0000	20
44 trans-1,3-Dichloropropene	75	11.538	11.538	(1.147)	964831	20.0000	22
45 1,1,2-Trichloroethane	83	11.703	11.709	(0.936)	363085	20.0000	21
46 Tetrachloroethene	166	11.783	11.783	(0.943)	347755	20.0000	22
47 Methyl Butyl Ketone	43	11.821	11.826	(0.946)	1215221	20.0000	21
48 Dibromochloromethane	129	12.034	12.039	(0.963)	997292	20.0000	22
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	599013	20.0000	21
* 50 Chlorobenzene-d5	117	12.498	12.504	(1.000)	711994	10.0000	
51 Chlorobenzene	112	12.525	12.530	(1.002)	858998	20.0000	22(Q)
52 Ethylbenzene	91	12.541	12.541	(1.003)	2069404	20.0000	22
53 Xylene (m,p)	106	12.632	12.632	(1.011)	1201287	40.0000	46(Q)
54 Xylene (o)	106	12.995	12.995	(1.040)	541723	20.0000	22(Q)
M 55 Xylene (total)	106				1743010	20.0000	70
56 Styrene	104	13.005	13.005	(1.041)	907580	20.0000	23(Q)
57 Bromoform	173	13.262	13.262	(1.061)	946829	20.0000	29
58 1,1,2,2-Tetrachloroethane	83	13.566	13.566	(1.085)	1171865	20.0000	22
59 4-Ethyltoluene	105	13.699	13.699	(1.096)	2215984	20.0000	23
60 1,3,5-Trimethylbenzene	105	13.742	13.742	(1.099)	2074131	20.0000	23
61 2-Chlorotoluene	91	13.769	13.769	(1.102)	2366979	20.0000	22
62 1,2,4-Trimethylbenzene	105	14.094	14.099	(1.128)	1914075	20.0000	22

Data File: /chem/C.i/Csvr.p/ceato15.b/cea20v.d
 Report Date: 27-Apr-2006 20:44

Page 3

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
63 1,3-Dichlorobenzene	146	14.457	14.457	(1.157)	726618	20.0000	22
64 1,4-Dichlorobenzene	146	14.543	14.542	(1.164)	714240	20.0000	22
65 1,2-Dichlorobenzene	146	14.937	14.943	(1.195)	667409	20.0000	22
66 1,2,4-Trichlorobenzene	180	16.773	16.773	(1.342)	428735	20.0000	22
67 Hexachlorobutadiene	225	16.864	16.864	(1.349)	511266	20.0000	22
68 Naphthalene	128	17.184	17.184	(1.375)	1201314	20.0000	22

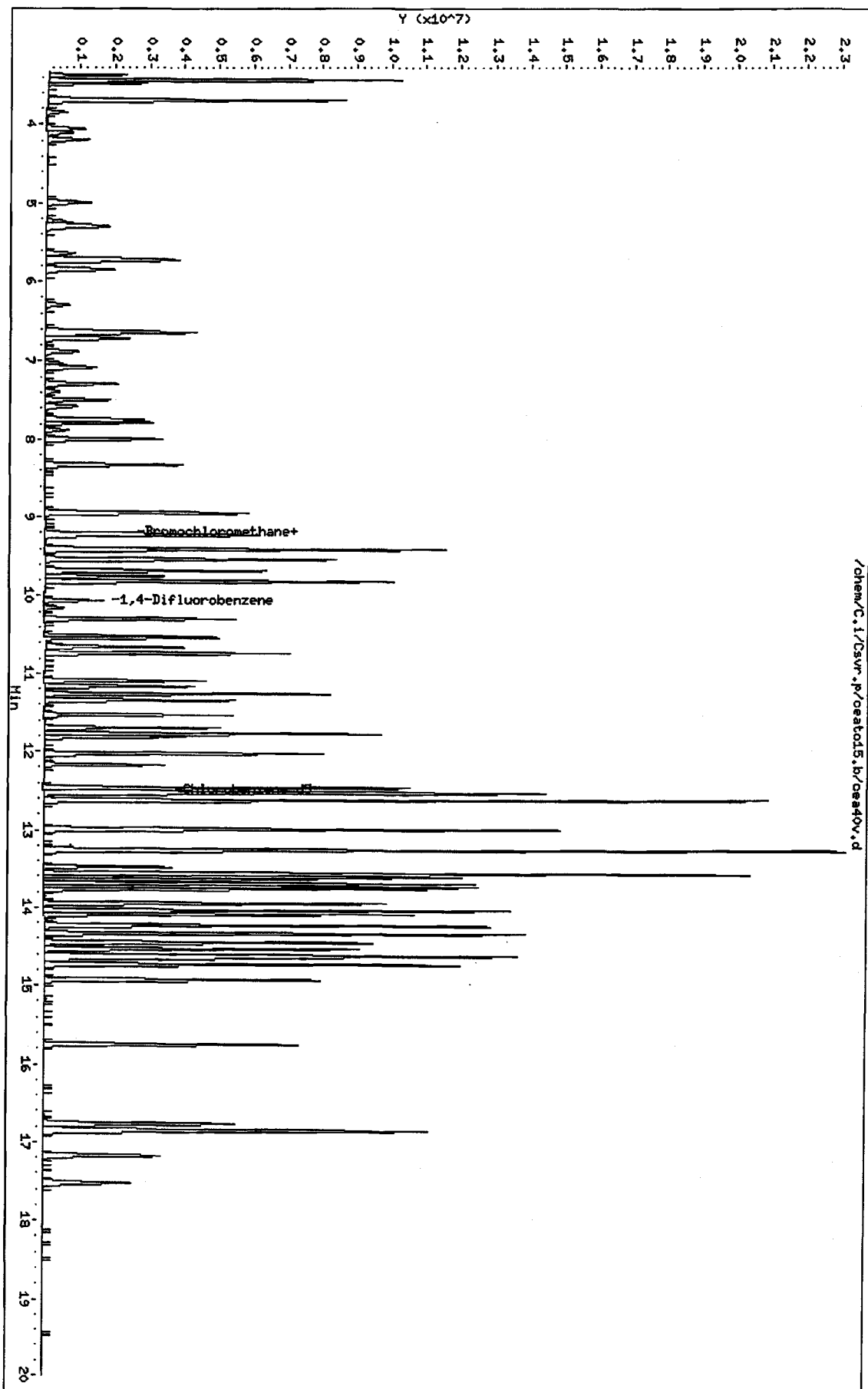
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Cswr.p/ceat05.b/ceat0v.d
Date: 25-APR-2006 12:54
Client ID: ASTD040
Sample Info:
Purge Volume: 200.0
Column Phase: RTX-624

Instrument: C.1
Operator: urd
Column diameter: 0.32

Page 4



Data File: /chem/C.i/Csvr.p/ceato15.b/cea40v.d
 Report Date: 27-Apr-2006 20:44

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceato15.b/cea40v.d
 Lab Smp Id: ASTD040 Client Smp ID: ASTD040
 Inj Date : 25-APR-2006 12:54
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD040
 Comment :
 Method : /chem/C.i/Csvr.p/ceato15.b/pto15.m
 Meth Date : 27-Apr-2006 20:44 jdl Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 8 Calibration Sample, Level: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	8917937	40.0000	35
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	4748507	40.0000	35
3 Chloromethane	50	3.847	3.847	(0.418)	616155	40.0000	31
4 Vinyl Chloride	62	4.109	4.103	(0.446)	856633	40.0000	31
5 1,3-Butadiene	54	4.194	4.189	(0.456)	660400	40.0000	32
6 Bromomethane	94	4.989	4.989	(0.542)	952037	40.0000	36
7 Chloroethane	64	5.235	5.235	(0.569)	473905	40.0000	33
8 Bromoethene	106	5.646	5.646	(0.613)	522006	40.0000	37(Q)
9 Trichlorofluoromethane	101	5.726	5.731	(0.622)	4432479	40.0000	38
10 Freon TF	101	6.639	6.644	(0.721)	1924541	40.0000	41(A)
11 1,1-Dichloroethene	96	6.713	6.719	(0.729)	572016	40.0000	38(Q)
12 Acetone	43	6.884	6.889	(0.748)	1704392	40.0000	36
13 Isopropyl Alcohol	45	7.034	7.039	(0.764)	743567	40.0000	34
14 Carbon Disulfide	76	7.082	7.087	(0.769)	1951047	40.0000	39
15 3-Chloropropene	41	7.290	7.290	(0.792)	1225077	40.0000	38

Data File: /chem/C.i/Csvr.p/ceato15.b/cea40v.d
Report Date: 27-Apr-2006 20:44

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
16 Methylene Chloride	49	7.492	7.492	(0.814)	1314939	40.0000	34
17 tert-Butyl Alcohol	59	7.578	7.583	(0.823)	1217230	40.0000	34
18 Methyl tert-Butyl Ether	73	7.743	7.754	(0.841)	3102368	40.0000	41(A)
19 trans-1,2-Dichloroethene	61	7.786	7.791	(0.846)	1748729	40.0000	40(A)
20 n-Hexane	57	8.005	7.999	(0.870)	1351950	40.0000	41(A)
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	1954178	40.0000	41(A)
M 22 1,2-Dichloroethene (total)	61				2443387	80.0000	84
23 Methyl Ethyl Ketone	72	8.955	8.960	(0.973)	400661	40.0000	43(AQ)
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.972)	694658	40.0000	44(A)
* 25 Bromochloromethane	128	9.206	9.206	(1.000)	139953	10.0000	(Q)
26 Tetrahydrofuran	42	9.216	9.227	(0.916)	1208947	40.0000	45(A)
27 Chloroform	83	9.232	9.232	(1.003)	2833146	40.0000	42(A)
28 1,1,1-Trichloroethane	97	9.408	9.414	(0.935)	4226683	40.0000	54(A)
29 Cyclohexane	84	9.414	9.414	(0.936)	1225611	40.0000	52(A)
30 Carbon Tetrachloride	117	9.537	9.542	(0.948)	4241423	40.0000	50(A)
31 2,2,4-Trimethylpentane	57	9.681	9.686	(0.962)	4675559	40.0000	51(A)
32 Benzene	78	9.750	9.755	(0.969)	2031865	40.0000	46(A)
33 1,2-Dichloroethane	62	9.819	9.819	(0.976)	3216270	40.0000	49(A)
34 n-Heptane	43	9.819	9.819	(0.976)	2300600	40.0000	53(A)
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	686629	10.0000	
36 Trichloroethene	95	10.294	10.294	(1.023)	1341402	40.0000	48(A)
37 Methyl Methacrylate	69	10.513	10.513	(1.045)	966776	40.0000	49(AQ)
38 1,2-Dichloropropane	63	10.535	10.540	(1.047)	935852	40.0000	47(AQ)
39 1,4-Dioxane	88	10.609	10.620	(1.055)	145513	40.0000	37
40 Bromodichloromethane	83	10.737	10.737	(1.067)	3549990	40.0000	50(A)
41 cis-1,3-Dichloropropene	75	11.095	11.100	(1.103)	1700244	40.0000	44(A)
42 Methyl Isobutyl Ketone	43	11.170	11.175	(1.110)	2811591	40.0000	45(A)
43 Toluene	92	11.346	11.351	(0.908)	1469921	40.0000	41(A)
44 trans-1,3-Dichloropropene	75	11.538	11.538	(1.147)	2285052	40.0000	48(A)
45 1,1,2-Trichloroethane	83	11.703	11.709	(0.936)	856863	40.0000	41(A)
46 Tetrachloroethene	166	11.783	11.783	(0.943)	1123851	40.0000	61(A)
47 Methyl Butyl Ketone	43	11.821	11.826	(0.946)	2789014	40.0000	41(A)
48 Dibromochloromethane	129	12.034	12.039	(0.963)	2753945	40.0000	53(A)
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	1492056	40.0000	45(A)
* 50 Chlorobenzene-d5	117	12.498	12.504	(1.000)	840107	10.0000	
51 Chlorobenzene	112	12.525	12.530	(1.002)	2395007	40.0000	51(A)
52 Ethylbenzene	91	12.536	12.541	(1.003)	5672212	40.0000	52(A)
53 Xylene (m,p)	106	12.627	12.632	(1.010)	3763810	80.0000	120(A)
54 Xylene (o)	106	12.995	12.995	(1.040)	1560676	40.0000	53(AQ)
M 55 Xylene (total)	106				5324486	40.0000	180(A)
56 Styrene	104	13.005	13.005	(1.041)	2634596	40.0000	55(A)
57 Bromoform	173	13.262	13.262	(1.061)	3798535	40.0000	99(A)
58 1,1,2,2-Tetrachloroethane	83	13.566	13.566	(1.085)	3061704	40.0000	48(A)
59 4-Ethyltoluene	105	13.699	13.699	(1.096)	6147224	40.0000	53(A)
60 1,3,5-Trimethylbenzene	105	13.742	13.742	(1.099)	5723458	40.0000	54(A)
61 2-Chlorotoluene	91	13.769	13.769	(1.102)	6204882	40.0000	48(A)
62 1,2,4-Trimethylbenzene	105	14.094	14.099	(1.128)	5059226	40.0000	50(A)

Data File: /chem/C.i/Csvr.p/ceato15.b/cea40v.d
 Report Date: 27-Apr-2006 20:44

Page 3

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
63 1,3-Dichlorobenzene	146	14.457	14.457	(1.157)	2020376	40.0000	52(A)
64 1,4-Dichlorobenzene	146	14.543	14.542	(1.164)	1991630	40.0000	53(A)
65 1,2-Dichlorobenzene	146	14.937	14.943	(1.195)	1761881	40.0000	50(A)
66 1,2,4-Trichlorobenzene	180	16.773	16.773	(1.342)	1050901	40.0000	45(A)
67 Hexachlorobutadiene	225	16.864	16.864	(1.349)	1402647	40.0000	51(A)
68 Naphthalene	128	17.184	17.184	(1.375)	2542766	40.0000	39

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.

Report Date : 27-Apr-2006 20:38

Page 1

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceato15.b/pto15.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Calibration File Names:

Level 1: /chem/C.i/Csvr.p/ceato15.b/cea002v.d
 Level 2: /chem/C.i/Csvr.p/ceato15.b/cea005v.d
 Level 4: /chem/C.i/Csvr.p/ceato15.b/cea05v.d
 Level 5: /chem/C.i/Csvr.p/ceato15.b/cea10v.d
 Level 6: /chem/C.i/Csvr.p/ceato15.b/cea15v.d
 Level 7: /chem/C.i/Csvr.p/ceato15.b/cea20v.d
 Level 8: /chem/C.i/Csvr.p/ceato15.b/cea40v.d

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
1 Dichlorodifluoromethane	+++++ 15.93024	19.37328	19.95155	18.87933	+++++ 17.89754		18.40638	8.563
2 1,2-Dichlorotetrafluoroethane	10.30939 8.48232	10.03383	10.33496	9.76020	+++++ 9.28063		9.70024	7.360
3 Chloromethane	+++++ 1.10065	1.79047	1.54603	1.43049	+++++ 1.29206		1.43196	18.176
4 Vinyl Chloride	2.20993 1.53022	2.29446	2.14031	1.95967	+++++ 1.77921		1.98564	14.602
5 1,3-Butadiene	+++++ 1.17968	1.58366	1.71340	1.54301	+++++ 1.39883		1.48373	13.727
6 Bromomethane	2.17925 1.70064	1.94895	1.95993	1.84288	+++++ 1.83123		1.91050	8.474

Report Date : 27-Apr-2006 20:38

Page 2

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceato15.b/ptol5.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
7 Chloroethane	1.26574 0.84654	1.11182	1.01881	0.97528	++++	0.95935	1.02961	14.011
8 Bromoethene	1.10837 0.93247	1.06080	0.96005	0.94151	++++	0.97240	0.99593	7.196
9 Trichlorofluoromethane	9.04309 7.91780	8.33867	8.25427	8.05197	++++	8.20502	8.30180	4.734
10 Freon TF	3.31432 3.43783	3.12619	3.35601	3.30823	++++	3.39655	3.32321	3.259
11 1,1-Dichloroethene	1.18109 1.02180	1.11137	1.06171	1.04409	++++	1.05528	1.07924	5.376
12 Acetone	++++ 3.04458	++++	3.70108	3.44372	3.52088	3.36128	3.41431	7.084
13 Isopropyl Alcohol	++++ 1.32824	++++	1.72577	1.63546	1.64379	1.49207	1.56507	10.021
14 Carbon Disulfide	++++ 3.48518	3.54048	3.51060	3.52466	++++	3.63676	3.53955	1.639
15 3-Chloropropene	++++ 2.18837	2.34009	2.31946	2.23839	++++	2.31148	2.27958	2.800

Report Date : 27-Apr-2006 20:38

Page 3

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceato15.b/ptol5.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
16 Methylene Chloride	++++ 2.34889	3.46495	2.73355	2.57327	++++ 2.53570		2.73129	15.831
17 tert-Butyl Alcohol	++++ 2.17435	++++	2.79194	2.51090	2.69207	2.45595	2.52504	9.436
18 Methyl tert-Butyl Ether	++++ 5.54180	4.97353	5.47256	5.25807	++++	5.68173	5.38556	5.132
19 trans-1,2-Dichloroethene	3.09560 3.12378	3.05358	3.12057	3.08034	++++	3.18080	3.10913	1.407
20 n-Hexane	++++ 2.41501	2.28681	2.29842	2.30090	++++	2.41907	2.34408	2.851
21 1,1-Dichloroethane	3.32284 3.49078	3.22847	3.42392	3.32206	++++	3.51210	3.38338	3.268
M 22 1,2-Dichloroethene (total)	2.11164 2.18233	2.07731	2.10629	2.07598	++++	2.18779	2.12356	2.347
23 Methyl Ethyl Ketone	++++ 0.71571	0.69798	0.59835	0.63987	++++	0.70472	0.67136	7.492
24 cis-1,2-Dichloroethene	1.12769 1.24088	1.10081	1.09200	1.07162	++++	1.19479	1.13799	5.804

Report Date : 27-Apr-2006 20:38

Page 4

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceato15.b/ptol5.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Compound	0.20000	0.50000	5.000	10.000	15.000	20.000	RRF	% RSD
	Level 1	Level 2	Level 4	Level 5	Level 6	Level 7		
	40.000							
	Level 8							
26 Tetrahydrofuran	++++	++++	0.37506	0.36379	0.39201	0.40001	0.39421	7.443
	0.44017							
27 Chloroform	5.02716	4.63994	4.72822	4.63424	++++	4.98602	4.84610	4.124
	5.06089							
28 1,1,1-Trichloroethane	0.97072	0.96626	1.05816	1.09668	++++	1.25063	1.14690	19.043
	1.53893							
29 Cyclohexane	0.28002	0.30466	0.32735	0.33700	++++	0.38136	0.34611	17.234
	0.44624							
30 Carbon Tetrachloride	1.09168	1.05667	1.18156	1.18929	++++	1.32134	1.23081	14.547
	1.54429							
31 2,2,4-Trimethylpentane	1.16463	1.15213	1.26679	1.30250	++++	1.48404	1.34541	15.756
	1.70236							
32 Benzene	0.57459	0.59475	0.64058	0.63222	++++	0.68842	0.64507	9.438
	0.73980							
33 1,2-Dichloroethane	0.84798	0.82466	0.91615	0.91107	++++	1.03955	0.95174	13.750
	1.17104							
34 n-Heptane	0.54678	0.52218	0.57788	0.60245	++++	0.71937	0.63439	19.048
	0.83764							

Report Date : 27-Apr-2006 20:38

Page 5

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceatol5.b/pto15.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
36 Trichloroethene	0.37316 0.48840	0.36828	0.37301	0.38568	+++++	0.42922	0.40296	11.785
37 Methyl Methacrylate	+++++ 0.35200	0.23540	0.27016	0.26907	+++++	0.31393	0.28812	15.723
38 1,2-Dichloropropane	0.29724 0.34074	0.24319	0.28109	0.27366	+++++	0.30879	0.29079	11.416
39 1,4-Dioxane	+++++ 0.05298	+++++	0.05988	0.05613	0.06226	0.05484	0.05722	6.613
40 Bromodichloromethane	0.81561 1.29254	0.90749	1.01268	1.03582	+++++	1.13833	1.03375	16.295
41 cis-1,3-Dichloropropene	0.55875 0.61905	0.56646	0.50429	0.51669	+++++	0.57497	0.55671	7.479
42 Methyl Isobutyl Ketone	+++++ 1.02369	0.80263	0.88280	0.86691	+++++	0.96403	0.90802	9.529
43 Toluene	0.45993 0.43742	0.44841	0.39839	0.38992	+++++	0.42147	0.42592	6.531
44 trans-1,3-Dichloropropene	0.62923 0.83198	0.58309	0.65715	0.68766	+++++	0.75566	0.69080	13.056

Report Date : 27-Apr-2006 20:38

Page 6

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceato15.b/pto15.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Compound	0.20000	0.50000	5.000	10.000	15.000	20.000	RRF	± RSD
	Level 1	Level 2	Level 4	Level 5	Level 6	Level 7		
	40.000							
	Level 8							
45 1,1,2-Trichloroethane	0.26435	0.22848	0.24357	0.24492	++++	0.25498		
	0.25499						0.24856	4.998
46 Tetrachloroethene	0.18036	0.17638	0.18049	0.20032	++++	0.24421		
	0.33444						0.21937	28.174
47 Methyl Butyl Ketone	++++	0.74594	0.81674	0.81080	++++	0.85339		
	0.82996						0.81137	4.938
48 Dibromochloromethane	0.52328	0.49542	0.58905	0.61134	++++	0.70035		
	0.81952						0.62316	19.271
49 1,2-Dibromoethane	0.37377	0.35901	0.40222	0.38217	++++	0.42066		
	0.44401						0.39698	7.964
51 Chlorobenzene	0.47558	0.47827	0.52373	0.52981	++++	0.60323		
	0.71271						0.55389	16.348
52 Ethylbenzene	1.17433	1.01415	1.25395	1.28103	++++	1.45325		
	1.68794						1.31078	17.835
53 Xylene (m,p)	0.23926	0.30033	0.33975	0.34693	++++	0.42180		
	0.56002						0.36802	30.298 <-
54 Xylene (o)	0.28413	0.30094	0.32901	0.33650	++++	0.38043		
	0.46443						0.34924	18.725

Report Date : 27-Apr-2006 20:38

Page 7

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceato15.b/pto15.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
M 55 Xylene (total)	0.28413 0.46443	0.30094	0.32901	0.33650	+++++	0.38043	0.34924	18.725
56 Styrene	0.45732 0.78401	0.45878	0.51559	0.54259	+++++	0.63735	0.56594	22.212
57 Bromoform	0.26479 +++++	0.32097	0.42494	0.47127	0.58034	0.66491	0.45454	33.377 <-
58 1,1,2,2-Tetrachloroethane	0.65844 0.91111	0.66740	0.74066	0.72531	+++++	0.82295	0.75431	12.862
59 4-Ethyltoluene	1.10131 1.82930	1.02752	1.43421	1.34806	+++++	1.55618	1.38277	21.422
60 1,3,5-Trimethylbenzene	1.04764 1.70319	0.91180	1.20404	1.27612	+++++	1.45656	1.26656	22.457
61 2-Chlorotoluene	1.43847 1.84646	1.22129	1.52691	1.47921	+++++	1.66222	1.52910	13.838
62 1,2,4-Trimethylbenzene	1.08936 1.50553	0.92907	1.20822	1.18707	+++++	1.34417	1.21057	16.494
63 1,3-Dichlorobenzene	0.40680 0.60123	0.37065	0.43435	0.43788	+++++	0.51027	0.46020	18.031

Report Date : 27-Apr-2006 20:38

Page 8

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
 End Cal Date : 25-APR-2006 12:54
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP RTE
 Method file : /chem/C.i/Csvr.p/ceato15.b/pto15.m
 Cal Date : 27-Apr-2006 20:33 dmw
 Curve Type : Average

Compound	0.20000 Level 1	0.50000 Level 2	5.000 Level 4	10.000 Level 5	15.000 Level 6	20.000 Level 7	RRF	% RSD
	40.000 Level 8							
64 1,4-Dichlorobenzene	0.36301 0.59267	0.36551	0.43325	0.42667	++++	0.50158	0.44711	19.625
65 1,2-Dichlorobenzene	0.37040 0.52430	0.32994	0.41799	0.42599	++++	0.46869	0.42289	16.317
66 1,2,4-Trichlorobenzene	++++ 0.31273	0.23313	0.26882	0.26254	++++	0.30108	0.27566	11.538
67 Hexachlorobutadiene	0.27457 0.41740	0.29128	0.32288	0.31336	++++	0.35904	0.32976	15.686
68 Naphthalene	++++ 0.75668	0.66226	0.85436	0.78846	++++	0.84363	0.78108	9.927

Report Date : 27-Apr-2006 20:38

Page 9

STL Burlington

INITIAL CALIBRATION DATA

Start Cal Date : 25-APR-2006 08:54
End Cal Date : 25-APR-2006 12:54
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/C.i/Csvr.p/ceato15.b/pto15.m
Cal Date : 27-Apr-2006 20:33 dmw
Curve Type : Average

Average %RSD Results.

Calculated Average %RSD = 12.31479

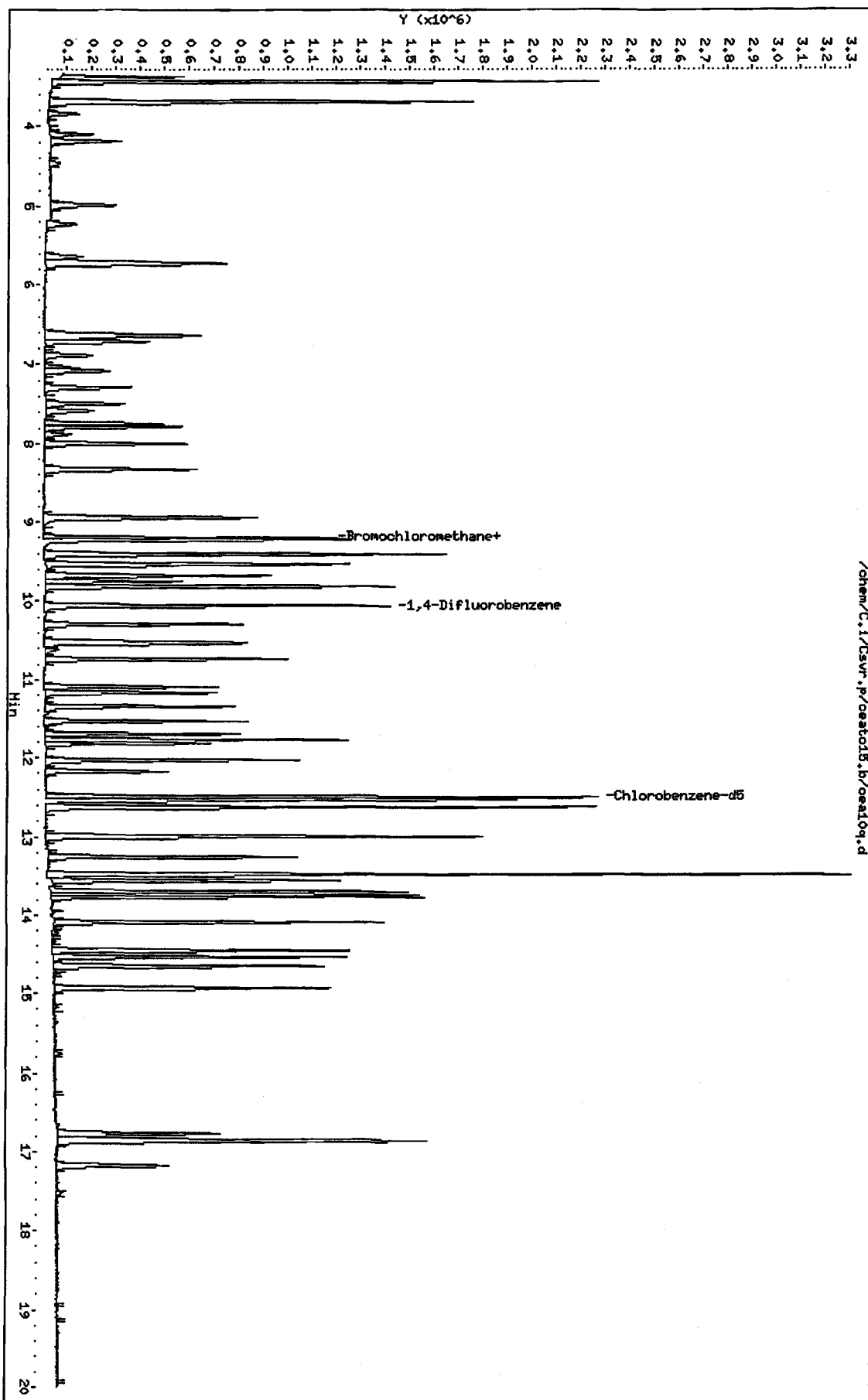
Maximum Average %RSD = 0.000e+00

* Failed Average %RSD Test.

Data File: /chem/C.i/Csvr.p/ceat015.b/ceat01q.d
Date: 25-APR-2006 14:25
Client ID: CEICVLC5
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: wrd
Column diameter: 0.32

Page 6



Data File: /chem/C.i/Csvr.p/ceato15.b/ceal0q.d
 Report Date: 27-Apr-2006 20:43

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceato15.b/ceal0q.d
 Lab Smp Id: CEAICVLCS Client Smp ID: CEAICVLCS
 Inj Date : 25-APR-2006 14:25
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : LCSCEA;042506CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/ceato15.b/ptol5.m
 Meth Date : 27-Apr-2006 20:41 jdl Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 9 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ppbv) (ppbv)
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	1947288	10.7601	11
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	1004377	10.5310	11
3 Chloromethane	50	3.847	3.847	(0.418)	145792	10.3553	10
4 Vinyl Chloride	62	4.104	4.103	(0.446)	202880	10.3919	10
5 1,3-Butadiene	54	4.189	4.189	(0.455)	154376	10.5824	11
6 Bromomethane	94	4.984	4.989	(0.542)	203865	10.8531	11
7 Chloroethane	64	5.235	5.235	(0.569)	104683	10.3411	10
8 Bromoethene	106	5.641	5.646	(0.613)	93216	9.51951	9.5(Q)
9 Trichlorofluoromethane	101	5.726	5.731	(0.622)	838013	10.2667	10
10 Freon TF	101	6.639	6.644	(0.722)	314004	9.61023	9.6
11 1,1-Dichloroethene	96	6.713	6.719	(0.730)	97291	9.16885	9.2(Q)
12 Acetone	43	6.884	6.889	(0.748)	342650	10.2071	10
13 Isopropyl Alcohol	45	7.039	7.039	(0.765)	156586	10.1759	10
14 Carbon Disulfide	76	7.082	7.087	(0.770)	353838	10.1674	10
15 3-Chloropropene	41	7.284	7.290	(0.792)	219355	9.78701	9.8

Data File: /chem/C.i/Csvr.p/ceat015.b/ceal0q.d
Report Date: 27-Apr-2006 20:43

Page 2

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
-----	----	--	-----	-----	-----	-----	-----
16 Methylene Chloride	49	7.487	7.492	(0.814)	249124	9.27693	9.3
17 tert-Butyl Alcohol	59	7.578	7.583	(0.824)	245821	9.90157	9.9
18 Methyl tert-Butyl Ether	73	7.749	7.754	(0.842)	541626	10.2288	10
19 trans-1,2-Dichloroethene	61	7.786	7.791	(0.846)	298841	9.77592	9.8
20 n-Hexane	57	8.000	7.999	(0.869)	234264	10.1647	10
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	323406	9.72195	9.7
M 22 1,2-Dichloroethene (total)	61				403115	19.0956	19
23 Methyl Ethyl Ketone	72	8.949	8.960	(0.973)	59392	8.99803	9.0(Q)
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.973)	104274	9.31969	9.3
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	98321	10.0000	(Q)
26 Tetrahydrofuran	42	9.222	9.227	(0.917)	195268	8.81760	8.8
27 Chloroform	83	9.227	9.232	(1.003)	455874	9.56772	9.6
28 1,1,1-Trichloroethane	97	9.408	9.414	(0.935)	569532	8.83976	8.8
29 Cyclohexane	84	9.408	9.414	(0.935)	177127	9.11008	9.1
30 Carbon Tetrachloride	117	9.537	9.542	(0.948)	628027	9.08312	9.1
31 2,2,4-Trimethylpentane	57	9.681	9.686	(0.962)	681271	9.01388	9.0
32 Benzene	78	9.750	9.755	(0.969)	326994	9.02371	9.0
33 1,2-Dichloroethane	62	9.814	9.819	(0.976)	488015	9.12767	9.1
34 n-Heptane	43	9.814	9.819	(0.976)	311453	8.73949	8.7
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	561764	10.0000	
36 Trichloroethene	95	10.289	10.294	(1.023)	199475	8.81200	8.8
37 Methyl Methacrylate	69	10.508	10.513	(1.045)	146423	9.04678	9.0(Q)
38 1,2-Dichloropropane	63	10.529	10.540	(1.047)	145932	8.93350	8.9(Q)
39 1,4-Dioxane	88	10.615	10.620	(1.055)	26646	8.28996	8.3
40 Bromodichloromethane	83	10.737	10.737	(1.067)	518161	8.92271	8.9
41 cis-1,3-Dichloropropene	75	11.095	11.100	(1.103)	273442	8.74354	8.7
42 Methyl Isobutyl Ketone	43	11.170	11.175	(1.110)	476584	9.34316	9.3
43 Toluene	92	11.346	11.351	(0.908)	211231	8.75040	8.8
44 trans-1,3-Dichloropropene	75	11.533	11.538	(1.146)	362981	9.35362	9.4
45 1,1,2-Trichloroethane	83	11.698	11.709	(0.936)	141776	10.0645	10
46 Tetrachloroethene	166	11.778	11.783	(0.942)	105723	8.50358	8.5(Q)
47 Methyl Butyl Ketone	43	11.821	11.826	(0.946)	465046	10.1130	10
48 Dibromochloromethane	129	12.034	12.039	(0.963)	332223	9.40662	9.4
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	215930	9.59745	9.6
* 50 Chlorobenzene-d5	117	12.499	12.504	(1.000)	566758	10.0000	
51 Chlorobenzene	112	12.525	12.530	(1.002)	290645	9.25857	9.3(Q)
52 Ethylbenzene	91	12.536	12.541	(1.003)	693740	9.33837	9.3
53 Xylene (m,p)	106	12.627	12.632	(1.010)	382190	18.3239	18(Q)
54 Xylene (o)	106	12.990	12.995	(1.039)	183598	9.27573	9.3(Q)
M 55 Xylene (total)	106				565788	28.5847	29
56 Styrene	104	13.006	13.005	(1.041)	302466	9.42995	9.4(Q)
57 Bromoform	173	13.256	13.262	(1.061)	237683	9.22639	9.2
58 1,1,2,2-Tetrachloroethane	83	13.561	13.566	(1.085)	378105	8.84433	8.8(Q)
59 4-Ethyltoluene	105	13.699	13.699	(1.096)	776300	9.90568	9.9
60 1,3,5-Trimethylbenzene	105	13.737	13.742	(1.099)	659802	9.19159	9.2
61 2-Chlorotoluene	91	13.769	13.769	(1.102)	809365	9.33927	9.3
62 1,2,4-Trimethylbenzene	105	14.094	14.099	(1.128)	644180	9.38902	9.4

Data File: /chem/C.i/Csvr.p/ceato15.b/ceal0q.d
 Report Date: 27-Apr-2006 20:43

Page 3

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
63 1,3-Dichlorobenzene	146	14.452	14.457	(1.156)	235514	9.02977	9.0
64 1,4-Dichlorobenzene	146	14.537	14.542	(1.163)	224107	8.84382	8.8
65 1,2-Dichlorobenzene	146	14.937	14.943	(1.195)	222931	9.30143	9.3
66 1,2,4-Trichlorobenzene	180	16.773	16.773	(1.342)	114038	7.29924	7.3
67 Hexachlorobutadiene	225	16.864	16.864	(1.349)	154876	8.28699	8.3
68 Naphthalene	128	17.179	17.184	(1.374)	341789	7.72088	7.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/ceat015.b/ceal0q.d
Report Date: 27-Apr-2006 20:43

Page 4

STL Burlington

RECOVERY REPORT

Client Name: Client SDG: ceat015
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: CEAICVLCS Client Smp ID: CEAICVLCS
Level: LOW Operator: wrd
Data Type: MS DATA SampleType: LCS
SpikeList File: all.spk Quant Type: ISTD
Sublist File: all.sub
Method File: /chem/C.i/Csvr.p/ceat015.b/pt015.m
Misc Info: LCSCEA;042506CA;1;200

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1 Dichlorodifluorome	10	11	107.60	70-130
2 1,2-Dichlorotetra	10	11	105.31	70-130
3 Chloromethane	10	10	103.55	70-130
4 Vinyl Chloride	10	10	103.92	70-130
5 1,3-Butadiene	10	11	105.82	70-130
6 Bromomethane	10	11	108.53	70-130
7 Chloroethane	10	10	103.41	70-130
8 Bromoethene	10	9.5	95.20	70-130
9 Trichlorofluoromet	10	10	102.67	70-130
10 Freon TF	10	9.6	96.10	70-130
11 1,1-Dichloroethene	10	9.2	91.69	70-130
12 Acetone	10	10	102.07	70-130
14 Carbon Disulfide	10	10	101.67	70-130
13 Isopropyl Alcohol	10	10	101.76	70-130
15 3-Chloropropene	10	9.8	97.87	70-130
16 Methylene Chloride	10	9.3	92.77	70-130
17 tert-Butyl Alcohol	10	9.9	99.02	70-130
18 Methyl tert-Butyl	10	10	102.29	70-130
19 trans-1,2-Dichloro	10	9.8	97.76	70-130
20 n-Hexane	10	10	101.65	70-130
21 1,1-Dichloroethane	10	9.7	97.22	70-130
M 22 1,2-Dichloroethene	20	19	95.00	70-130
23 Methyl Ethyl Keton	10	9.0	89.98	70-130
24 cis-1,2-Dichloroet	10	9.3	93.20	70-130
26 Tetrahydrofuran	10	8.8	88.18	70-130
27 Chloroform	10	9.6	95.68	70-130
28 1,1,1-Trichloroeth	10	8.8	88.40	70-130
29 Cyclohexane	10	9.1	91.10	70-130
30 Carbon Tetrachlori	10	9.1	90.83	70-130
31 2,2,4-Trimethylpen	10	9.0	90.14	70-130
32 Benzene	10	9.0	90.24	70-130
33 1,2-Dichloroethane	10	9.1	91.28	70-130
34 n-Heptane	10	8.7	87.39	70-130

Data File: /chem/C.i/Csvr.p/ceatol5.b/ceal0q.d
 Report Date: 27-Apr-2006 20:43

Page 5

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
36 Trichloroethene	10	8.8	88.12	70-130
37 Methyl Methacrylat	10	9.0	90.47	70-130
38 1,2-Dichloropropan	10	8.9	89.33	70-130
39 1,4-Dioxane	10	8.3	82.90	70-130
40 Bromodichlorometha	10	8.9	89.23	70-130
41 cis-1,3-Dichloropr	10	8.7	87.44	70-130
42 Methyl Isobutyl Ke	10	9.3	93.43	70-130
43 Toluene	10	8.8	87.50	70-130
44 trans-1,3-Dichloro	10	9.4	93.54	70-130
45 1,1,2-Trichloroeth	10	10	100.65	70-130
46 Tetrachloroethene	10	8.5	85.04	70-130
47 Methyl Butyl Keton	10	10	101.13	70-130
48 Dibromochlorometha	10	9.4	94.07	70-130
49 1,2-Dibromoethane	10	9.6	95.97	70-130
51 Chlorobenzene	10	9.3	92.59	70-130
52 Ethylbenzene	10	9.3	93.38	70-130
53 Xylene (m,p)	20	18	91.62	70-130
54 Xylene (o)	10	9.3	92.76	70-130
M 55 Xylene (total)	30	29	95.28	70-130
56 Styrene	10	9.4	94.30	70-130
57 Bromoform	10	9.2	92.26	70-130
58 1,1,2,2-Tetrachlor	10	8.8	88.44	70-130
59 4-Ethyltoluene	10	9.9	99.06	70-130
60 1,3,5-Trimethylben	10	9.2	91.92	70-130
61 2-Chlorotoluene	10	9.3	93.39	70-130
62 1,2,4-Trimethylben	10	9.4	93.89	70-130
63 1,3-Dichlorobenzen	10	9.0	90.30	70-130
64 1,4-Dichlorobenzen	10	8.8	88.44	70-130
65 1,2-Dichlorobenzen	10	9.3	93.01	70-130
66 1,2,4-Trichloroben	10	7.3	72.99	70-130
67 Hexachlorobutadien	10	8.3	82.87	70-130
68 Naphthalene	10	7.7	77.21	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Instrument ID: C

Calibration Date: 05/01/06

Time: 2135

Lab File ID: CEA10EV

Init. Calib. Date(s): 04/25/06 04/25/06

Heated Purge: (Y/N) N

Init. Calib. Times: 0854

1254

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	18.406	20.272	0.01	10.1	30.0
1,2-Dichlorotetrafluoroethane	9.700	9.821	0.01	1.2	30.0
Chloromethane	1.432	1.420	0.01	0.8	30.0
Vinyl Chloride	1.986	1.967	0.01	1.0	30.0
1,3-Butadiene	1.484	1.608	0.01	8.4	30.0
Bromomethane	1.910	1.866	0.01	2.3	30.0
Chloroethane	1.030	1.008	0.01	2.1	30.0
Bromoethene	0.996	1.065	0.01	6.9	30.0
Trichlorofluoromethane	8.302	9.150	0.01	10.2	30.0
Freon TF	3.323	3.661	0.01	10.2	30.0
1,1-Dichloroethene	1.079	1.145	0.01	6.1	30.0
Carbon Disulfide	3.540	4.004	0.01	13.1	30.0
3-Chloropropene	2.279	2.834	0.01	24.4	30.0
Methylene Chloride	2.731	3.165	0.01	15.9	30.0
trans-1,2-Dichloroethene	3.109	3.661	0.01	17.8	30.0
n-Hexane	2.344	2.762	0.01	17.8	30.0
1,1-Dichloroethane	3.383	3.927	0.1	16.1	30.0
cis-1,2-Dichloroethene	1.138	1.175	0.01	3.2	30.0
Chloroform	4.846	5.313	0.01	9.6	30.0
1,1,1-Trichloroethane	1.147	1.201	0.01	4.7	30.0
Cyclohexane	0.346	0.360	0.01	4.0	30.0
Carbon Tetrachloride	1.231	1.285	0.01	4.4	30.0
2,2,4-Trimethylpentane	1.345	1.494	0.01	11.1	30.0
Benzene	0.645	0.680	0.01	5.4	30.0
1,2-Dichloroethane	0.952	1.062	0.01	11.6	30.0
n-Heptane	0.634	0.714	0.01	12.6	30.0
Trichloroethene	0.403	0.414	0.01	2.7	30.0
1,2-Dichloropropane	0.291	0.322	0.01	10.6	30.0
Bromodichloromethane	1.034	1.136	0.01	9.9	30.0
cis-1,3-Dichloropropene	0.557	0.572	0.01	2.7	30.0
Toluene	0.426	0.414	0.01	2.8	30.0
trans-1,3-Dichloropropene	0.691	0.747	0.01	8.1	30.0
1,1,2-Trichloroethane	0.248	0.257	0.01	3.6	30.0
Tetrachloroethene	0.219	0.198	0.01	9.6	30.0
Dibromochloromethane	0.623	0.622	0.01	0.2	30.0
1,2-Dibromoethane	0.397	0.393	0.01	1.0	30.0
Chlorobenzene	0.554	0.514	0.3	7.2	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

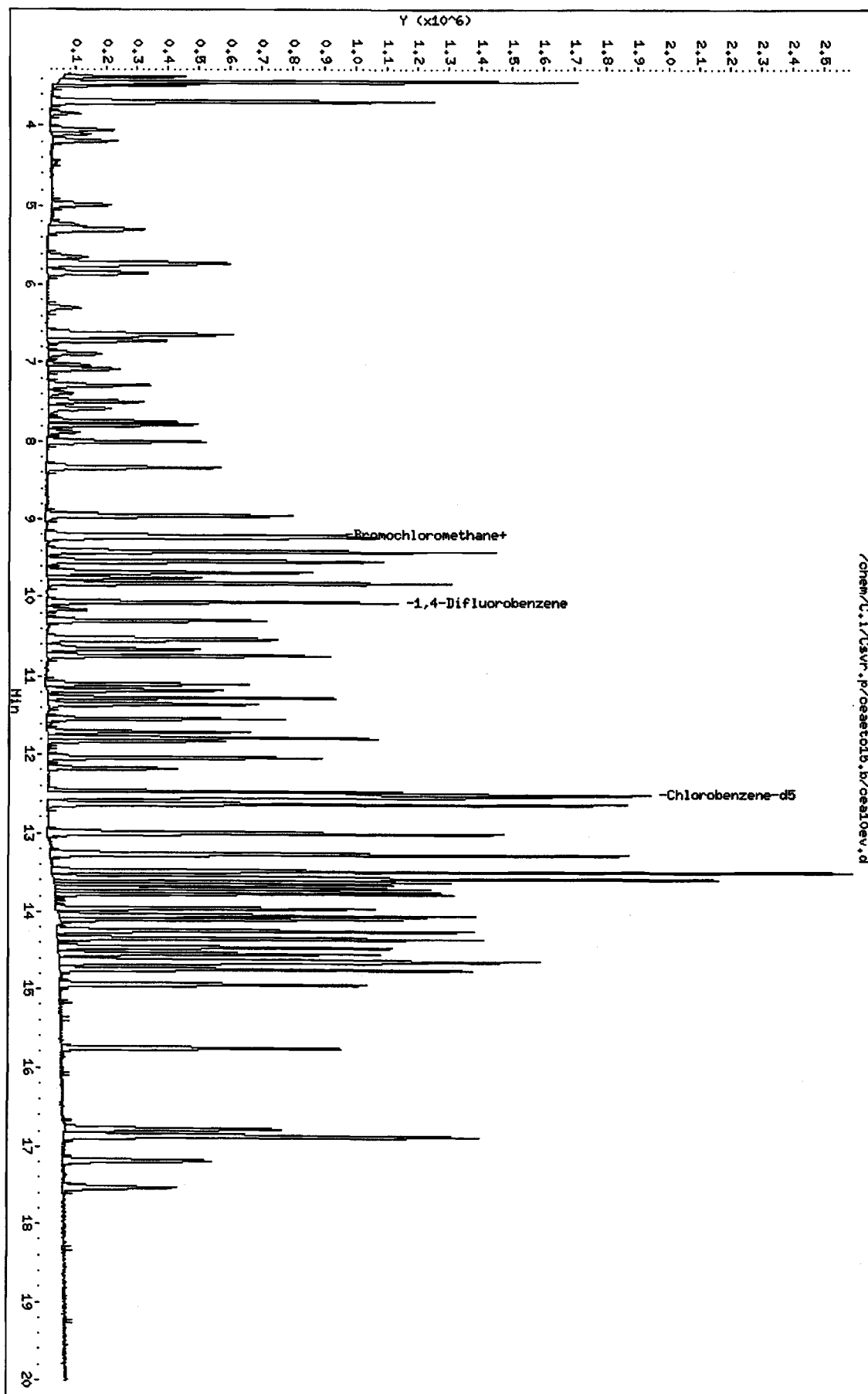
Lab Name: STL BURLINGTON Contract: 26012
 Lab Code: STLV Case No.: SCOTAVI SAS No.: SDG No.: A064147
 Instrument ID: C Calibration Date: 05/01/06 Time: 2135
 Lab File ID: CEA10EV Init. Calib. Date(s): 04/25/06 04/25/06
 Heated Purge: (Y/N) N Init. Calib. Times: 0854 1254
 GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
Ethylbenzene	1.311	1.278	0.01	2.5	30.0
Xylene (m,p)	0.368	0.337	0.01	8.4	30.0
Xylene (o)	0.349	0.312	0.01	10.6	30.0
Styrene	0.566	0.525	0.01	7.2	30.0
Bromoform	0.454	0.442	0.01	2.6	30.0
1,1,2,2-Tetrachloroethane	0.754	0.728	0.01	3.4	30.0
4-Ethyltoluene	1.383	1.398	0.01	1.1	30.0
1,3,5-Trimethylbenzene	1.266	1.180	0.01	6.8	30.0
2-Chlorotoluene	1.529	1.487	0.01	2.7	30.0
1,2,4-Trimethylbenzene	1.210	1.209	0.01	0.1	30.0
1,3-Dichlorobenzene	0.460	0.427	0.01	7.2	30.0
1,4-Dichlorobenzene	0.447	0.418	0.01	6.5	30.0
1,2-Dichlorobenzene	0.423	0.407	0.01	3.8	30.0
1,2,4-Trichlorobenzene	0.276	0.247	0.01	10.5	30.0
Hexachlorobutadiene	0.330	0.276	0.01	16.4	30.0

Data File: /chem/C.1/Csvr.p/ceast015.b/ceast0ev.d
Date: 01-MAY-2006 21:35
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.1
Operator: dmw
Column diameter: 0.32

Page 5



Data File: /chem/C.i/Csvr.p/ceaeto15.b/cea10ev.d
 Report Date: 04-May-2006 09:28

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceaeto15.b/cea10ev.d
 Lab Smp Id: ASTD010 Client Smp ID: ASTD010
 Inj Date : 01-MAY-2006 21:35
 Operator : dmw Inst ID: C.i
 Smp Info :
 Misc Info : ASTD010
 Comment :
 Method : /chem/C.i/Csvr.p/ceaeto15.b/pto15CEA.m
 Meth Date : 04-May-2006 09:28 sv Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 1 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: T014trans.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	AMOUNTS					
		RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	1487420	10.0000	11
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	720598	10.0000	10
3 Chloromethane	50	3.847	3.847	(0.418)	104155	10.0000	9.9
4 Vinyl Chloride	62	4.098	4.103	(0.445)	144302	10.0000	9.9
5 1,3-Butadiene	54	4.189	4.189	(0.455)	117980	10.0000	11
6 Bromomethane	94	4.989	4.989	(0.542)	136956	10.0000	9.8
7 Chloroethane	64	5.230	5.235	(0.568)	73940	10.0000	9.8
8 Bromoethene	106	5.646	5.646	(0.614)	78127	10.0000	11(Q)
9 Trichlorofluoromethane	101	5.726	5.731	(0.622)	671358	10.0000	11
10 Freon TF	101	6.639	6.644	(0.722)	268602	10.0000	11
11 1,1-Dichloroethene	96	6.719	6.719	(0.730)	83990	10.0000	11(Q)
14 Carbon Disulfide	76	7.081	7.087	(0.770)	293811	10.0000	11
15 3-Chloropropene	41	7.290	7.290	(0.792)	207969	10.0000	12
16 Methylene Chloride	49	7.492	7.492	(0.814)	232218	10.0000	12
19 trans-1,2-Dichloroethene	61	7.786	7.791	(0.846)	268609	10.0000	12

Data File: /chem/C.i/Csvr.p/ceaeto15.b/cea10ev.d
Report Date: 04-May-2006 09:28

Page 2

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	==	=====	=====	-----	-----	-----
20 n-Hexane	57	7.999	7.999	(0.869)	202677	10.0000	12
21 1,1-Dichloroethane	63	8.330	8.341	(0.905)	288166	10.0000	12
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.973)	86245	10.0000	10
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	73373	10.0000	(Q)
27 Chloroform	83	9.227	9.232	(1.003)	389825	10.0000	11
28 1,1,1-Trichloroethane	97	9.408	9.414	(0.936)	496034	10.0000	10
29 Cyclohexane	84	9.408	9.414	(0.936)	148921	10.0000	10(Q)
30 Carbon Tetrachloride	117	9.536	9.542	(0.948)	530949	10.0000	10
31 2,2,4-Trimethylpentane	57	9.681	9.686	(0.963)	617059	10.0000	11
32 Benzene	78	9.750	9.755	(0.970)	280722	10.0000	11
33 1,2-Dichloroethane	62	9.814	9.819	(0.976)	438794	10.0000	11
34 n-Heptane	43	9.814	9.819	(0.976)	294778	10.0000	11
* 35 1,4-Difluorobenzene	114	10.054	10.065	(1.000)	413116	10.0000	
36 Trichloroethene	95	10.294	10.294	(1.024)	170954	10.0000	10
38 1,2-Dichloropropane	63	10.529	10.540	(1.047)	133069	10.0000	11(Q)
40 Bromodichloromethane	83	10.732	10.737	(1.067)	469514	10.0000	11
41 cis-1,3-Dichloropropene	75	11.095	11.100	(1.103)	236373	10.0000	10
43 Toluene	92	11.346	11.351	(0.908)	182721	10.0000	9.7
44 trans-1,3-Dichloropropene	75	11.532	11.538	(1.147)	308585	10.0000	11
45 1,1,2-Trichloroethane	83	11.698	11.709	(0.936)	113471	10.0000	10
46 Tetrachloroethene	166	11.778	11.783	(0.942)	87115	10.0000	9.0(Q)
48 Dibromochloromethane	129	12.034	12.039	(0.963)	274135	10.0000	10
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	173318	10.0000	9.9
* 50 Chlorobenzene-d5	117	12.498	12.504	(1.000)	440905	10.0000	
51 Chlorobenzene	112	12.525	12.530	(1.002)	226647	10.0000	9.3(Q)
52 Ethylbenzene	91	12.536	12.541	(1.003)	563286	10.0000	9.7
53 Xylene (m,p)	106	12.627	12.632	(1.010)	297277	20.0000	18(Q)
54 Xylene (o)	106	12.989	12.995	(1.039)	137435	10.0000	8.9(Q)
56 Styrene	104	13.000	13.005	(1.040)	231513	10.0000	9.3(Q)
57 Bromoform	173	13.256	13.262	(1.061)	194888	10.0000	9.7
58 1,1,2,2-Tetrachloroethane	83	13.560	13.566	(1.085)	320910	10.0000	9.6
59 4-Ethyltoluene	105	13.699	13.699	(1.096)	616511	10.0000	10
60 1,3,5-Trimethylbenzene	105	13.737	13.742	(1.099)	520439	10.0000	9.3
61 2-Chlorotoluene	91	13.769	13.769	(1.102)	655552	10.0000	9.7
62 1,2,4-Trimethylbenzene	105	14.094	14.099	(1.128)	533110	10.0000	10
63 1,3-Dichlorobenzene	146	14.457	14.457	(1.157)	188159	10.0000	9.3
64 1,4-Dichlorobenzene	146	14.537	14.542	(1.163)	184108	10.0000	9.3
65 1,2-Dichlorobenzene	146	14.937	14.943	(1.195)	179437	10.0000	9.6
66 1,2,4-Trichlorobenzene	180	16.773	16.773	(1.342)	109044	10.0000	9.0
67 Hexachlorobutadiene	225	16.864	16.864	(1.349)	121913	10.0000	8.4

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/ceaetol5.b/cea10ev.d
Report Date: 04-May-2006 09:28

Page 3

STL Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: C.i Injection Date: 01-MAY-2006 21:35
Lab File ID: cea10ev.d Init. Cal. Date(s): 25-APR-2006 25-APR-2006
Analysis Type: AIR Init. Cal. Times: 08:54 12:54
Lab Sample ID: ASTD010 Quant Type: ISTD
Method: /chem/C.i/Csvr.p/ceaetol5.b/ptol5CEA.m

COMPOUND	RRF / AMOUNT		RF10	MIN		MAX		CURVE TYPE
	RRF	AMOUNT		RRF	%D / %DRIFT	%D / %DRIFT		
1 Dichlorodifluoromethane	18.40639		20.27203	0.010	-10.13586	30.00000		Averaged
2 1,2-Dichlorotetrafluoroetha	9.70022		9.82102	0.010	-1.24535	30.00000		Averaged
3 Chloromethane	1.43194		1.41953	0.010	0.86686	30.00000		Averaged
4 Vinyl Chloride	1.98563		1.96669	0.010	0.95387	30.00000		Averaged
5 1,3-Butadiene	1.48372		1.60795	0.010	-8.37298	30.00000		Averaged
6 Bromomethane	1.91048		1.86657	0.010	2.29826	30.00000		Averaged
7 Chloroethane	1.02959		1.00773	0.010	2.12344	30.00000		Averaged
8 Bromoethene	0.99593		1.06479	0.010	-6.91418	30.00000		Averaged
9 Trichlorofluoromethane	8.30180		9.14993	0.010	-10.21622	30.00000		Averaged
10 Freon TF	3.32319		3.66077	0.010	-10.15851	30.00000		Averaged
11 1,1-Dichloroethene	1.07922		1.14470	0.010	-6.06690	30.00000		Averaged
14 Carbon Disulfide	3.53954		4.00435	0.010	-13.13199	30.00000		Averaged
15 3-Chloropropene	2.27956		2.83441	0.010	-24.34011	30.00000		Averaged
16 Methylene Chloride	2.73127		3.16490	0.010	-15.87636	30.00000		Averaged
19 trans-1,2-Dichloroethene	3.10911		3.66087	0.010	-17.74645	30.00000		Averaged
20 n-Hexane	2.34404		2.76228	0.010	-17.84275	30.00000		Averaged
21 1,1-Dichloroethane	3.38336		3.92741	0.100	-16.08018	30.00000		Averaged
24 cis-1,2-Dichloroethene	1.13796		1.17543	0.010	-3.29260	30.00000		Averaged
27 Chloroform	4.84608		5.31292	0.010	-9.63347	30.00000		Averaged
28 1,1,1-Trichloroethane	1.14689		1.20071	0.010	-4.69256	30.00000		Averaged
29 Cyclohexane	0.34611		0.36048	0.010	-4.15381	30.00000		Averaged
30 Carbon Tetrachloride	1.23081		1.28523	0.010	-4.42187	30.00000		Averaged
31 2,2,4-Trimethylpentane	1.34541		1.49367	0.010	-11.01978	30.00000		Averaged
32 Benzene	0.64506		0.67952	0.010	-5.34250	30.00000		Averaged
33 1,2-Dichloroethane	0.95174		1.06216	0.010	-11.60136	30.00000		Averaged
34 n-Heptane	0.63438		0.71355	0.010	-12.47876	30.00000		Averaged
36 Trichloroethene	0.40296		0.41382	0.010	-2.69453	30.00000		Averaged
38 1,2-Dichloropropane	0.29079		0.32211	0.010	-10.77193	30.00000		Averaged
40 Bromodichloromethane	1.03375		1.13652	0.010	-9.94176	30.00000		Averaged
41 cis-1,3-Dichloropropene	0.55670		0.57217	0.010	-2.77840	30.00000		Averaged
43 Toluene	0.42592		0.41442	0.010	2.70032	30.00000		Averaged
44 trans-1,3-Dichloropropene	0.69080		0.74697	0.010	-8.13161	30.00000		Averaged
45 1,1,2-Trichloroethane	0.24855		0.25736	0.010	-3.54464	30.00000		Averaged
46 Tetrachloroethene	0.21937		0.19758	0.010	9.93045	30.00000		Averaged
48 Dibromochloromethane	0.62316		0.62176	0.010	0.22513	30.00000		Averaged
49 1,2-Dibromoethane	0.39697		0.39310	0.010	0.97634	30.00000		Averaged

Data File: /chem/C.i/Csvr.p/ceaeto15.b/ceal0ev.d
 Report Date: 04-May-2006 09:28

Page 4

STL Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: C.i Injection Date: 01-MAY-2006 21:35
 Lab File ID: ceal0ev.d Init. Cal. Date(s): 25-APR-2006 25-APR-2006
 Analysis Type: AIR Init. Cal. Times: 08:54 12:54
 Lab Sample ID: ASTD010 Quant Type: ISTD
 Method: /chem/C.i/Csvr.p/ceaeto15.b/pto15CEA.m

COMPOUND	_____		MIN		MAX		CURVE TYPE
	RRF / AMOUNT	RF10	RRF	%D / %DRIFT	%D / %DRIFT		
=====	=====	=====	=====	=====	=====	=====	
51 Chlorobenzene	0.55389	0.51405	0.300	7.19239	30.00000	Averaged	
52 Ethylbenzene	1.31077	1.27757	0.010	2.53334	30.00000	Averaged	
53 Xylene (m,p)	0.36801	0.33712	0.010	8.39437	30.00000	Averaged	
54 Xylene (o)	0.34924	0.31171	0.010	10.74552	30.00000	Averaged	
56 Styrene	0.56594	0.52509	0.010	7.21864	30.00000	Averaged	
57 Bromoform	0.45454	0.44202	0.010	2.75405	30.00000	Averaged	
58 1,1,2,2-Tetrachloroethane	0.75431	0.72784	0.010	3.50868	30.00000	Averaged	
59 4-Ethyltoluene	1.38276	1.39829	0.010	-1.12260	30.00000	Averaged	
60 1,3,5-Trimethylbenzene	1.26656	1.18039	0.010	6.80352	30.00000	Averaged	
61 2-Chlorotoluene	1.52909	1.48683	0.010	2.76370	30.00000	Averaged	
62 1,2,4-Trimethylbenzene	1.21057	1.20913	0.010	0.11910	30.00000	Averaged	
63 1,3-Dichlorobenzene	0.46020	0.42676	0.010	7.26634	30.00000	Averaged	
64 1,4-Dichlorobenzene	0.44711	0.41757	0.010	6.60802	30.00000	Averaged	
65 1,2-Dichlorobenzene	0.42289	0.40697	0.010	3.76257	30.00000	Averaged	
66 1,2,4-Trichlorobenzene	0.27566	0.24732	0.010	10.28136	30.00000	Averaged	
67 Hexachlorobutadiene	0.32975	0.27651	0.010	16.14761	30.00000	Averaged	



**METHOD TO-14A
VOLATILE ORGANIC ANALYSIS**

RAW QC DATA

Data File: /chem/C.i/Csvr.p/ceato15.b/cea01pv.d

Page 2

Date : 25-APR-2006 08:15

Client ID: VBFB

Instrument: C.i

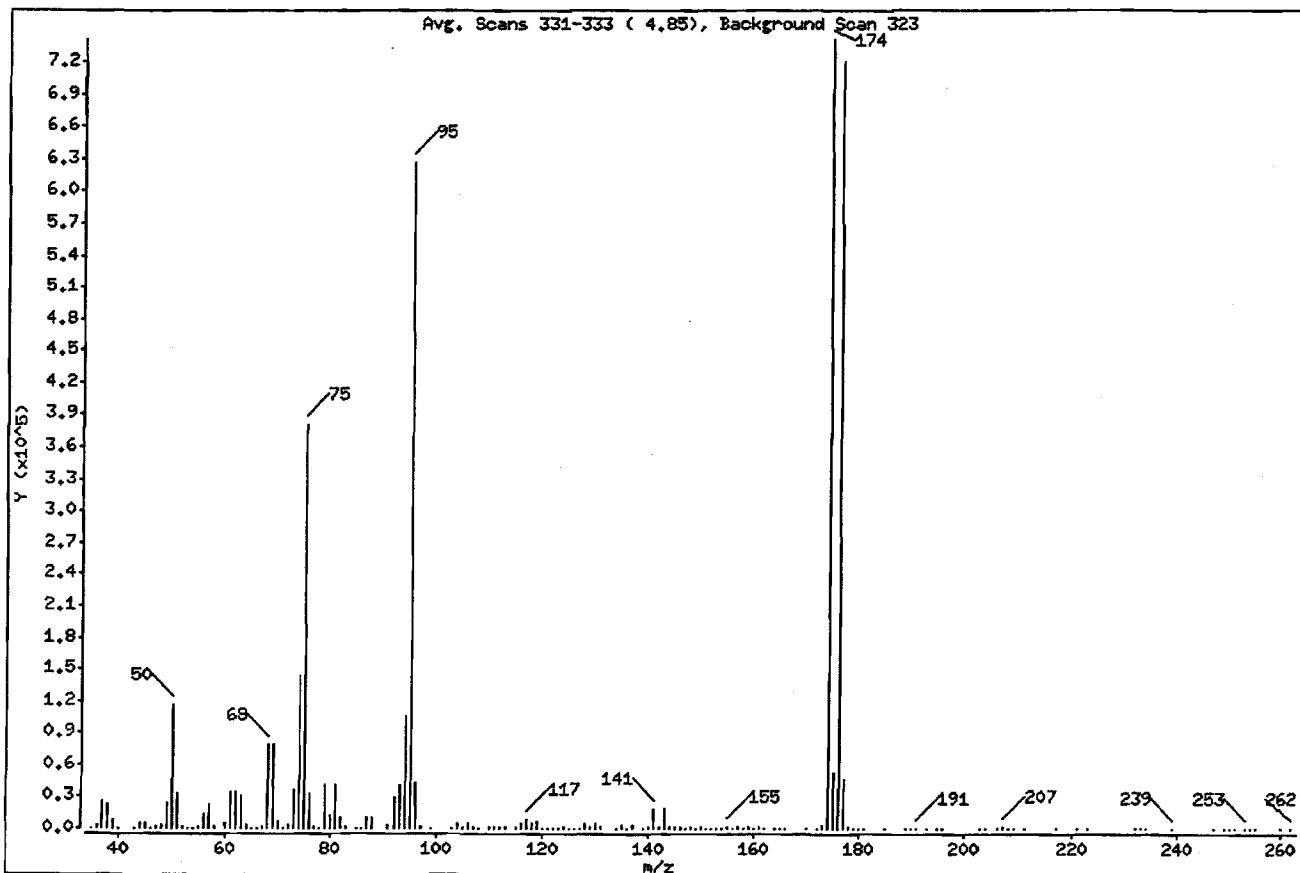
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	18.40
75	30.00 - 66.00% of mass 95	60.68
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.60 (0.51)
174	50.00 - 120.00% of mass 95	118.13
175	4.00 - 9.00% of mass 174	8.56 (7.25)
176	93.00 - 101.00% of mass 174	114.92 (97.28)
177	5.00 - 9.00% of mass 176	7.44 (6.47)

Data File: /chem/C.i/Csvr.p/ceato15.b/cea01pv.d

Page 3

Date : 25-APR-2006 08:15

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cea01pv.d

Spectrum: Avg. Scans 331-333 (4.85), Background Scan 323

Location of Maximum: 174.00

Number of points: 157

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	92	78.00	362	127.00	663	175.00	53672
36.00	3816	79.00	40864	128.00	4549	176.00	720384
37.00	25416	80.00	11342	129.00	2152	177.00	46616
38.00	22976	81.00	41712	130.00	4716	178.00	1540
39.00	8853	82.00	9497	131.00	2187	179.00	148
40.00	294	83.00	1192	134.00	452	180.00	81
43.00	217	85.00	287	135.00	3096	181.00	68
44.00	4854	86.00	244	136.00	606	185.00	68
45.00	4351	87.00	9606	137.00	3057	189.00	349
46.00	651	88.00	9727	139.00	432	190.00	106
47.00	2209	91.00	4165	140.00	1189	191.00	686
48.00	3540	92.00	29664	141.00	19336	193.00	292
49.00	23704	93.00	41064	142.00	1622	195.00	121
50.00	115368	94.00	104968	143.00	18800	196.00	67
51.00	33224	95.00	626816	144.00	1122	203.00	160
52.00	940	96.00	42816	145.00	1504	204.00	95
53.00	80	97.00	1322	146.00	1835	206.00	89
54.00	339	99.00	105	147.00	391	207.00	1338
55.00	1949	103.00	612	148.00	2550	208.00	749
56.00	13354	104.00	5595	149.00	627	209.00	691
57.00	22680	105.00	1434	150.00	1509	211.00	70
58.00	1123	106.00	4842	151.00	250	217.00	81
60.00	5885	107.00	1071	152.00	674	221.00	323
61.00	34408	108.00	165	153.00	778	223.00	199
62.00	34648	110.00	1204	154.00	557	232.00	163
63.00	31248	111.00	1670	155.00	2516	233.00	107
64.00	2728	112.00	1069	156.00	572	234.00	118
65.00	360	113.00	1651	157.00	1992	239.00	195
66.00	77	115.00	1644	158.00	293	247.00	195
67.00	1565	116.00	4659	159.00	1822	249.00	80
68.00	79328	117.00	8063	160.00	206	250.00	90
69.00	78528	118.00	4866	161.00	1997	251.00	275
70.00	7015	119.00	6937	162.00	215	253.00	516
71.00	209	120.00	518	164.00	236	254.00	54
72.00	3623	121.00	144	165.00	33	255.00	235

Data File: /chem/C.i/Csvr.p/ceato15.b/cea01pv.d

Page 4

Date : 25-APR-2006 08:15

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cea01pv.d

Spectrum: Avg. Scans 331-333 (4.85), Background Scan 323

Location of Maximum: 174.00

Number of points: 157

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	35224	122.00	437	166.00	94	260.00	508
74.00	143616	123.00	654	170.00	74	262.00	78
75.00	380352	124.00	910	172.00	87		
76.00	33080	125.00	243	173.00	3788		
77.00	2344	126.00	471	174.00	740480		

Data File: /chem/C.i/Csvr.p/ceato15.b/cea01pv.d

Page 1

Date : 25-APR-2006 08:15

Client ID: VBFB

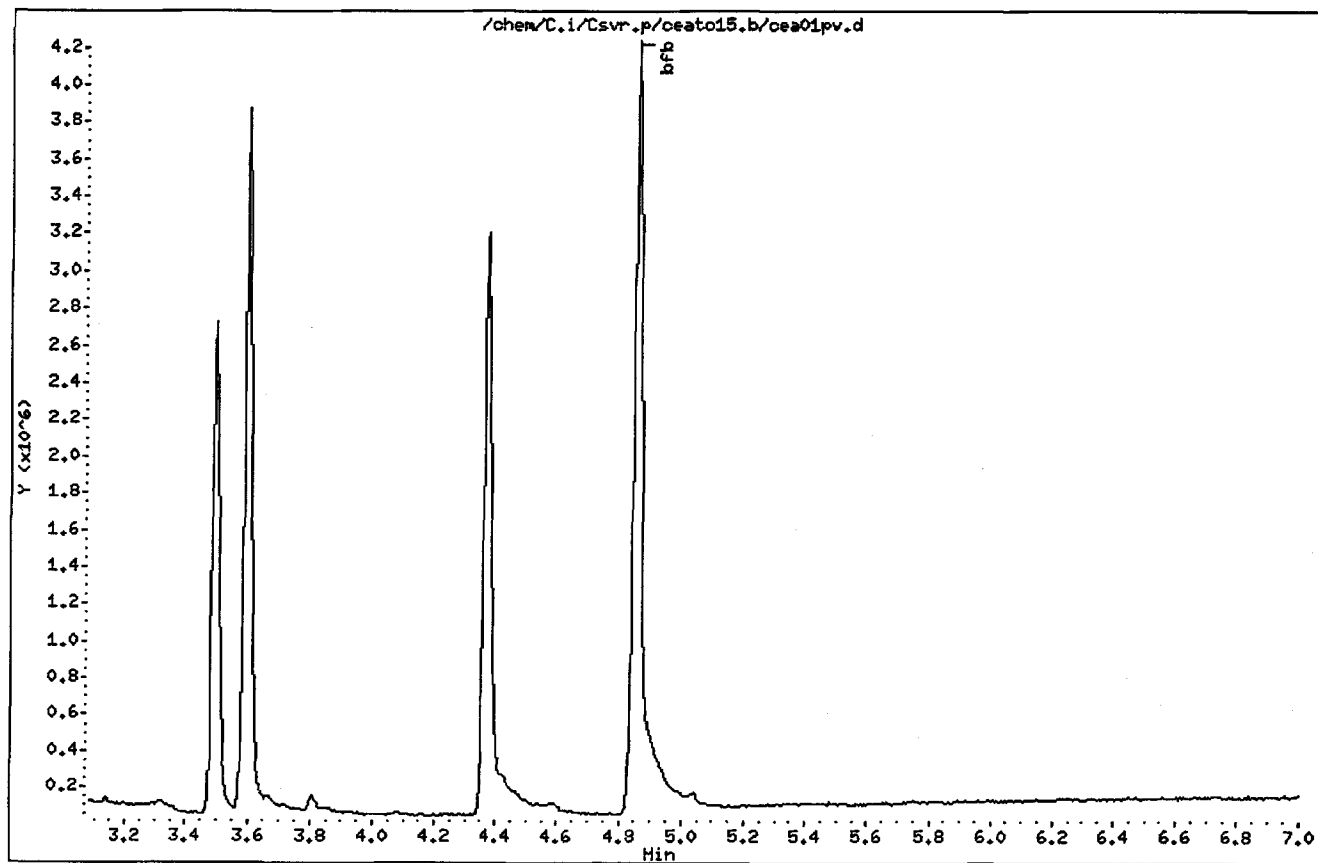
Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/ceaeto15,b/cea07pv.d

Page 3

Date : 01-MAY-2006 21:01

Client ID: VBFB

Instrument: C.i

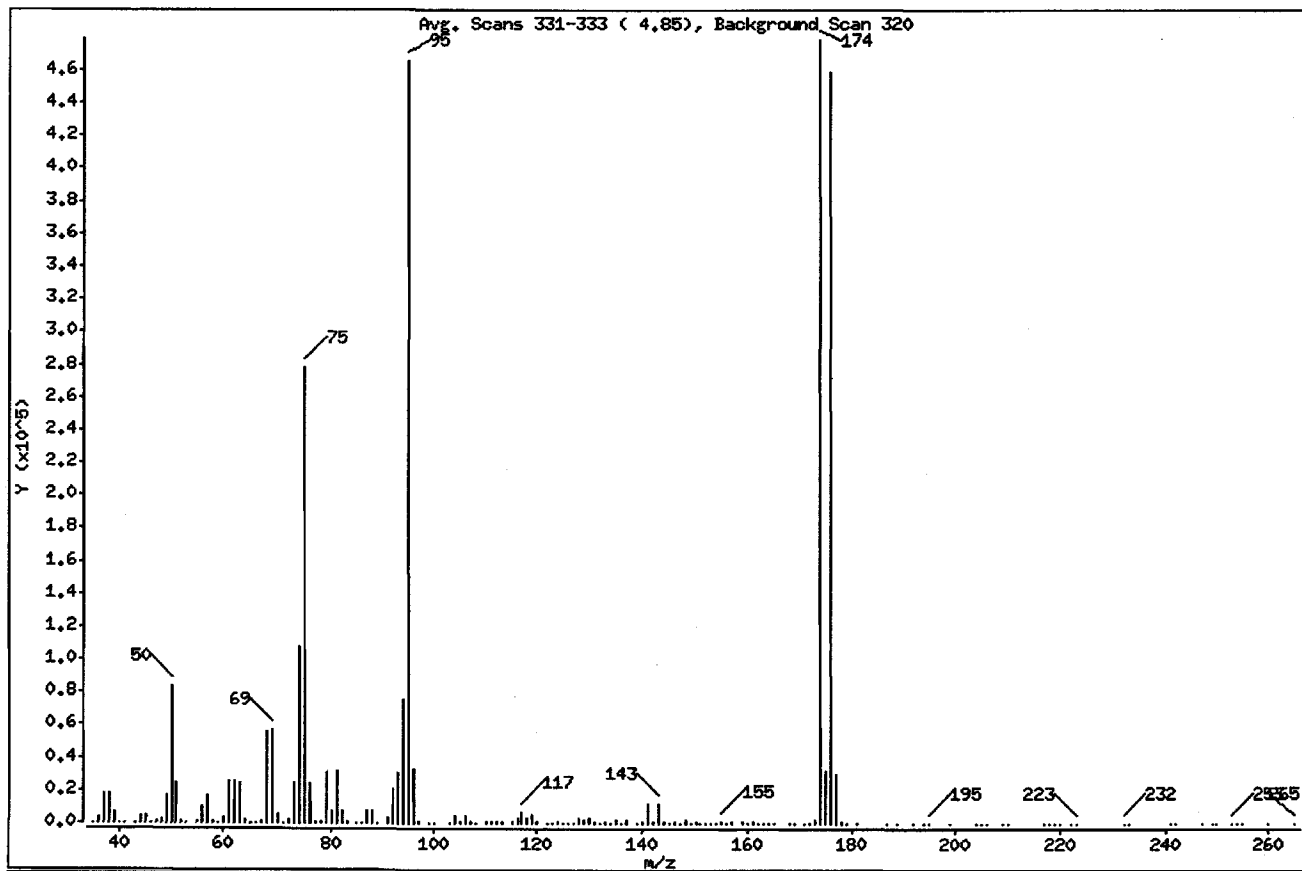
Sample Info: VBFB

Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

* 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	17.97
75	30.00 - 66.00% of mass 95	59.75
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.51 (0.50)
174	50.00 - 120.00% of mass 95	102.84
175	4.00 - 9.00% of mass 174	6.92 (6.73)
176	93.00 - 101.00% of mass 174	98.57 (95.84)
177	5.00 - 9.00% of mass 176	6.38 (6.47)

Data File: /chem/C.i/Csvr.p/ceaeto15.b/cea07pv.d

Page 4

Date : 01-MAY-2006 21:01

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

Data File: cea07pv.d
 Spectrum: Avg. Scans 331-333 (4.85), Background Scan 320
 Location of Maximum: 174.00
 Number of points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	111	78.00	577	127.00	92	173.00	2389
36.00	2889	79.00	30872	128.00	3753	174.00	478656
37.00	16664	80.00	8171	129.00	1779	175.00	32192
38.00	17184	81.00	32000	130.00	3390	176.00	458752
39.00	7071	82.00	7194	131.00	1418	177.00	29704
40.00	118	83.00	704	132.00	410	178.00	827
41.00	16	85.00	95	133.00	640	179.00	14
43.00	460	86.00	316	134.00	375	181.00	74
44.00	4117	87.00	7344	135.00	2174	187.00	69
45.00	3904	88.00	8187	136.00	214	189.00	347
46.00	500	89.00	105	137.00	1952	192.00	386
47.00	1194	91.00	3667	139.00	495	194.00	25
48.00	2088	92.00	20784	140.00	750	195.00	468
49.00	16552	93.00	30368	141.00	12266	199.00	81
50.00	83624	94.00	76256	142.00	1217	204.00	96
51.00	24296	95.00	465408	143.00	12408	205.00	99
52.00	964	96.00	33024	144.00	650	206.00	80
53.00	111	97.00	872	145.00	511	209.00	232
55.00	1478	99.00	191	146.00	1145	210.00	224
56.00	9950	100.00	110	147.00	303	217.00	84
57.00	16808	103.00	425	148.00	1897	218.00	99
58.00	956	104.00	4132	149.00	305	219.00	71
59.00	16	105.00	1143	150.00	911	220.00	111
60.00	3809	106.00	4536	151.00	72	222.00	79
61.00	25024	107.00	1008	152.00	423	223.00	256
62.00	25464	108.00	289	153.00	287	232.00	345
63.00	23720	110.00	774	154.00	547	233.00	253
64.00	1655	111.00	1253	155.00	1460	241.00	81
65.00	72	112.00	771	156.00	239	242.00	86
66.00	158	113.00	1310	157.00	1341	247.00	75
67.00	1308	115.00	828	159.00	1314	249.00	230
68.00	56208	116.00	3708	160.00	143	250.00	162
69.00	57448	117.00	6471	161.00	976	253.00	317
70.00	5352	118.00	3717	162.00	298	254.00	118
71.00	211	119.00	5987	163.00	488	255.00	15

Data File: /chem/C.i/Csvr.p/ceasto15.b/cea07pv.d

Page 5

Date : 01-MAY-2006 21:01

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: dmw

Column phase: RTX-624

Column diameter: 0.32

Data File: cea07pv.d

Spectrum: Avg. Scans 331-333 (4.85), Background Scan 320

Location of Maximum: 174.00

Number of points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	2688	120.00	602	164.00	362	260.00	275
73.00	23680	122.00	92	165.00	487	265.00	119
74.00	107616	123.00	430	168.00	89		
75.00	278080	124.00	698	169.00	74		
76.00	24208	125.00	488	171.00	82		
77.00	1327	126.00	273	172.00	85		

Data File: /chem/C.i/Csvr.p/ceaeto15.b/cea07pv.d

Page 2

Date : 01-MAY-2006 21:01

Client ID: VBFB

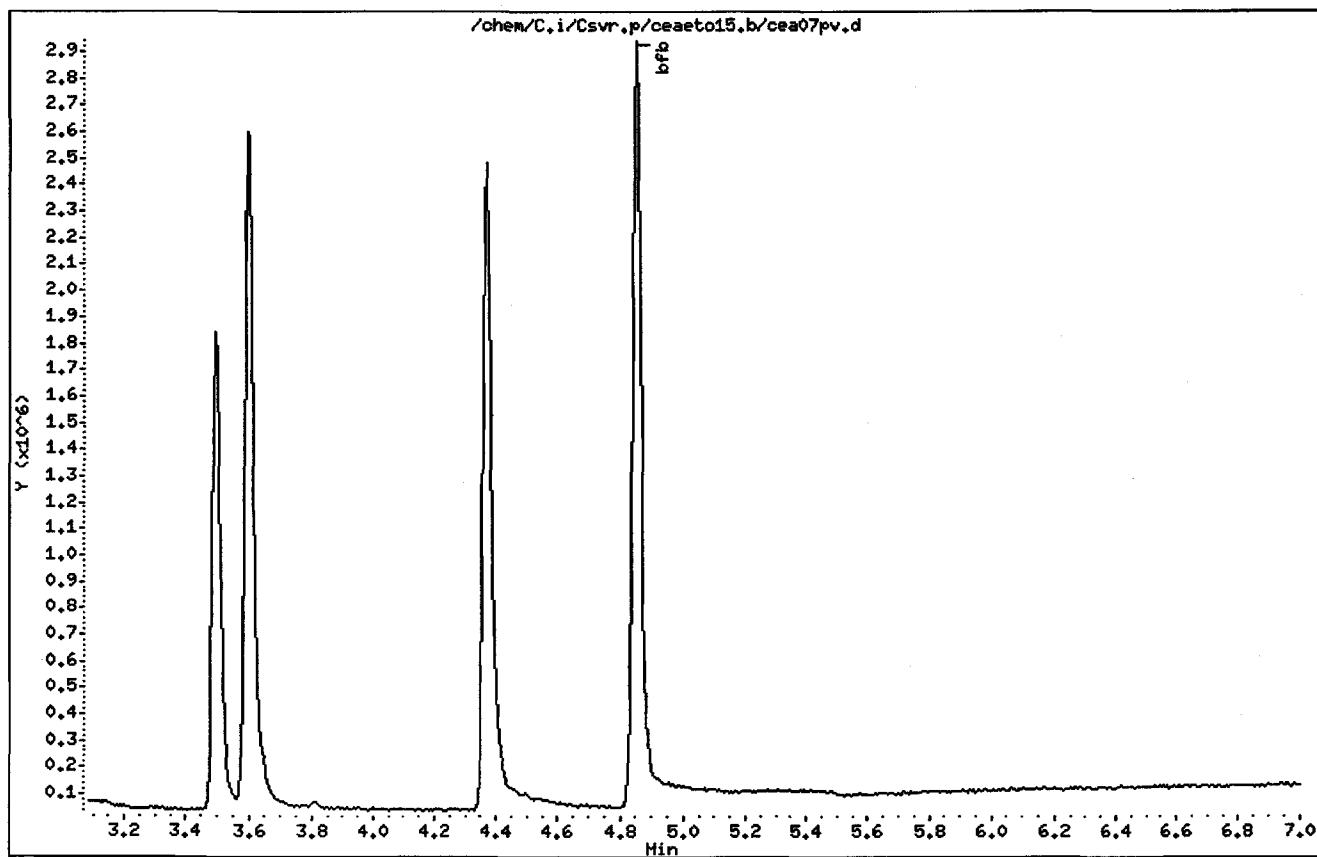
Instrument: C.i

Sample Info: VBFB

Operator: dmw

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: MBLK050106CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEAB01E

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

75-71-8-----	Dichlorodifluoromethane	0.50	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	0.20	U
74-87-3-----	Chloromethane	0.50	U
75-01-4-----	Vinyl Chloride	0.20	U
106-99-0-----	1,3-Butadiene	0.50	U
74-83-9-----	Bromomethane	0.20	U
75-00-3-----	Chloroethane	0.20	U
593-60-2-----	Bromoethene	0.20	U
75-69-4-----	Trichlorofluoromethane	0.20	U
76-13-1-----	Freon TF	0.20	U
75-35-4-----	1,1-Dichloroethene	0.20	U
75-15-0-----	Carbon Disulfide	0.50	U
107-05-1-----	3-Chloropropene	0.50	U
75-09-2-----	Methylene Chloride	0.50	U
156-60-5-----	trans-1,2-Dichloroethene	0.20	U
110-54-3-----	n-Hexane	0.50	U
75-34-3-----	1,1-Dichloroethane	0.20	U
156-59-2-----	cis-1,2-Dichloroethene	0.20	U
67-66-3-----	Chloroform	0.20	U
71-55-6-----	1,1,1-Trichloroethane	0.20	U
110-82-7-----	Cyclohexane	0.20	U
56-23-5-----	Carbon Tetrachloride	0.20	U
540-84-1-----	2,2,4-Trimethylpentane	0.20	U
71-43-2-----	Benzene	0.20	U
107-06-2-----	1,2-Dichloroethane	0.20	U
142-82-5-----	n-Heptane	0.20	U
79-01-6-----	Trichloroethene	0.20	U
78-87-5-----	1,2-Dichloropropane	0.20	U
75-27-4-----	Bromodichloromethane	0.20	U
10061-01-5-----	cis-1,3-Dichloropropene	0.20	U
108-88-3-----	Toluene	0.20	U
10061-02-6-----	trans-1,3-Dichloropropene	0.20	U
79-00-5-----	1,1,2-Trichloroethane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK050106CA

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: MBLK050106CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEAB01E

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

127-18-4-----	Tetrachloroethene	0.20	U
124-48-1-----	Dibromochloromethane	0.20	U
106-93-4-----	1,2-Dibromoethane	0.20	U
108-90-7-----	Chlorobenzene	0.20	U
100-41-4-----	Ethylbenzene	0.20	U
1330-20-7-----	Xylene (m,p)	0.50	U
95-47-6-----	Xylene (o)	0.20	U
100-42-5-----	Styrene	0.20	U
75-25-2-----	Bromoform	0.20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.20	U
622-96-8-----	4-Ethyltoluene	0.20	U
108-67-8-----	1,3,5-Trimethylbenzene	0.20	U
95-49-8-----	2-Chlorotoluene	0.20	U
95-63-6-----	1,2,4-Trimethylbenzene	0.20	U
541-73-1-----	1,3-Dichlorobenzene	0.20	U
106-46-7-----	1,4-Dichlorobenzene	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.20	U
120-82-1-----	1,2,4-Trichlorobenzene	0.50	U
87-68-3-----	Hexachlorobutadiene	0.20	U

FORM I VOA

Data File: /chem/C.1/Csvr.p/ceast015.b/ceast01e.d

Date : 01-MAY-2006 23:45

Client ID: HBLK050106CA

Sample Info:

Purge Volume: 200.0

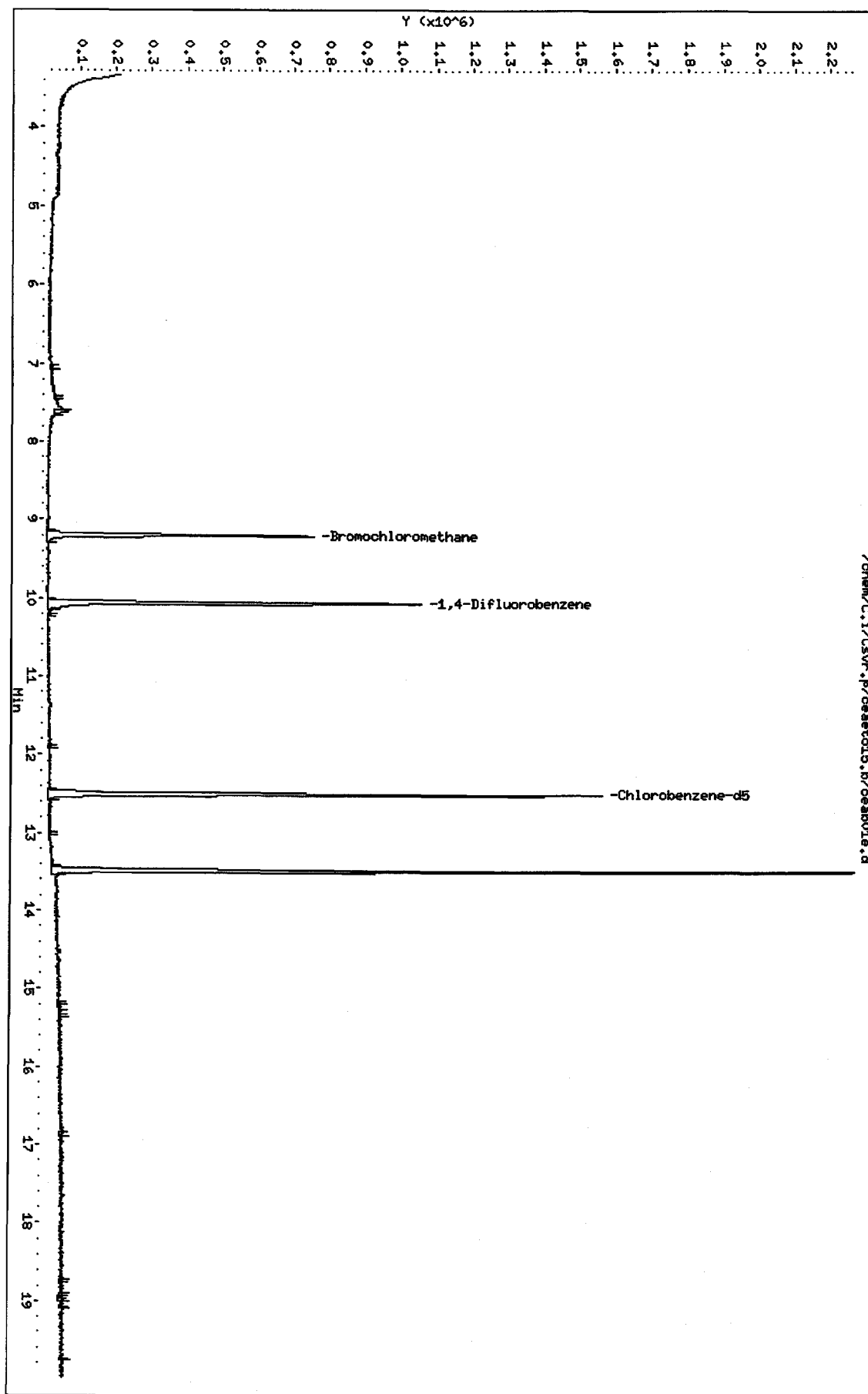
Column phase: RTX-624

Instrument: C.1

Operator: dmw

Column diameter: 0.32

Page 3



Data File: /chem/C.i/Csvr.p/ceaeto15.b/ceab01e.d
 Report Date: 04-May-2006 09:28

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceaeto15.b/ceab01e.d
 Lab Smp Id: MBLK050106CA Client Smp ID: MBLK050106CA
 Inj Date : 01-MAY-2006 23:45
 Operator : dmw Inst ID: C.i
 Smp Info :
 Misc Info : IBLK;050106CA
 Comment :
 Method : /chem/C.i/Csvr.p/ceaeto15.b/pto15CEA.m
 Meth Date : 04-May-2006 09:28 sv Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 2 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: T014trans.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	Compound Not Detected.					
2 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
3 Chloromethane	50	Compound Not Detected.					
4 Vinyl Chloride	62	Compound Not Detected.					
5 1,3-Butadiene	54	Compound Not Detected.					
6 Bromomethane	94	Compound Not Detected.					
7 Chloroethane	64	Compound Not Detected.					
8 Bromoethene	106	Compound Not Detected.					
9 Trichlorofluoromethane	101	Compound Not Detected.					
10 Freon TF	101	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
15 3-Chloropropene	41	Compound Not Detected.					
16 Methylene Chloride	49	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					

Data File: /chem/C.i/Csvr.p/ceaeto15.b/ceab01e.d
 Report Date: 04-May-2006 09:28

Page 2

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
20 n-Hexane	57				Compound Not Detected.		
21 1,1-Dichloroethane	63				Compound Not Detected.		
24 cis-1,2-Dichloroethene	96				Compound Not Detected.		
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	70819	10.0000	(Q)
27 Chloroform	83				Compound Not Detected.		
28 1,1,1-Trichloroethane	97				Compound Not Detected.		
29 Cyclohexane	84				Compound Not Detected.		
30 Carbon Tetrachloride	117				Compound Not Detected.		
31 2,2,4-Trimethylpentane	57				Compound Not Detected.		
32 Benzene	78				Compound Not Detected.		
33 1,2-Dichloroethane	62				Compound Not Detected.		
34 n-Heptane	43				Compound Not Detected.		
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	417372	10.0000	
36 Trichloroethene	95				Compound Not Detected.		
38 1,2-Dichloropropane	63				Compound Not Detected.		
40 Bromodichloromethane	83				Compound Not Detected.		
41 cis-1,3-Dichloropropene	75				Compound Not Detected.		
43 Toluene	92				Compound Not Detected.		
44 trans-1,3-Dichloropropene	75				Compound Not Detected.		
45 1,1,2-Trichloroethane	83				Compound Not Detected.		
46 Tetrachloroethene	166				Compound Not Detected.		
48 Dibromochloromethane	129				Compound Not Detected.		
49 1,2-Dibromoethane	107				Compound Not Detected.		
* 50 Chlorobenzene-d5	117	12.493	12.504	(1.000)	408488	10.0000	
51 Chlorobenzene	112				Compound Not Detected.		
52 Ethylbenzene	91				Compound Not Detected.		
53 Xylene (m,p)	106				Compound Not Detected.		
54 Xylene (o)	106				Compound Not Detected.		
56 Styrene	104				Compound Not Detected.		
57 Bromoform	173				Compound Not Detected.		
58 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
59 4-Ethyltoluene	105				Compound Not Detected.		
60 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
61 2-Chlorotoluene	91				Compound Not Detected.		
62 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
63 1,3-Dichlorobenzene	146				Compound Not Detected.		
64 1,4-Dichlorobenzene	146				Compound Not Detected.		
65 1,2-Dichlorobenzene	146				Compound Not Detected.		
66 1,2,4-Trichlorobenzene	179				Compound Not Detected.		
67 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
76-14-2	1,2-Dichlorotetrafluoroethane	10	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	9.7	
106-99-0	1,3-Butadiene	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	9.9	
593-60-2	Bromoethene	9.7	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	9.6	
75-35-4	1,1-Dichloroethene	9.0	
75-15-0	Carbon Disulfide	11	
107-05-1	3-Chloropropene	11	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	11	
110-54-3	n-Hexane	11	
75-34-3	1,1-Dichloroethane	11	
156-59-2	cis-1,2-Dichloroethene	9.4	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9.5	
110-82-7	Cyclohexane	9.7	
56-23-5	Carbon Tetrachloride	9.8	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	10	
107-06-2	1,2-Dichloroethane	10	
142-82-5	n-Heptane	10	
79-01-6	Trichloroethene	9.4	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9.8	
10061-01-5	cis-1,3-Dichloropropene	9.6	
108-88-3	Toluene	9.2	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCS

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

127-18-4-----	Tetrachloroethene	8.9	
124-48-1-----	Dibromochloromethane	9.7	
106-93-4-----	1,2-Dibromoethane	9.9	
108-90-7-----	Chlorobenzene	9.3	
100-41-4-----	Ethylbenzene	9.5	
1330-20-7-----	Xylene (m,p)	18	
95-47-6-----	Xylene (o)	9.4	
100-42-5-----	Styrene	9.2	
75-25-2-----	Bromoform	9.3	
79-34-5-----	1,1,2,2-Tetrachloroethane	8.9	
622-96-8-----	4-Ethyltoluene	9.4	
108-67-8-----	1,3,5-Trimethylbenzene	9.6	
95-49-8-----	2-Chlorotoluene	9.6	
95-63-6-----	1,2,4-Trimethylbenzene	9.3	
541-73-1-----	1,3-Dichlorobenzene	8.7	
106-46-7-----	1,4-Dichlorobenzene	8.8	
95-50-1-----	1,2-Dichlorobenzene	9.2	
120-82-1-----	1,2,4-Trichlorobenzene	6.6	
87-68-3-----	Hexachlorobutadiene	7.3	

FORM I VOA

Data File: /chem/C.i/Csvr.p/ceast015.b/ceast0eq.d

Date: 01-MAY-2006 22:25

Client ID: CEHELCS

Sample Info:

Purge Volume: 200.0

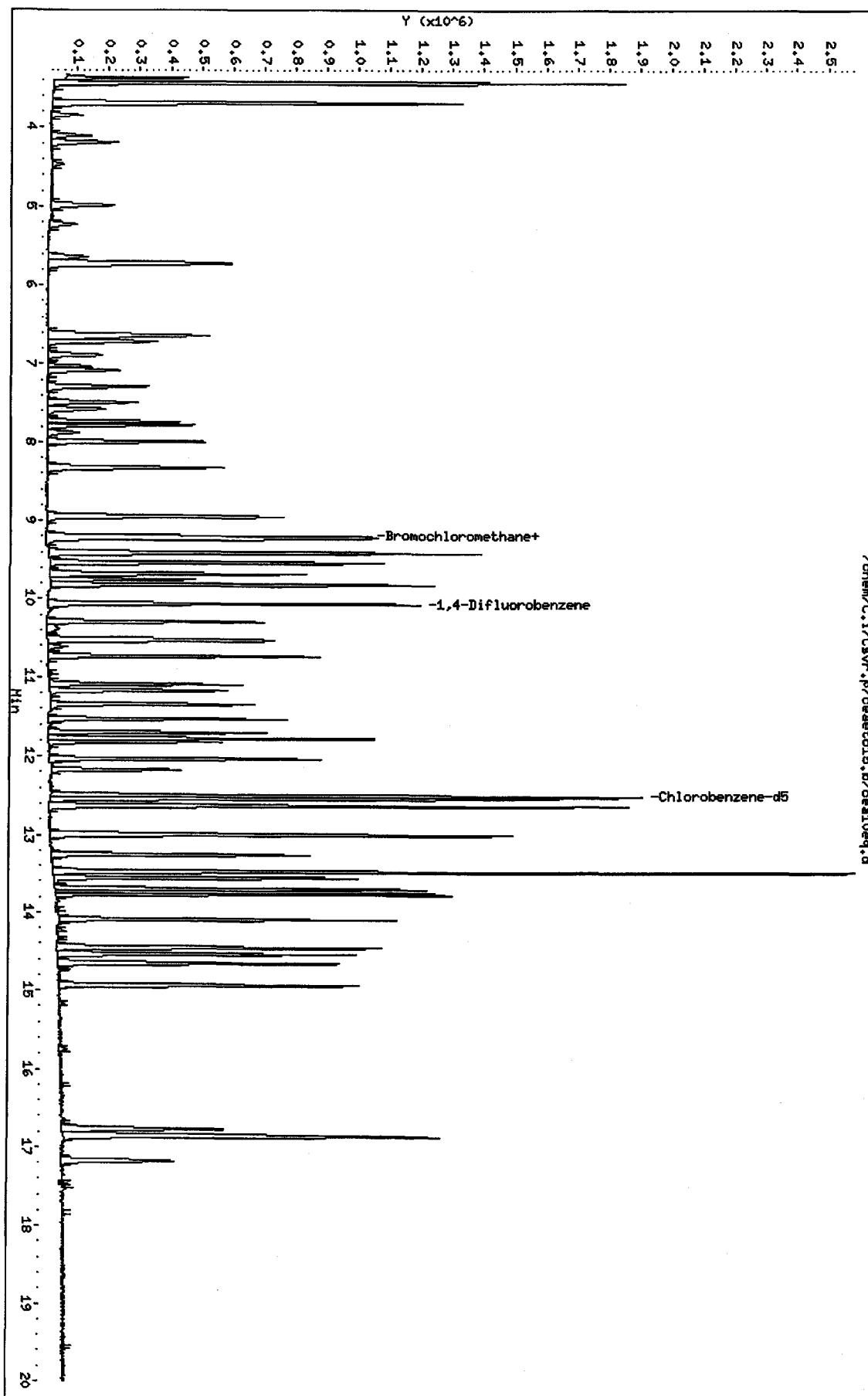
Column phase: RTX-624

Instrument: C.i

Operator: dmw

Column diameter: 0.32

Page 3



Data File: /chem/C.i/Csvr.p/ceaeto15.b/cea10eq.d
 Report Date: 04-May-2006 09:28

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceaeto15.b/cea10eq.d
 Lab Smp Id: CEAELCS Client Smp ID: CEAELCS
 Inj Date : 01-MAY-2006 22:25
 Operator : dmw Inst ID: C.i
 Smp Info :
 Misc Info : CEAELCS;050106CA
 Comment :
 Method : /chem/C.i/Csvr.p/ceaeto15.b/pto15CEA.m
 Meth Date : 04-May-2006 09:28 sv Quant Type: ISTD
 Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
 Als bottle: 1 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: T014trans.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	----	--	-----	-----	-----	-----	-----
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	1598299	11.3806	11	
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	771443	10.4231	10	
3 Chloromethane	50	3.847	3.847	(0.418)	109133	9.98864	10	
4 Vinyl Chloride	62	4.109	4.103	(0.447)	146590	9.67567	9.7	
5 1,3-Butadiene	54	4.189	4.189	(0.455)	113743	10.0473	10	
6 Bromomethane	94	4.989	4.989	(0.542)	147324	10.1066	10	
7 Chloroethane	64	5.230	5.235	(0.568)	77742	9.89616	9.9	
8 Bromoethene	106	5.646	5.646	(0.614)	73469	9.66830	9.7 (Q)	
9 Trichlorofluoromethane	101	5.726	5.731	(0.622)	680678	10.7459	11	
10 Freon TF	101	6.633	6.644	(0.721)	243601	9.60726	9.6	
11 1,1-Dichloroethene	96	6.713	6.719	(0.730)	74029	8.99013	9.0 (Q)	
14 Carbon Disulfide	76	7.082	7.087	(0.770)	286987	10.6265	11	
15 3-Chloropropene	41	7.284	7.290	(0.792)	197858	11.3757	11	
16 Methylene Chloride	49	7.487	7.492	(0.814)	212535	10.1986	10	
19 trans-1,2-Dichloroethene	61	7.786	7.791	(0.846)	257695	10.8629	11	

Data File: /chem/C.i/Csvr.p/ceaeto15.b/ceal0eq.d
Report Date: 04-May-2006 09:28

Page 2

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
*****	----	==	=====	=====	=====	=====	=====
20 n-Hexane	57	7.999	7.999	(0.869)	198509	11.0992	11
21 1,1-Dichloroethane	63	8.330	8.341	(0.905)	286608	11.1024	11
24 cis-1,2-Dichloroethene	96	8.944	8.955	(0.972)	81690	9.40840	9.4
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	76300	10.0000	(Q)
27 Chloroform	83	9.227	9.232	(1.003)	383686	10.3767	10
28 1,1,1-Trichloroethane	97	9.408	9.414	(0.935)	474882	9.53949	9.5
29 Cyclohexane	84	9.403	9.414	(0.935)	145074	9.65704	9.7(Q)
30 Carbon Tetrachloride	117	9.536	9.542	(0.948)	525199	9.83100	9.8
31 2,2,4-Trimethylpentane	57	9.675	9.686	(0.962)	588947	10.0852	10
32 Benzene	78	9.750	9.755	(0.969)	279055	9.96672	10
33 1,2-Dichloroethane	62	9.814	9.819	(0.976)	427180	10.3408	10
34 n-Heptane	43	9.814	9.819	(0.976)	283370	10.2912	10
* 35 1,4-Difluorobenzene	114	10.059	10.065	(1.000)	434047	10.0000	
36 Trichloroethene	95	10.289	10.294	(1.023)	164875	9.42667	9.4
38 1,2-Dichloropropane	63	10.529	10.540	(1.047)	130223	10.3175	10(Q)
40 Bromodichloromethane	83	10.732	10.737	(1.067)	437841	9.75811	9.8
41 cis-1,3-Dichloropropene	75	11.090	11.100	(1.102)	231852	9.59511	9.6
43 Toluene	92	11.346	11.351	(0.908)	173129	9.19479	9.2
44 trans-1,3-Dichloropropene	75	11.532	11.538	(1.146)	306698	10.2288	10
45 1,1,2-Trichloroethane	83	11.698	11.709	(0.936)	114411	10.4126	10
46 Tetrachloroethene	166	11.778	11.783	(0.942)	86732	8.94362	8.9(Q)
48 Dibromochloromethane	129	12.029	12.039	(0.962)	267150	9.69753	9.7
49 1,2-Dibromoethane	107	12.168	12.173	(0.974)	173529	9.88818	9.9
* 50 Chlorobenzene-d5	117	12.498	12.504	(1.000)	442075	10.0000	
51 Chlorobenzene	112	12.520	12.530	(1.002)	228482	9.33114	9.3(Q)
52 Ethylbenzene	91	12.536	12.541	(1.003)	551773	9.52219	9.5
53 Xylene (m,p)	106	12.627	12.632	(1.010)	296789	18.2426	18(Q)
54 Xylene (o)	106	12.984	12.995	(1.039)	145607	9.43114	9.4(Q)
56 Styrene	104	13.000	13.005	(1.040)	230918	9.22980	9.2(Q)
57 Bromoform	173	13.256	13.262	(1.061)	186565	9.28465	9.3
58 1,1,2,2-Tetrachloroethane	83	13.560	13.566	(1.085)	296118	8.88012	8.9(Q)
59 4-Ethyltoluene	105	13.694	13.699	(1.096)	572018	9.35764	9.4
60 1,3,5-Trimethylbenzene	105	13.737	13.742	(1.099)	537237	9.59499	9.6
61 2-Chlorotoluene	91	13.763	13.769	(1.101)	648637	9.59560	9.6
62 1,2,4-Trimethylbenzene	105	14.094	14.099	(1.128)	498422	9.31348	9.3
63 1,3-Dichlorobenzene	146	14.452	14.457	(1.156)	176086	8.65538	8.7
64 1,4-Dichlorobenzene	146	14.537	14.542	(1.163)	174230	8.81473	8.8
65 1,2-Dichlorobenzene	146	14.932	14.943	(1.195)	171737	9.18639	9.2
66 1,2,4-Trichlorobenzene	180	16.768	16.773	(1.342)	79850	6.55247	6.6(R)
67 Hexachlorobutadiene	225	16.853	16.864	(1.348)	105840	7.26046	7.3

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

75-71-8-----	Dichlorodifluoromethane	12	
76-14-2-----	1,2-Dichlorotetrafluoroethane	11	
74-87-3-----	Chloromethane	11	
75-01-4-----	Vinyl Chloride	10	
106-99-0-----	1,3-Butadiene	11	
74-83-9-----	Bromomethane	11	
75-00-3-----	Chloroethane	10	
593-60-2-----	Bromoethene	9.6	
75-69-4-----	Trichlorofluoromethane	11	
76-13-1-----	Freon TF	10	
75-35-4-----	1,1-Dichloroethene	9.1	
75-15-0-----	Carbon Disulfide	11	
107-05-1-----	3-Chloropropene	12	
75-09-2-----	Methylene Chloride	11	
156-60-5-----	trans-1,2-Dichloroethene	11	
110-54-3-----	n-Hexane	12	
75-34-3-----	1,1-Dichloroethane	12	
156-59-2-----	cis-1,2-Dichloroethene	9.8	
67-66-3-----	Chloroform	11	
71-55-6-----	1,1,1-Trichloroethane	9.9	
110-82-7-----	Cyclohexane	10	
56-23-5-----	Carbon Tetrachloride	10	
540-84-1-----	2,2,4-Trimethylpentane	11	
71-43-2-----	Benzene	10	
107-06-2-----	1,2-Dichloroethane	11	
142-82-5-----	n-Heptane	10	
79-01-6-----	Trichloroethene	9.8	
78-87-5-----	1,2-Dichloropropane	11	
75-27-4-----	Bromodichloromethane	10	
10061-01-5-----	cis-1,3-Dichloropropene	10	
108-88-3-----	Toluene	9.1	
10061-02-6-----	trans-1,3-Dichloropropene	11	
79-00-5-----	1,1,2-Trichloroethane	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CEAELCSD

Lab Name: STL BURLINGTON

Contract: 26012

Lab Code: STLVT

Case No.: SCOTAVI SAS No.:

SDG No.: A064147

Matrix: (soil/water) AIR

Lab Sample ID: CEAELCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CEA10EQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 05/01/06

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

127-18-4-----Tetrachloroethene	9.0	
124-48-1-----Dibromochloromethane	10	
106-93-4-----1,2-Dibromoethane	10	
108-90-7-----Chlorobenzene	9.6	
100-41-4-----Ethylbenzene	9.7	
1330-20-7-----Xylene (m,p)	19	
95-47-6-----Xylene (o)	9.7	
100-42-5-----Styrene	9.5	
75-25-2-----Bromoform	9.3	
79-34-5-----1,1,2,2-Tetrachloroethane	9.4	
622-96-8-----4-Ethyltoluene	9.5	
108-67-8-----1,3,5-Trimethylbenzene	10	
95-49-8-----2-Chlorotoluene	10	
95-63-6-----1,2,4-Trimethylbenzene	9.8	
541-73-1-----1,3-Dichlorobenzene	9.1	
106-46-7-----1,4-Dichlorobenzene	9.1	
95-50-1-----1,2-Dichlorobenzene	9.5	
120-82-1-----1,2,4-Trichlorobenzene	6.9	
87-68-3-----Hexachlorobutadiene	7.6	

FORM I VOA

Data File: /chem/C.1/Csvr.p/ceast015.b/ceast0eqd.d

Date: 01-MAY-2006 23:05

Client ID: CEALCSD

Sample Info:

Purge Volume: 200.0

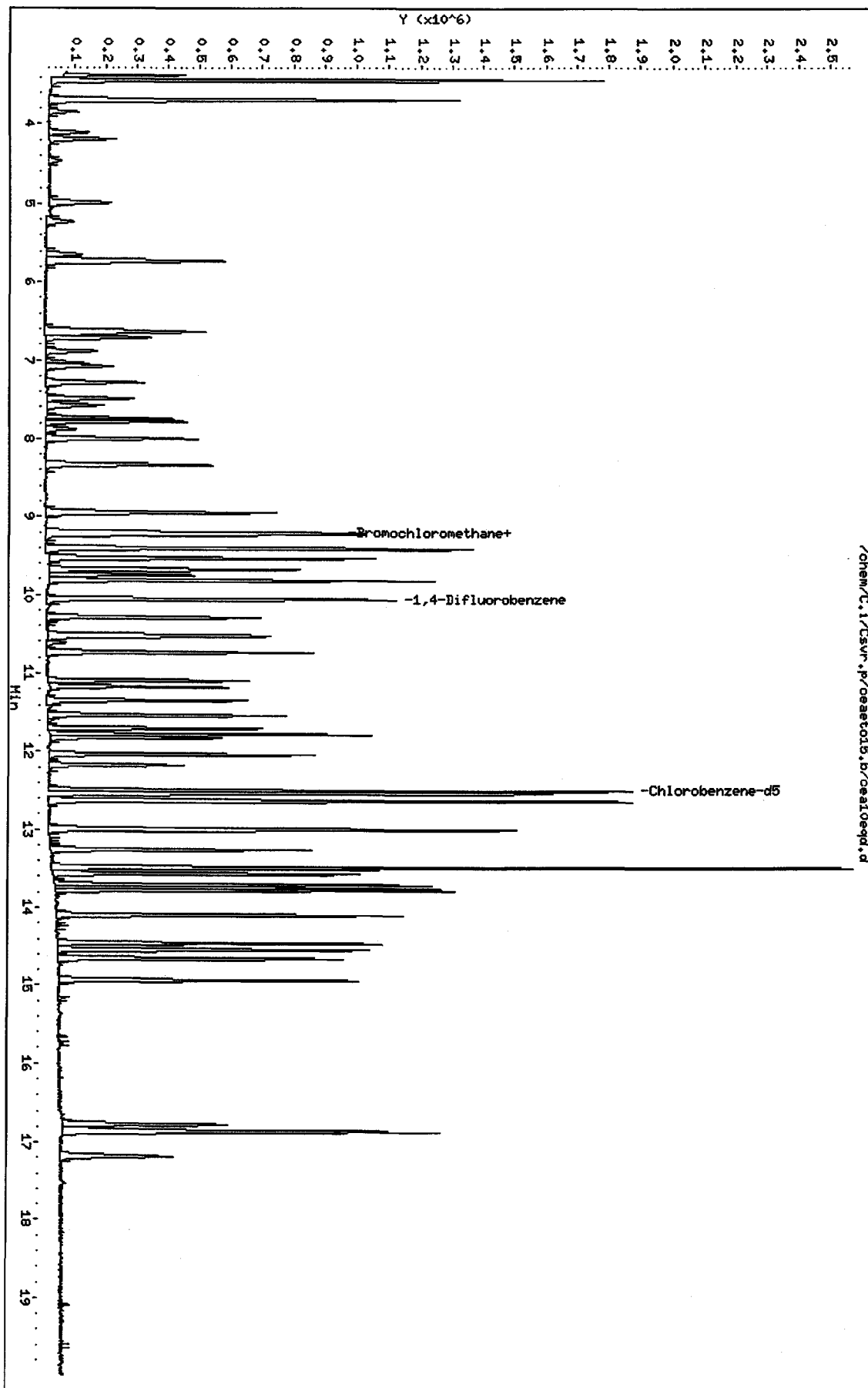
Column phase: RTX-624

Instrument: C.1

Operator: dmw

Column diameter: 0.32

Page 3



Data File: /chem/C.i/Csvr.p/ceaeto15.b/cea10eqd.d
Report Date: 04-May-2006 09:28

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/ceaeto15.b/cea10eqd.d
Lab Smp Id: CEAELCSD Client Smp ID: CEAELCSD
Inj Date : 01-MAY-2006 23:05
Operator : dmw Inst ID: C.i
Smp Info :
Misc Info : CEAELCSD;050106CA
Comment :
Method : /chem/C.i/Csvr.p/ceaeto15.b/ptol5CEA.m
Meth Date : 04-May-2006 09:28 sv Quant Type: ISTD
Cal Date : 25-APR-2006 12:54 Cal File: cea40v.d
Als bottle: 1 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: T014trans.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)
*****	----	==	-----	-----	-----	-----	-----
1 Dichlorodifluoromethane	85	3.442	3.442	(0.374)	1547294	12.0695	12
2 1,2-Dichlorotetrafluoroethane	85	3.693	3.693	(0.401)	750609	11.1101	11
3 Chloromethane	50	3.847	3.847	(0.418)	104970	10.5251	11
4 Vinyl Chloride	62	4.104	4.103	(0.446)	143270	10.3596	10
5 1,3-Butadiene	54	4.189	4.189	(0.455)	113790	11.0113	11
6 Bromomethane	94	4.989	4.989	(0.542)	143169	10.7595	11
7 Chloroethane	64	5.224	5.235	(0.568)	73553	10.2570	10
8 Bromoethene	106	5.646	5.646	(0.614)	66438	9.57794	9.6 (Q)
9 Trichlorofluoromethane	101	5.726	5.731	(0.622)	640984	11.0856	11
10 Freon TF	101	6.633	6.644	(0.721)	235157	10.1599	10
11 1,1-Dichloroethene	96	6.713	6.719	(0.730)	68090	9.05852	9.1 (Q)
14 Carbon Disulfide	76	7.082	7.087	(0.770)	268095	10.8750	11
15 3-Chloropropene	41	7.290	7.290	(0.792)	192764	12.1412	12
16 Methylene Chloride	49	7.493	7.492	(0.814)	205091	10.7812	11
19 trans-1,2-Dichloroethene	61	7.786	7.791	(0.846)	237818	10.9823	11

Data File: /chem/C.i/Csvr.p/ceaetol5.b/cea10eqd.d
Report Date: 04-May-2006 09:28

Page 2

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
20 n-Hexane	57	8.000	7.999	(0.869)	190634	11.6767	12
21 1,1-Dichloroethane	63	8.336	8.341	(0.906)	271480	11.5206	12
24 cis-1,2-Dichloroethene	96	8.949	8.955	(0.973)	77781	9.81364	9.8
* 25 Bromochloromethane	128	9.200	9.206	(1.000)	69649	10.0000	(Q)
27 Chloroform	83	9.227	9.232	(1.003)	363735	10.7766	11
28 1,1,1-Trichloroethane	97	9.408	9.414	(0.935)	461617	9.91186	9.9
29 Cyclohexane	84	9.408	9.414	(0.935)	140259	9.97973	10(Q)
30 Carbon Tetrachloride	117	9.537	9.542	(0.948)	505744	10.1190	10
31 2,2,4-Trimethylpentane	57	9.675	9.686	(0.962)	575055	10.5257	11
32 Benzene	78	9.750	9.755	(0.969)	261762	9.99316	10
33 1,2-Dichloroethane	62	9.814	9.819	(0.976)	414888	10.7352	11
34 n-Heptane	43	9.814	9.819	(0.976)	269463	10.4603	10
* 35 1,4-Difluorobenzene	114	10.060	10.065	(1.000)	406072	10.0000	
36 Trichloroethene	95	10.289	10.294	(1.023)	159676	9.75836	9.8
38 1,2-Dichloropropane	63	10.535	10.540	(1.047)	125012	10.5870	11(Q)
40 Bromodichloromethane	83	10.732	10.737	(1.067)	434022	10.3394	10
41 cis-1,3-Dichloropropene	75	11.090	11.100	(1.102)	225577	9.97856	10
43 Toluene	92	11.340	11.351	(0.907)	166116	9.05386	9.1
44 trans-1,3-Dichloropropene	75	11.533	11.538	(1.146)	300178	10.7010	11
45 1,1,2-Trichloroethane	83	11.698	11.709	(0.936)	110991	10.3665	10
46 Tetrachloroethene	166	11.778	11.783	(0.942)	84856	8.97981	9.0(Q)
48 Dibromochloromethane	129	12.034	12.039	(0.963)	268118	9.98809	10
49 1,2-Dibromoethane	107	12.173	12.173	(0.974)	172012	10.0590	10
* 50 Chlorobenzene-d5	117	12.499	12.504	(1.000)	430770	10.0000	
51 Chlorobenzene	112	12.520	12.530	(1.002)	228066	9.55859	9.6(Q)
52 Ethylbenzene	91	12.536	12.541	(1.003)	547703	9.70000	9.7
53 Xylene (m,p)	106	12.627	12.632	(1.010)	299544	18.8952	19(Q)
54 Xylene (o)	106	12.990	12.995	(1.039)	146345	9.72770	9.7(Q)
56 Styrene	104	13.000	13.005	(1.040)	231026	9.47645	9.5(Q)
57 Bromoform	173	13.256	13.262	(1.061)	181452	9.26718	9.3
58 1,1,2,2-Tetrachloroethane	83	13.561	13.566	(1.085)	305367	9.39781	9.4(Q)
59 4-Ethyltoluene	105	13.694	13.699	(1.096)	566291	9.50707	9.5
60 1,3,5-Trimethylbenzene	105	13.737	13.742	(1.099)	547094	10.0275	10
61 2-Chlorotoluene	91	13.769	13.769	(1.102)	656531	9.96727	10
62 1,2,4-Trimethylbenzene	105	14.089	14.099	(1.127)	509937	9.77871	9.8
63 1,3-Dichlorobenzene	146	14.452	14.457	(1.156)	181252	9.14313	9.1
64 1,4-Dichlorobenzene	146	14.537	14.542	(1.163)	175172	9.09497	9.1
65 1,2-Dichlorobenzene	146	14.932	14.943	(1.195)	172684	9.47946	9.5
66 1,2,4-Trichlorobenzene	180	16.768	16.773	(1.342)	82037	6.90860	6.9(R)
67 Hexachlorobutadiene	225	16.859	16.864	(1.349)	108401	7.63130	7.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.



**ORGANIC
SAMPLE PREPARATION**

SUMMA CANISTER FINAL PRESSURE CHECK RECORD

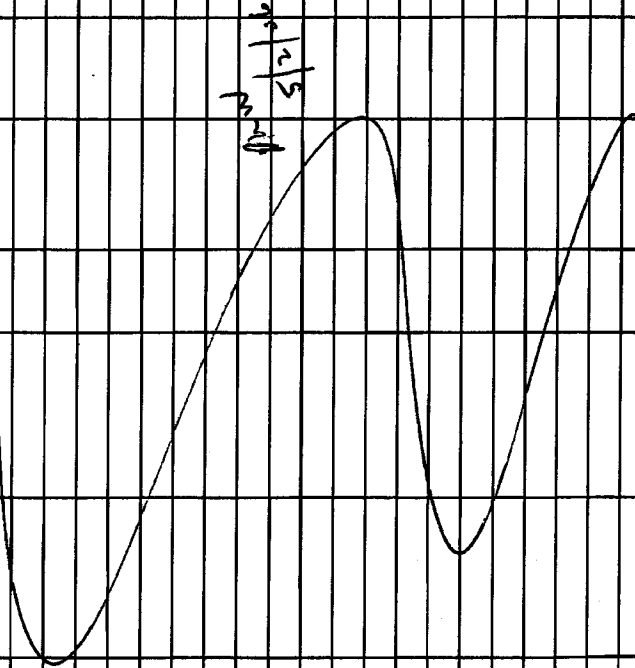
PROJECT INFORMATION					
CLIENT: STLNYB					
ETR: 113802					
DATE: 8/1/06					
ANALYST: mws					
PRESSURE CHECK					
Item	LAB ID	Serial Number	Initial Pressure ¹ "Hg	Final Pressure "Hg	Can Certification Batch ID
1	665925	2519	-30.0	-0.4	3333FA0B
2	665926	2705	-30.0	-0.2	3514FA0B
3	665927	3463	-30.0	0.0	3333FA0B
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
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21					
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23					
24					
25					

¹ The initial pressure information is recorded from the Summa Can Tag

GC/MS INSTRUMENT RUN LOG Air Lab Instrument ID: C

Batch / Method ID: CEAET015		Calibration Std. Lot # AT04136615		Instrument Performance Check (ICAL or CCAL)						
Start Date: 5/1/06	Time: 2:10	Internal Std. Lot # AT0200509		Tune Standard	RT & Ratios Updated					
Close Date: 5/2/06	Time: 2:10	ICV/LCS Lot # AT04136606		RF Summary	Internal Std. Response					
		Room Temp		°C Barometric Pressure 30.28 "Hg						
Injection Time	Lab ID	Summa Can ID	ETR	Inlet #	Volume (mL)	Dilution Factor	Internal Std.	Result Conc.	Analyst	Comments
2101	CEA07PV			-	-	N/A	-	-	gms	
2135	CEA106V			1	200		✓	✓		2↑
2225	CEA106D			1	200		✓	✓		1↑ 2↓
2305	CEA106D			1	200		✓	✓		1↑ 1↓
2345	CEA001E			2	200		✓	✓		
0026	005637D2	23896	113770	7	200	65.03	✓	✓		LOF 65.03
0106	005645D3	26026		8	10	20	✓	✓		NOT REEDED
0146	005637D3	23916	↓	7	460	37.15	✓	✓		LOF 65.03
0226	005925D	25119	113802	9	10	1000	✓	✓		1150 DIL C
0306	005926D	27005	↓	10	20	500	✓	↑		1150 DIL 705 51 615-10
0345	005927D	34063		11	10	20	✓	✓		1150 C
0425	005739	3631	113781	12	200	1	✓	✓		PCS 11,000+
0505	005740D	3794		13	50	200	✓	✓		1150 DIL PCS 1200+
0545	005741D	3551		14	20	500	✓	✓		1150 DIL AGE 2500+
0624	005742D	3207	↓	15	50	4	✓	✓		PCS 1000+
0704	006269	2989	113850	16	200	1	✓	✓		AGE 1800, Tol 960
0744	005554D	3116	113757	1	40	5	✓	↓		PR 112
0824	005555	3200	↓	2	200	1	✓	↑		PCS 120,000
0904	007068	2712	113970	3	200	1	✓	✓		
0944	007069	3374		4	200	1	✓	✓		
1023	007070	3031		5	200	1	✓	✓		
1103	007071	4066		6	200	1	✓	✓		C
1143	007072	3389		7	200	1	✓	✓		C
1222	007073	4017	↓	8	200	1	✓	✓	✓	C
1307	3164			6	1000	0.2	✓	✓	WLD	
1351	3532			7	1000	0.2	✓	✓		
1431	007069 D2	2712	113970	3	200	1	✓	✓		C
1511	007069 D2	3374		4	200	1	✓	✓	✓	C

Legend: C=Complete R=Reanalyze = High = Low = Reviewed and Acceptable

Batch / Method ID: CEA27013				Calibration Std. Lot #		Instrument Performance Check (ICAL or CCAL)				
Start Date: 5/11/06		Time: 2/01		Internal Std. Lot #		Tune Standard	RT & Ratios Updated			
Close Date: 5/12/06		Time: 2/01		ICV/LCS Lot #		RF Summary	Internal Std. Response			
				Room Temp	°C	Barometric Pressure				
				"Hg						
Injection Time	Lab ID	Summa Can ID	ETR	Inlet #	Volume (mL)	Dilution Factor	Internal Std.	Result Conc.	Analyst	Comments
1551	667070 D2	3031	115970	5	200	1	✓	✓	WNO	✓
1630	665926 D2	2705	115802	10	10	1000	✓	✓	✓	✓
1710	666269 D	2989	113250	16	10	25.4	✓	✓	✓	COF 3.22 ✓
1753	665534 D2	3146	113252	1	100	2	✓	✓	✓	✓
1833	665535 D	3200	✓	2	20	2000	✓	✓	✓	1.200000 ✓
1916	665534	3146	113757	1	200	1	✓	✓	✓	1.200000 46
2030	665534 D3	3146	✓	1	125	1.6	✓	✓	✓	✓
										

Legend: C=Complete ■ R=Reanalyze ■ = High ■ ↓= Low ■ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG
Air Lab Instrument ID: C

Batch / Method ID: CEA0105		Calibration Std. Lot #		Instrument Performance Check (ICAL or CCAL)	
Start Date: 4/25/06	Time: 2865	Internal Std. Lot #	AT0203507	Tune Standard	RT & Ratios Updated
Close Date: 4/26/06	Time: 0805	ICVILCS Lot #	AT04130606	RF Summary	Internal Std. Response
Lab ID		Summa Can ID		Room Temp	
Injection Time				°C	Barometric Pressure "Hg
0805	CEA0105				
0854	CEA002V				
0934	CEA005V				
1014	CEA05V				04/306 summer
1034	CEA10V				
1134	CEA15V				
1214	CEA20V				
1234	CEA40V				
1334	CEA60V				Proportion - 100 to 20 only
1425	CEA10G				A
1505	CEA10G				
1546	CEA6023				
1626	CEA6084				
1704	666361D4	3247			1:500dil
1748	665082D	3009			CDF 48.30 Tail 140
1824	665437D	3405			1:200dil TCE 6.3
1908	665438D	3668			
1944	665439D	3145			
2024	665440D	3762			
2108	665470D	3411			1:1000dil
2148	665498D	2541			1:2500 ML N2 1:2500
2228	665499D	3563			
2307	665200D	3663			
2347	665201D2	2921			
2427	665202D	2241			1:1000dil
2506	665055D2	3414			1:3000dil
2546	665437D2	3405			TCE 57
2626	665438D2	3468			1:2500 ML

Legend: C=Complete * R=Reanalyze * ↑ = High * ↓ = Low * ✓ = Reviewed and Acceptable



SAMPLE HANDLING

STL BURLINGTON
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: <u>SOLARB</u>	Date Received: <u>4/14/06</u>	Log In Date: <u>4/18/06</u>
ETR: <u>113802</u>	Time Received: <u>1030</u>	By: <u>JMD</u>
SDG: <u>A064147</u>	Received By: <u>JMD</u>	Signature: <u>[Signature]</u>
Project: <u>Z6012</u>	# Coolers Received: <u>1 Box</u>	PM Signature: <u>[Signature]</u>
Samples Delivered By: ☒ Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: <u>4/18/06</u>
List Air bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is <i>no</i> evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present		X		
If yes, list custody seal numbers:				

Thermal Preservation Type: ☐ Wet Ice ☐ Blue Ice ☒ None ☐ Other (specify)

IR Gun ID: <u>62</u> Correction Factor (CF) = <u>0</u> °C					
Cooler 1: <u>air</u> °C	Cooler 6 °C	Cooler 11 °C	Cooler 16 °C		
Cooler 2: °C	Cooler 7 °C	Cooler 12 °C	Cooler 17 °C		
Cooler 3: °C	Cooler 8 °C	Cooler 13 °C	Cooler 18 °C		
Cooler 4: °C	Cooler 9 °C	Cooler 14 °C	Cooler 19 °C		
Cooler 5: °C	Cooler 10 °C	Cooler 15 °C	Cooler 20 °C		

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			
CHAIN OF CUSTODY (GOC)	YES	NO	NA	COMMENTS

CHAIN OF CUSTODY (GOC)	YES	NO	NA	COMMENTS

COC is present and includes the following information for each container:

• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required	X			
If yes to above, ICOC Record initiated for every Worksheet	X			

SAMPLE INTEGRITY /USABILITY	YES	NO	NA	COMMENTS

The sample container matches the COC	X		
Appropriate sample containers were received for the tests requested	X		
Samples were received within holding time	X		
Sufficient amount of sample is provided for requested analyses	X		
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X
Appropriate preservatives were used for the tests requested			X
pH of inorganic samples checked and is within method specification			X
If no, attach Inorganic Sample pH Adjustment Form			

ANOMALY INCR SUMMARY

Lost the airbill