

June 8, 2007

Mr. Matt Forcucci
New York State Department of Health
584 Delaware Avenue
Buffalo, New York 14202

Subject: Baseline Soil Vapor Intrusion Report
Former Champion Products Facility
200 North Main Street, Perry, New York
VCP No. V000189-9
Delta Project No. 0610756P



Dear Mr. Forcucci:

On behalf of the Hanesbrands, Inc., Delta Consultants (Delta) is presenting the following Baseline Soil Vapor Intrusion (SVI) Report for the above noted facility for review by the New York State Department of Health (NYSDOH).

SITE BACKGROUND

The former Champion Products facility was owned and operated from 1955 until 1998 by Champion, an affiliate of the Sara Lee Corporation. In 1998, the property was sold to SMG Development Corporation. Champion leased the building from SMG and continued operations until December 2001. American Classic Outfitters (ACO) was formed and commenced its operations in January 2002. The ACO operation is still ongoing. Irrespective of ownership, the facility has been primarily used since 1955 for the manufacture of print screen apparel for sports teams and retail sale.

Chlorinated and non-chlorinated solvents were identified in the soil and groundwater underlying the manufacturing and warehouse building. Champion Products entered into a Voluntary Cleanup Agreement in 2000 with the New York State Department of Environmental Conservation (NYSDEC) for the remediation of the site. Hanesbrands, Inc. is now performing the activities of Champion Products under the Agreement. Since 2000, several site investigations and remedial activities have occurred, including the design, installation and operation of a dual phase vapor extraction (DPVE) system.

The DPVE system was placed in operation in July 2000 and recently shutdown in February 2007, as significant reductions in volatile organic compound (VOC) levels have been achieved and it is unlikely that any additional benefit will be derived from the continued operation of the system. Site-wide dissolved phase VOC levels have decreased by an average of 87 percent since system start-up.

A Shutdown Plan for the DPVE system was submitted to NYSDEC on February 27, 2007. The Shutdown Plan was approved on March 5, 2007 and outlined activities envisioned for site closure, including the performance of a baseline survey to evaluate a potential for a SVI exposure pathway. This report was prepared pursuant to the Shutdown Plan.

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SAMPLING PROGRAM DESCRIPTION

This evaluation was conducted consistent with a work plan prepared pursuant to the terms of the final NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State, dated October 2006. The work plan was submitted to the NYSDOH on March 12, 2007 and approved on March 13, 2007. The tasks completed as part of this effort are summarized in the sections which follow.

Pre-Sampling Building Survey

A pre-sampling building inspection was conducted prior to the collection of soil vapor samples on March 23, 2007. The pre-sampling building inspection was conducted by Gregory Drumm, CIH (Delta) with assistance from Ms. Jan Newville (ACO). As part of this task, an evaluation was conducted of the building structure, floor layout, air flows and physical conditions; potential sources of indoor air contamination were identified, including an inventory of chemicals and products; a photoionization detector (PID) survey was conducted to evaluate potential sources, when discovered; and procedures established with ACO personnel to insure that optimum conditions would exist immediately prior to the collection of samples. As part of this task, the NYSDOH Indoor Air Quality & Building Inventory Form was completed (**Appendix A**).

Key results from the March 23, 2007 pre-sampling building survey were as follows:

- The building is a one-story industrial facility with an open floor plan production area (with mezzanine areas) and an attached office area. The structure is estimated to be approximately 50 years old.
- The facility is heated by natural gas with various ceiling-mounted duct works throughout the production area.
- Air discharges included large oven units, spray booths and exhaust ventilation in the southern area of the facility and bathroom ventilation discharges.
- Air infiltration was noted at the overhead door (raised several inches) in the screen wash/spray booth area, the north and south loading dock areas, and several wall openings (e.g., west men's restroom, custodial closet near offices).
- The facility appeared to have a slightly negative air balance.
- A variety of oils and lubricants, spray adhesives, spray silicone, and solvent-based materials were observed in use or in storage throughout the production areas. Gasoline-powered equipment was also observed inside the facility including a snowblower, chainsaw, and portable generator. A chemical inventory was performed of these materials (**Appendix B**).

ACO provided a set of Material Data Safety Sheets (MSDSs) that it identified as covering the materials used in the current ACO operations. Hanesbrand has not conducted an audit of the chemicals used in current operations. A review of the MSDSs identified the presence of the following VOCs:

- Hexane
- Acetone
- Isobutane
- Propane
- Dimethyl ether
- Methylene chloride (aka: dichloromethane)
- Tetrachloroethylene (PCE)
- Mineral spirits
- Aliphatic distillates
- Aliphatic hydrocarbons
- Terpenes
- Glycol ethers

Percent compositions of these VOCs are also provided in **Appendix B**.

Sampling Collection

Soil vapor samples were collected from a total of 6 locations on March 29, 2007 as depicted in **Figure 1**:

- Upwind sample (UW-1). Assuming a prevailing westerly wind pattern, the sample was collected outdoors and away from any obvious wind obstructions and/or sources of volatile chemicals (i.e. motor vehicles, oil storage tank farm facilities, other industrial operations, etc.).
- Five indoor air locations (IA-1 through IA-5)
- Five sub-slab locations (SS-1 through SS-5)

The indoor air and sub-slab samples were co-located as follows:

- One sample in the office area (IA-1/SS-1)
- One sample downgradient of the Former Manual Screen Wash Area (IA-2/SS-2). This area is also known as the Sewing Area.
- One sample downgradient of the Current Screen Wash Area (IA-3/SS-3). This area is also known as the Fabric Cut Area.
- One sample between monitoring wells CSW-01 and MW-107 and within the Current Screen Wash Area (IA-4/SS-4). This area is also known as the Storage Rack Area.
- One sample in the vicinity of monitoring well SCR-05 and within the Former Manual Screen Wash Area (IA-5/SS-5). This area is also known as the T-Shirt Painting Area.

Sample collection procedures were as follows:

- The outdoor and indoor samples were collected at a height of approximately 4 feet.
- Sub-slab samples were collected consistent with the procedures for permanent sub-slab vapor probe installations as specified in NYSDOH SVI Guidance and the approved work plan. Sample locations were placed in areas mutually-agreed upon by Messrs. Matt Forcucci (NYSDOH) and Maurice Moore (NYSDEC) and site personnel. The designated sample locations closely matched with the locations proposed in the approved work plan.
- The installations were performed as follows:
 - Approximately 4-inch diameter holes were bored into concrete floor of the building. Borings were located away from building footers and in areas so as to minimize disruption of facility operations and egress routes.
 - Each hole was installed to a depth of approximately two-inches beneath the floor into the subgrade bedding materials.
 - The bottom inch of each hole was filled with glass bead material to serve to decrease the likelihood of collecting particulate matter during sampling.
 - One-quarter inch stainless steel tubing was inserted into the glass beads within each borehole.
 - Non-shrink grout was placed around the stainless steel tubing to reduce the likelihood for the introduction of ambient air during sampling. Beeswax was also used at several borehole locations to further assist with sealing as needed.
 - The top of the boreholes were fitted with a removal plug caps/covers.
- Helium was used as a tracer gas to confirm the integrity of the sub-slab vapor probe seal. A gas trap was made using plastic sheeting, duct taped to the floor. Teflon tubing was connected to the vapor probe outlet, threaded through the plastic and connected to a helium gas monitor. Tubing from a helium gas cylinder was placed beneath the plastic sheeting. When the sheet had visibly risen from the pressure supplied by the helium gas, the gas flow was shut off and the levels of helium were monitored for 5 minutes. If no helium was detected, the seal was considered satisfactory. If helium was detected, the seal was inspected and any cracks were sealed with beeswax and the seal retested until a satisfactory seal was confirmed.
- Prior to sample collection from the sub-slab probe locations, three sample volumes were purged from the sub-slab space at each location.

- Outdoor air, indoor air, and sub-slab vapor samples were collected using clean and certified 6-liter Summa[®] canisters at each location for a period ranging from 10 to 13 hours.
- Twelve-hour flow rate controllers were used. Flow rates ranged from 7.4-7.8 milliliters per minute (ml/min).
- Sample log sheets were completed for each sample (**Appendix C**).
- Chain of custody forms were used to track canister and sample shipments (**Appendix D**).

Prior to sampling, arrangements were made with site personnel to insure that the following conditions existed prior to the collection of samples:

- The HVAC system was operated under normal conditions at normal indoor temperatures at least 24 hours prior to and during the sampling event in a manner that represented normal conditions and building occupancy conditions.
- Unnecessary building ventilation was avoided 24 hours prior to and during sampling.
- Maintenance activities were avoided prior to and during the sampling event (e.g. painting, vehicle maintenance, smoking in the building, etc.).

Sample Analysis

Sample analytical procedures differed slightly from the approved work plan in order to permit the analysis of a more complete list of site-related VOCs.

Prior to the collection of samples, a comparison was made between the list of parameters routinely monitored at the site, the EPA Method TO-15 list and the list provided in the work plan. The work plan list, referred to as the STL Burlington NYS VI Compound List, provides for low-level analytical procedures to measure VOCs [(i.e. tetrachloroethene (PCE), trichloroethene (TCE), carbon tetrachloride (CCl₄) and 1,1,1-trichloroethane (TCA)] at detection limits less than the action levels specified in the NYSDOH Decision Matrices. The comparison indicated that a more extensive list of VOCs (the TO-15 list plus naphthalene) would require analysis to insure that most of the parameters routinely monitored at the site were tested for in the SVI samples.

All samples were analyzed by EPA Method TO-15 with low-level analysis to provide lower detection limits for TCE and CCl₄. Severn Trent Laboratories (STL), Burlington, VT, a NYSDOH ELAP-certified laboratory, was retained by Delta to provide the canisters and perform the laboratory analyses.

The laboratory results from the sampling effort are provided in **Appendix D**.

Data Usability Summary Report

A data usability summary report (DUSR) was prepared and consists of an evaluation of the analytical data to determine if the data met the site and project-specific criteria for data quality and use. The DUSR report is provided in **Appendix E**.

Key findings of the DUSR report were as follows:

- The data package provided contained the documentation required by the NYSDEP Analytical Services Protocol (ASP).
- Proper chain of custody procedures were followed.
- The overall performance of the analyses was acceptable.

The following data are considered usable, but were flagged as "J" or "estimated" as follows:

- The positive result for dichlorodifluoromethane was flagged as "J" in sample UW-1 because the percent difference (D) for this compound was above the allowable maximum in the associated initial calibration and the percent recoveries were above the quality control (QC) limits in LCS/LCSD CA041807LCS.

- The non-detected results for 1,2,4-trimethylbenzene were flagged as "J" for samples UW-1, IA-2, IA-3, IA-5, SS-3, SS-4 and SS-5 since one of the 2 percent recoveries were below QC limits in LCS/LCSD CA041807LCS.

RESULTS

PID Readings

As part of the Pre-Sampling Building Survey, PID readings were obtained at various locations throughout the facility. These results are noted in **Appendix B** and ranged from zero to 8 parts per million (ppm). No PID readings were detected in Reception/Office Area or the Custodial Closet. PID readings between zero and 0.4 ppm were noted at the North Dock, Knitting Area, Embroidery Area, Sewing, Oven Areas, the Ink Room and the Mezzanine and Upstairs Office. PID readings between 0.5 and 1 ppm were observed in the Men's Restroom (west of the Production Area), the Pattern Making/Screen Wash, the Printing Area Flammable Cabinet, the Maintenance Area and the Maintenance Flammables Cabinet #1. The highest PID levels were detected in the Maintenance Flammable Cabinet #2 (3 to 8 ppm).

Odors

During the performance of the sampling effort, odors were observed and recorded in the sample logs (**Appendix C**) at the following locations:

- Location IA-4/SS-4 (Storage Rack Area) – Faint paint smell
- Location IA-5/SS-5 (T-Shirt Painting Area) – Chemical smell

Analytical Results

Analytical results from the sampling effort are summarized in **Tables 1** through **3**. **Table 1** and **Table 2** present the results in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and parts per billion by volume (ppbv), respectively. **Table 3** presents the low-level analytical results for TCE and CCl_4 .

Elevated levels of methylene chloride in indoor air resulted in sample dilution and elevated reporting limits. The elevated reporting limits made comparison to available NYSDOH criteria limited, since in many cases, the reporting limits, although non-detect, exceeded the available criteria.

The results indicated the following:

- The outdoor air, upwind sample location (UW-1) showed low levels for only four compounds – dichlorofluoromethane ($3 \mu\text{g}/\text{m}^3$), chloromethane ($1.1 \mu\text{g}/\text{m}^3$), trichlorofluoromethane ($1.3 \mu\text{g}/\text{m}^3$), and methylene chloride ($2 \mu\text{g}/\text{m}^3$).
- Compounds identified with notably higher indoor air concentrations as compared to the corresponding sub-slab sample locations included methylene chloride and n-hexane.
- Four of the five indoor air sample locations exceeded the NYSDOH Indoor Air Guideline of $60 \mu\text{g}/\text{m}^3$ for methylene chloride (range $4900\text{--}8700 \mu\text{g}/\text{m}^3$).
- Sub-slab levels of methylene chloride were generally lower than indoor air levels by one to two orders of magnitude (range $31\text{--}900 \mu\text{g}/\text{m}^3$).
- Detectable indoor air levels of n-hexane ($110\text{ to }250 \mu\text{g}/\text{m}^3$) generally exceeded corresponding sub-slab levels by approximately an order of magnitude.
- Compounds identified with notably higher sub-slab sample levels than the corresponding indoor air levels included TCA, PCE, 1,1-dichloroethane (DCA), cyclohexane, and MEK.
- PCE levels for two indoor air sample locations, IA-3 and IA-5, exceeded the NYSDOH Air Guideline Value of $100 \mu\text{g}/\text{m}^3$ at 300 and $220 \mu\text{g}/\text{m}^3$, respectively.
- Sub-slab levels of PCE at the two corresponding sub-slab sample locations, SS-3 and SS-5, were higher than the indoor air at 630 and $1500 \mu\text{g}/\text{m}^3$, respectively. Other sub-slab levels of PCE were $81 \mu\text{g}/\text{m}^3$ at SS-1, $660 \mu\text{g}/\text{m}^3$ at SS-2 and $390 \mu\text{g}/\text{m}^3$ at SS-4.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the findings of the baseline SVI survey conducted on March 29, 2007, the following conclusions are provided:

- No direct association is apparent between the compounds detected in the outdoor and indoor air samples.
- The indoor air results for methylene chloride and PCE exceeded the NYSDOH Air Guidelines for indoor air. However, the levels detected are well below the OSHA Permissible Exposure Limits of 87,750 ug/m³ (25 ppm) and 678,330 ug/m³ (100 ppm), respectively.
- Current ACO operations more than likely contributed to the detection of some compounds in the indoor air samples, most notably methylene chloride, n-hexane, and PCE. This is consistent with findings from the pre-sampling chemical inventory, a review of MSDSs of on-site products in use, and the chemical odors noted during sampling.
- Indoor air concentrations of methylene chloride and n-hexane generally exceeded corresponding sub-slab vapor concentration by at least an order of magnitude indicating the likely association with ACO operations.
- PCE was notably higher in sub-slab samples than corresponding indoor air samples. While some of the PCE in the indoor air samples may be associated with infiltration from the sub-slab, current manufacturing and production processes may also have contributed to PCE indoor air levels observed.
- Looking at the data set as a whole, several other compounds (TCA, DCA, cyclohexane, and MEK) were found at the same locations as the elevated sub-slab PCE observations. These compounds have elevated sub-slab vapor concentrations (up to 7600 ug/m³ for TCA); however, none of these compounds were noted in indoor air at the detection limits reported indicating a potential incomplete exposure pathway from sub-slab vapor.

The following recommendations are provided:

- Assessment of the SVI results should be considered in conjunction with the results of the pending Sub-Slab Soil Investigation work, also being conducted as part of the Shutdown Plan.
- The methylene chloride and PCE indoor air results should be considered in conjunction with the fact that those chemicals are used in the workplace and the indoor air results were well below the OSHA Permissible Exposure Limits.

CLOSING

We trust that the enclosed report is informative. Please do not hesitate to contact us with any questions at (914) 765-0258 or by e-mail at asavino@deltaenv.com.

Sincerely,


Anthony Savino
Senior Consultant

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Enclosures:	Table 1	SVI Sample Results (ug/m ³)
	Table 2	SVI Sample Results (ppbv)
	Table 3	SVI Sample Results Low-Level TO-15 Analysis
	Figure 1	Soil Vapor Intrusion Sample Location Map
	Appendix A	NYSDOH Indoor Air Quality & Building Inventory Form
	Appendix B	Chemical Inventory
	Appendix C	SVI Sample Log Forms

Appendix D Laboratory Report
Appendix E Data Usability Summary Report (DUSR)

cc: Tommy Thompson, Hanesbrands
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TABLES

Table 1
Hanesbrands, Perry, NY
SVI Sample Results
(ug/m³)

Sample ID	UW-1 Outdoor	IA-1 Indoor	SS-1 Sub-slab	IA-2 Indoor	SS-2 Sub-slab	IA-3 Indoor	SS-3 Sub-slab	IA-4 Indoor	SS-4 Sub-slab	IA-5 Indoor	SS-5 Sub-slab
Dilution Factor	0.8	0.8	1.5	60.7	4.0	79.9	3.0	84.0	66.5	40.0	5.93
Parameter											
Dichlorodifluoromethane	3 J	3.4	3.7 U	150 U	9.9 U	200 U	7.4 U	210 U	160 U	99 U	15 U
1,2-Dichlorotetrafluoroethane	1.1 U	1.1 U	2.1 U	84 U	5.6 U	110 U	4.2 U	120 U	91 U	56 U	8.4 U
Chloromethane	1.1	0.99	1.5 U	62 U	4.1 U	83 U	3.1 U	87 U	68 U	41 U	6.2 U
Vinyl Chloride	0.41 U	0.41 U	0.77 U	31 U	2 U	41 U	1.5 U	43 U	33 U	20 U	3.1 U
1,3-Butadiene	0.88 U	0.88 U	1.7 U	66 U	4.4 U	88 U	3.3 U	93 U	73 U	44 U	6.6 U
Bromomethane	0.62 U	0.62 U	1.2 U	47 U	3.1 U	62 U	2.3 U	66 U	50 U	31 U	4.7 U
Chloroethane	1.1 U	1.1 U	2 U	79 U	5.3 U	110 U	4 U	110 U	87 U	53 U	7.9 U
Bromoethene	0.7 U	0.7 U	1.3 U	52 U	3.5 U	70 U	2.6 U	74 U	57 U	35 U	5.2 U
Trichlorofluoromethane	1.3	14	6.2	67 U	16	90 U	18	96 U	73 U	45	15
Freon TF	1.2 U	1.2 U	2.3 U	92 U	6.1 U	120 U	4.6 U	130 U	100 U	61 U	9.2 U
1,1-Dichloroethene	0.63 U	0.63 U	1.2 U	48 U	3.2 U	63 U	2.4 U	67 U	59	32 U	4.8 U
Acetone	9.5 U	22	55	710 U	62	950 U	81	1000 U	780 U	480 U	120
Isopropyl Alcohol	9.8 U	9.8 U	18 U	740 U	49 U	980 U	37 U	1000 U	810 U	490 U	74 U
Carbon Disulfide	1.2 U	1.2 U	3.7	93 U	6.2 U	120 U	4.7 U	130 U	100 U	62 U	9.3 U
3-Chloropropene	1.3 U	1.3 U	2.3 U	94 U	6.3 U	130 U	4.7 U	130 U	100 U	63 U	9.4 U
Methylene Chloride	2	35	31	5200	59	8700	270	5900	900	4900	120
tert-Butyl Alcohol	12 U	12 U	27	910 U	61 U	1200 U	45 U	1300 U	1000 U	610 U	91 U
Methyl tert-Butyl Ether	1.4 U	1.4 U	2.7 U	110 U	7.2 U	140 U	5.4 U	150 U	120 U	72 U	11 U
trans-1,2-Dichloroethene	0.63 U	0.63 U	1.2 U	48 U	3.2 U	63 U	2.4 U	67 U	52 U	32 U	4.8 U
n-Hexane	1.4 U	1.4 U	2.6 U	110	7 U	160	6.7	160	120 U	250	11 U
1,1-Dichloroethane	0.65 U	0.65 U	1.2 U	49 U	3.2 U	65 U	2.4 U	69 U	1300	32 U	180
1,2-Dichloroethane (total)	0.63 U	0.63 U	1.2 U	48 U	3.2 U	63 U	2.4 U	67 U	52 U	32 U	4.8 U
Methyl Ethyl Ketone	1.2 U	3.8	11	88 U	10	120 U	7.7	120 U	97 U	59 U	14
cis-1,2-Dichloroethene	0.63 U	0.63 U	1.2 U	48 U	3.2 U	63 U	2.4 U	67 U	52 U	32 U	4.8 U
Tetrahydrofuran	12 U	12 U	22 U	880 U	59 U	1200 U	44 U	1200 U	970 U	590 U	88 U
Chloroform	0.78 U	0.78 U	88	59 U	27	78 U	28	83 U	63 U	39 U	41
1,1,1-Trichloroethane	0.87 U	0.87 U	98	65 U	22	87 U	220	93 U	7600	44 U	1200
Cyclohexane	0.55 U	0.55 U	4.1	41 U	2.8 U	55 U	7.6	59 U	210	28 U	38
Carbon Tetrachloride	1 U	1 U	1.9 U	75 U	5 U	100 U	3.8 U	110 U	82 U	50 U	7.5 U
2,2,4-Trimethylpentane	0.75 U	0.75 U	1.4 U	56 U	3.7 U	75 U	2.8 U	79 U	61 U	37 U	5.6 U
Benzene	0.51 U	0.51 U	2.6	38 U	2.6 U	51 U	2.8	54 U	42 U	26 U	3.8 U
1,2-Dichloroethane	0.65 U	0.65 U	1.2 U	49 U	3.2 U	65 U	2.4 U	69 U	53 U	32 U	4.9 U
n-Heptane	0.66 U	0.66 U	1.2 U	49 U	3.3 U	66 U	3.9	70 U	53 U	33 U	4.9
Trichloroethene	0.86 U	0.86 U	16	64 U	4.3 U	86 U	3.2 U	91 U	70 U	43 U	24
1,2-Dichloropropane	0.74 U	0.74 U	1.4 U	55 U	3.7 U	74 U	2.8 U	79 U	60 U	37 U	5.5 U
1,4-Dioxane	14 U	14 U	27 U	1100 U	72 U	1400 U	54 U	1500 U	1200 U	720 U	110 U
Bromodichloromethane	1.1 U	1.1 U	5.1	80 U	5.4 U	110 U	4 U	110 U	87 U	54 U	8 U
cis-1,3-Dichloropropene	0.73 U	0.73 U	1.4 U	54 U	3.6 U	73 U	2.7 U	77 U	59 U	36 U	5.4 U
Methyl Isobutyl Ketone	1.6 U	1.6 U	86	120 U	82	160 U	45	170 U	140 U	82 U	140
Toluene	0.6 U	1.5	8.3	45 U	5.7	60 U	8.3	64 U	49 U	30 U	7.2
trans-1,3-Dichloropropene	0.73 U	0.73 U	1.4 U	54 U	3.6 U	73 U	2.7 U	77 U	59 U	36 U	5.4 U
1,1,2-Trichloroethane	0.87 U	0.87 U	1.6 U	65 U	4.4 U	87 U	3.3 U	93 U	71 U	44 U	6.5 U
Tetrachloroethene	1.1 U	1.7	81	81 U	660	300	630	120 U	390	220	1500
Methyl Butyl Ketone	1.6 U	1.6 U	210	120 U	410	160 U	94	170 U	140 U	82 U	940
Dibromochloromethane	1.4 U	1.4 U	2.6 U	100 U	6.8 U	140 U	5.1 U	140 U	110 U	68 U	10 U
1,2-Dibromoethane	1.2 U	1.2 U	2.3 U	92 U	6.1 U	120 U	4.6 U	130 U	100 U	61 U	9.2 U
Chlorobenzene	0.74 U	0.74 U	1.4 U	55 U	3.7 U	74 U	2.8 U	78 U	60 U	37 U	5.5 U
Ethylbenzene	0.69 U	0.69 U	2.3	52 U	4.8	69 U	2.7	74 U	56 U	35 U	5.2 U
Xylene (m,p)	1.7 U	1.7 U	4.8	130 U	8.7 U	170 U	7.8	180 U	140 U	87 U	13 U
Xylene (o)	0.69 U	0.69 U	1.5	52 U	3.5 U	69 U	2.6 U	74 U	56 U	35 U	5.2 U
Xylene (total)	0.69 U	0.69 U	6.5	52 U	3.5 U	69 U	7.8	74 U	56 U	35 U	5.2 U
Styrene	0.68 U	0.68 U	1.3 U	51 U	3.4 U	68 U	2.6 U	72 U	55 U	34 U	5.1 U
Bromoform	1.7 U	1.7 U	3.1 U	120 U	8.3 U	170 U	6.2 U	180 U	130 U	83 U	12 U
1,1,2,2-Tetrachloroethane	1.1 U	1.1 U	2.1 U	82 U	5.5 U	110 U	4.1 U	120 U	89 U	55 U	8.2 U
4-Ethyltoluene	0.79 U	0.79 U	2.1	59 U	3.9 U	79 U	2.9 U	84 U	64 U	39 U	5.9 U
1,3,5-Trimethylbenzene	0.79 U	0.79 U	1.5 U	59 U	3.9 U	79 U	2.9 U	84 U	64 U	39 U	5.9 U
2-Chlorotoluene	0.83 U	0.83 U	1.6 U	62 U	4.1 U	83 U	3.1 U	88 U	67 U	41 U	6.2 U
1,2,4-Trimethylbenzene	0.79 U	0.79 U	3.1	59 U	3.9 U	79 U	2.9 U	84 U	64 U	39 U	5.9 U
1,3-Dichlorobenzene	0.96 U	0.96 U	1.8 U	72 U	4.8 U	96 U	3.6 U	100 U	78 U	48 U	7.2 U
1,4-Dichlorobenzene	0.96 U	0.96 U	3.9	72 U	5.1	96 U	3.6 U	100 U	78 U	48 U	7.2 U
1,2-Dichlorobenzene	0.96 U	0.96 U	1.8 U	72 U	4.8 U	96 U	3.6 U	100 U	78 U	48 U	7.2 U
1,2,4-Trichlorobenzene	3 UJ	3 U	5.6 U	220 UJ	15 U	300 UJ	11 UJ	310 U	240 UJ	150 UJ	22 UJ
Hexachlorobutadiene	1.7 U	1.7 U	3.2 U	130 U	8.5 U	170 U	6.4 U	180 U	140 U	85 U	13 U
Naphthalene	2.1 U	2.1 U	3.9 U	160 U	10 U	210 U	7.9 U	220 U	170 U	100 U	16 U

Notes:

1. All concentrations in micrograms per cubic meter (ug/m³)
2. U = Not detected at reporting limit
3. J = Estimated based upon DUSR
4. Bold value indicates exceedance of NYSDOH Indoor Air Guideline Value; methylene chloride = 60 ug/m³; tetrachloroethene = 100 ug/m³.

Table 2
Hanesbrands, Perry, NY
SVI Sample Results
(ppbv)

Sample ID	UW-1 Outdoor	IA-1 Indoor	SS-1 Sub-slab	IA-2 Indoor	SS-2 Sub-slab	IA-3 Indoor	SS-3 Sub-slab	IA-4 Indoor	SS-4 Sub-slab	IA-5 Indoor	SS-5 Sub-slab
Dilution Factor	0.8	0.8	1.5	60.7	4.0	79.9	3.0	84.0	66.5	40.0	5.93
Parameter											
Dichlorodifluoromethane	0.61 J	0.68	0.75 U	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U
1,2-Dichlorotetrafluoroethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Chloromethane	0.52	0.48	0.75 U	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U
Vinyl Chloride	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,3-Butadiene	0.4 U	0.4 U	0.75 U	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U
Bromomethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Chloroethane	0.4 U	0.4 U	0.75 U	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U
Bromoethene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Trichlorofluoromethane	0.24	2.5	1.1	12 U	2.9	16 U	3.2	17 U	13 U	8	2.6
Freon TF	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,1-Dichloroethene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	15	8 U	1.2 U
Acetone	4 U	9.1	23	300 U	26	400 U	34	420 U	330 U	200 U	51
Isopropyl Alcohol	4 U	4 U	7.5 U	300 U	20 U	400 U	15 U	420 U	330 U	200 U	30 U
Carbon Disulfide	0.4 U	0.4 U	1.2	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U
3-Chloropropene	0.4 U	0.4 U	0.75 U	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U
Methylene Chloride	0.59	10	8.9	1500	17	2500	77	1700	260	1400	34
tert-Butyl Alcohol	4 U	4 U	9	300 U	20 U	400 U	15 U	420 U	330 U	200 U	30 U
Methyl tert-Butyl Ether	0.4 U	0.4 U	0.75 U	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U
trans-1,2-Dichloroethene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
n-Hexane	0.4 U	0.4 U	0.75 U	32	2 U	46	1.9	45	33 U	71	3 U
1,1-Dichloroethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	330	8 U	44
1,2-Dichloroethene (total)	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Methyl Ethyl Ketone	0.4 U	1.3	3.8	30 U	3.5	40 U	2.6	42 U	33 U	20 U	4.7
cis-1,2-Dichloroethene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Tetrahydrofuran	4 U	4 U	7.5 U	300 U	20 U	400 U	15 U	420 U	330 U	200 U	30 U
Chloroform	0.16 U	0.16 U	18	12 U	5.6	16 U	5.8	17 U	13 U	8 U	8.4
1,1,1-Trichloroethane	0.16 U	0.16 U	18	12 U	4	16 U	41	17 U	1400	8 U	220
Cyclohexane	0.16 U	0.16 U	1.2	12 U	0.8 U	16 U	2.2	17 U	62	8 U	11
Carbon Tetrachloride	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
2,2,4-Trimethylpentane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Benzene	0.16 U	0.16 U	0.81	12 U	0.8 U	16 U	0.89	17 U	13 U	8 U	1.2 U
1,2-Dichloroethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
n-Heptane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.96	17 U	13 U	8 U	1.2
Trichloroethene	0.16 U	0.16 U	3	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	4.4
1,2-Dichloropropane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,4-Dioxane	4 U	4 U	7.5 U	300 U	20 U	400 U	15 U	420 U	330 U	200 U	30 U
Bromodichloromethane	0.16 U	0.16 U	0.76	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
cis-1,3-Dichloropropene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Methyl Isobutyl Ketone	0.4 U	0.4 U	21	30 U	20	40 U	11	42 U	33 U	20 U	33
Toluene	0.16 U	0.4	2.2	12 U	1.5	16 U	2.2	17 U	13 U	8 U	1.9
trans-1,3-Dichloropropene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,1,2-Trichloroethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Tetrachloroethene	0.16 U	0.25	12	12 U	98	44	93	17 U	57	33	220
Methyl Butyl Ketone	0.4 U	0.4 U	51	30 U	99	40 U	23	42 U	33 U	20 U	230
Dibromochloromethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,2-Dibromoethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Chlorobenzene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Ethylbenzene	0.16 U	0.16 U	0.53	12 U	1.1	16 U	0.63	17 U	13 U	8 U	1.2 U
Xylene (m,p)	0.4 U	0.4 U	1.1	30 U	2 U	40 U	1.8	42 U	33 U	20 U	3 U
Xylene (o)	0.16 U	0.16 U	0.35	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Xylene (total)	0.16 U	0.16 U	1.5	12 U	0.8 U	16 U	1.8	17 U	13 U	8 U	1.2 U
Styrene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Bromoform	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,1,2,2-Tetrachloroethane	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
4-Ethyltoluene	0.16 U	0.16 U	0.42	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,3,5-Trimethylbenzene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
2-Chlorotoluene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,2,4-Trimethylbenzene	0.16 U	0.16 U	0.63	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,3-Dichlorobenzene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,4-Dichlorobenzene	0.16 U	0.16 U	0.65	12 U	0.84	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,2-Dichlorobenzene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
1,2,4-Trichlorobenzene	0.4 UJ	0.4 U	0.75 U	30 UJ	2 U	40 UJ	1.5 UJ	42 U	33 UJ	20 UJ	3 UJ
Hexachlorobutadiene	0.16 U	0.16 U	0.3 U	12 U	0.8 U	16 U	0.6 U	17 U	13 U	8 U	1.2 U
Naphthalene	0.4 U	0.4 U	0.75 U	30 U	2 U	40 U	1.5 U	42 U	33 U	20 U	3 U

Notes:

1. All concentrations in parts per billion by volume (ppbv)
2. U = Not detected at reporting limit
3. J = Estimated based upon DUSR

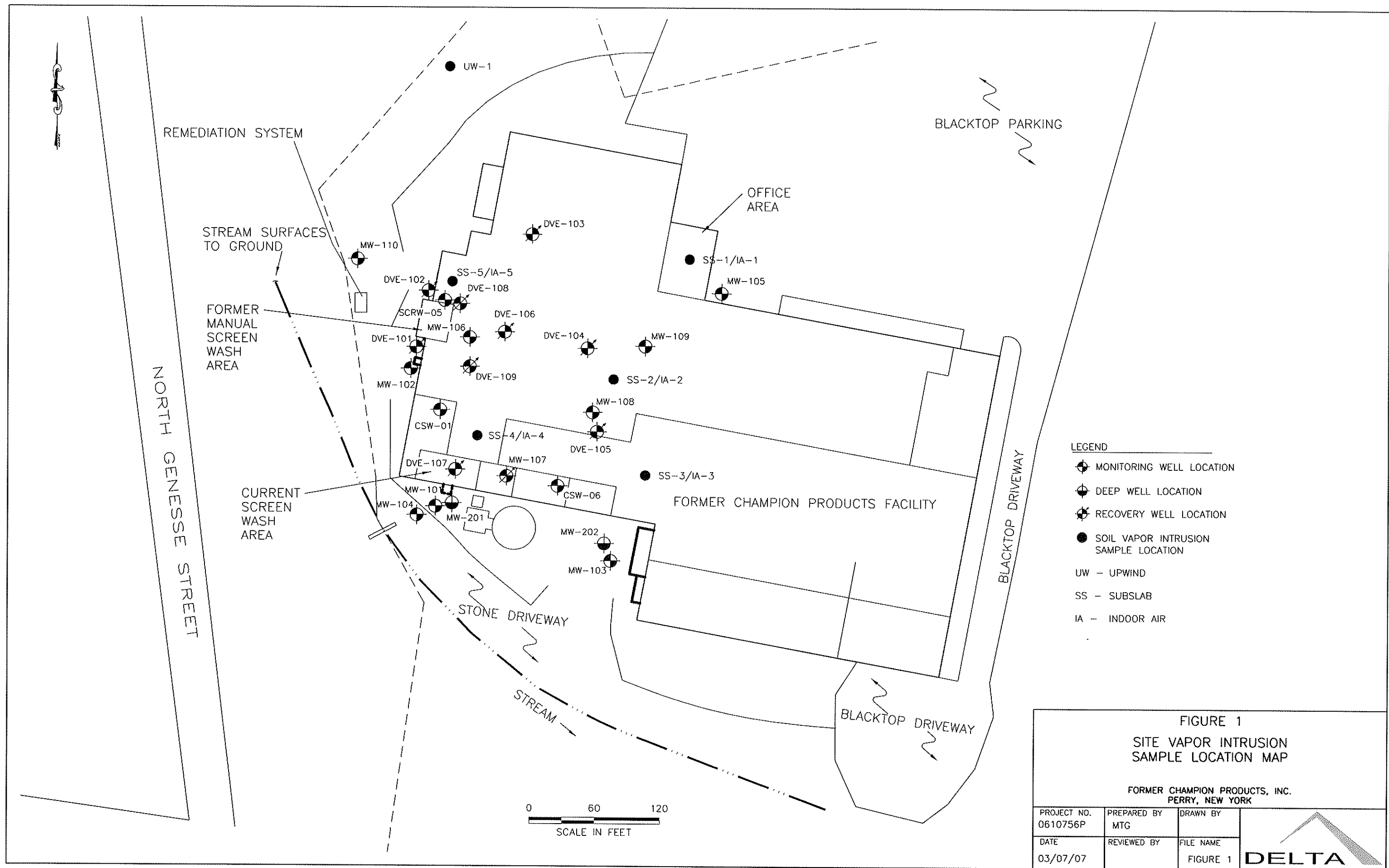
Table 3
Hanesbrands, Perry, NY
SVI Sample Results
Low-Level TO-15 Analysis

Sample ID	UW-1 Outdoor	IA-1 Indoor
Dilution Factor	4.0	4.0
Parameter (ppbv)		
Carbon Tetrachloride	0.061	0.064
Trichloroethene	0.04 U	0.04 U
Parameter (ug/m ³)		
Carbon Tetrachloride	0.38	0.4
Trichloroethene	0.21 U	0.21 U

Notes:

1. U = Not detected at reporting limit

FIGURES



APPENDIX A

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Carey Drumm Date/Time Prepared Mar 23, 2007
Preparer's Affiliation Delta Consultants Phone No. 315 445 0224
Purpose of Investigation Soil Vapor Investigation

1. OCCUPANT:

Interviewed: Y/N

Last Name: Hanesbrands, Inc First Name: (American Classic Outfitters)
Address: 200 North Main Street, Perry, NY
County: Wyoming
Home Phone: X Office Phone: 585 237 6111
Number of Occupants/persons at this location ~ 95 Age of Occupants adults

2. OWNER OR LANDLORD: (Check if same as occupant ☒)

Interviewed: Y/N

Last Name: _____ First Name: _____
Address: _____
County: _____
Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response) N/A

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? X various additions, bldg/site shared - other businesses

If the property is commercial, type?

Business Type(s) Print Screen Apparel

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? X

Other characteristics:

Number of floors 1 ^{plus} perman Building age 50 yr ^{addition} 30 yr

Is the building insulated? Y (N) ^{area} How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

exhaust from oven (screen wash)
spring booths, bathroom vents to
outside

see diagram "Air Flows"

Outdoor air infiltration

at docks, ~~sp~~ janitor closet from office area,
men's room (west) screen with overhead door raised
several inches

Infiltration into air ducts

office areas - HVAC ducts w/ return air

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: NA full crawlspace slab other _____
- c. Basement floor: 11 concrete dirt stone other _____
- d. Basement floor: 11 uncovered covered covered with _____
- e. Concrete floor: unscaled sealed some sealed with _____
- f. Foundation walls: NA poured block stone other _____
- g. Foundation walls: NA unsealed sealed sealed with _____
- h. The basement is: NA wet damp dry moldy
- i. The basement is: NA finished unfinished partially finished
- j. Sump present? NA Y/N
- k. Water in sump? NA Y/N/not applicable

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

monitoring wells, water piping in some area - nothing notably significant

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply -- note primary)

Hot air circulation
Space Heaters
Electric baseboard

Heat pump
Stream radiation
Wood stove

Hot water baseboard
Radiant floor
Outdoor wood boiler

Other _____

The primary type of fuel used is:

Natural Gas
Electric
Wood

Fuel Oil
Propane
Coal

Kerosene
Solar

Domestic hot water tank fueled by: natural gas

Boiler/furnace located in: Basement Outdoors Main Floor

Other roof mounts

Air conditioning: Central Air Window units Open Windows

None

space heaters

offices + prodn

Are there air distribution ducts present?

☒ N in office + production areas

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Noted air currents in bldg:

- (1) from top of office area (ceiling space) into janitor closet
 (2) infiltration from north docks, (3) bathroom exhausts to roof
 (4) towards spray booths/screen wash, (5) infiltrate from under dock door in screen wash, (6) south dock flow into sawing
 (7) over units - exhausting

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	N/A
1 st Floor	~ 95
2 nd Floor	N/A
3 rd Floor	N/A
4 th Floor	N/A

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y ☒ N
- b. Does the garage have a separate heating unit? Y / N / NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) ☒ Y ☒ N / NA snowblower at North end docks w/ gas can
Please specify
- d. Has the building ever had a fire? Y / N When? ☒ Y / N Where? various
- e. Is a kerosene or unvented gas space heater present? ☒ Y / N Where & Type? N/A
- f. Is there a workshop or hobby/craft area? Y / N Where & Type? N/A
- g. Is there smoking in the building? Y ☒ N How frequently? only routine janitorial
- h. Have cleaning products been used recently? Y / N When & Type? only routine janitorial
- i. Have cosmetic products been used recently? Y ☒ N When & Type?

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? ☒ Y N When & Type? bathrooms
- m. Is there a kitchen exhaust fan? N/A Y / N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? ☒ Y N If yes, where vented? roof
- o. Is there a clothes dryer? yes new maint ☒ Y N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y / ☒ N When & Type? _____

Are there odors in the building?

If yes, please describe: natural gas exhaust (slight?), slight solvent in some areas

Do any of the building occupants use solvents at work? ☒ Y ☐ N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? see inventory

If yes, are their clothes washed at work?

Y / ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y / ☒ N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: N/A

b. Residents choose to: remain in home ☒ relocate to friends/family ☐ relocate to hotel/motel ☐

c. Responsibility for costs associated with reimbursement explained? Y / N

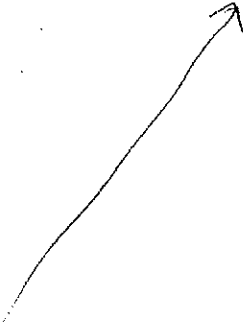
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

(no basement) see attachments



First Floor:

see attachments

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

see map plan & associated
attachments

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Air Flows
3/23/07

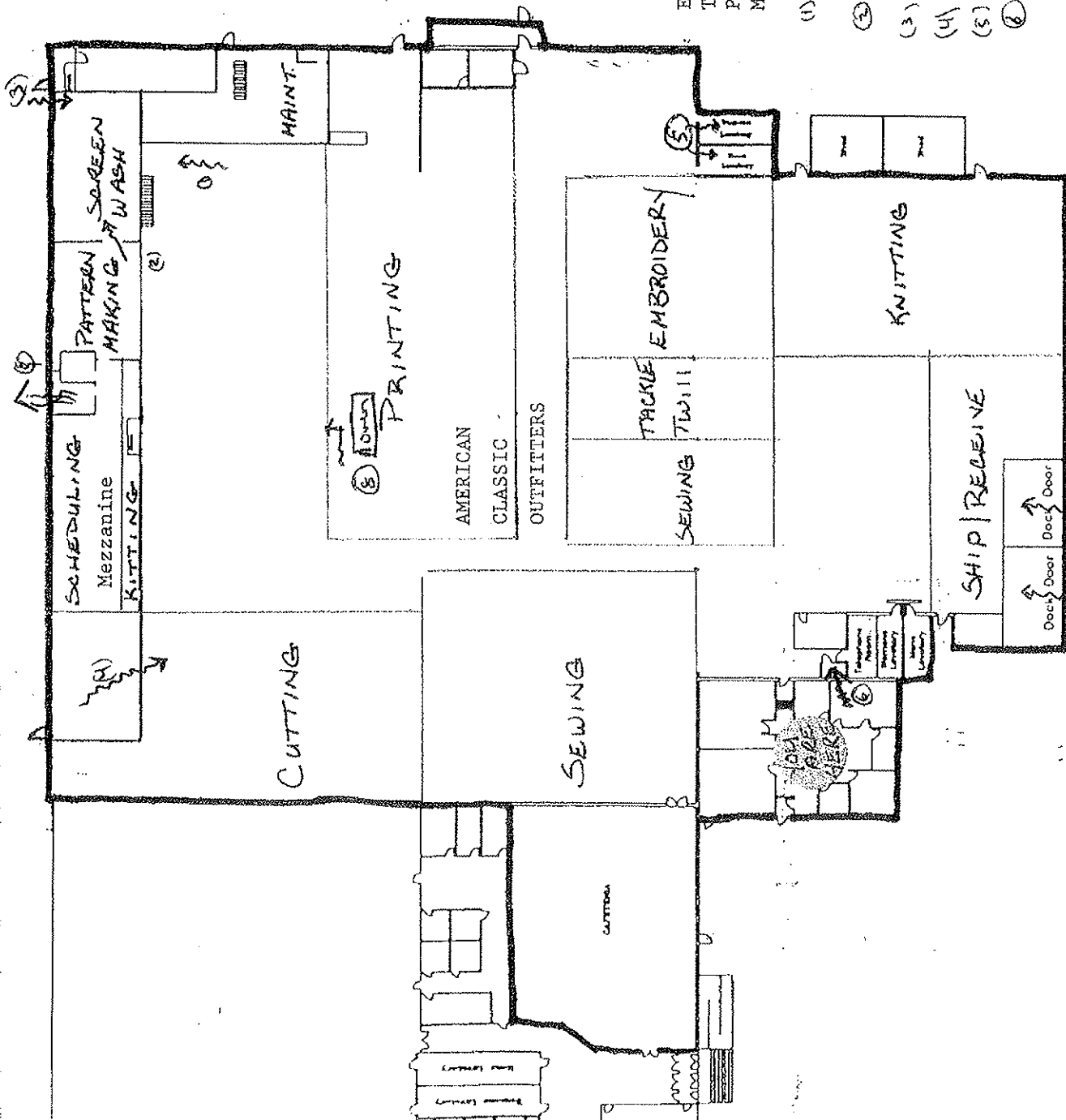
④ → air flow

EMERGENCY EXITS

- 1 Main Entrance
- 2 Employee Entrance
- 3 Knitting
- 4 Knitting
- 5 Ink Room
- 6 Maintenance Shop
- 7 Screen Making
- 8 Cutting
- 9 Cafeteria

EMPLOYEES SHOULD EXIT THROUGH
THE CLOSEST EXIT DOOR AND
PROCEED TO THE DESIGNATED
MEETING SPOT IN THE PARKING LOT.

- (1) towards screen wash
- exhausts on spray booths
- (2) towards screen wash
- (3) infiltration under dock door
- (4) unused dock area towards cutting
- (5) between vents exhaust to roof
- (6) from top of offices - infiltration
into janitors closet
- (7) infiltration from docks
- (8) over doors in air, exhaust to roof
- (9) exhaust ventilation for outside



NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Carey Drumm Date/Time Prepared Nov 23, 2007
Preparer's Affiliation Delta Consultants Phone No. 315 445 0224
Purpose of Investigation Soil Vapor Investigation

1. OCCUPANT:

Interviewed: Y/N

Last Name: Hanesbrands, Inc First Name: (American Classic Outfitters)
Address: 200 North Main Street, Perry, NY
County: Wyoming
Home Phone: X Office Phone: 585 237 6111
Number of Occupants/persons at this location ~95 Age of Occupants adults

2. OWNER OR LANDLORD: (Check if same as occupant ☒)

Interviewed: Y/N

Last Name: _____ First Name: _____
Address: _____
County: _____
Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
<u>Industrial</u>	Church	Other: _____

If the property is residential, type? (Circle appropriate response) N/A

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? X various additions, bldg/site shared w/ other businesses

If the property is commercial, type?

Business Type(s) Print Screen Apparel

Does it include residences (i.e., multi-use)? Y/N If yes, how many? X

Other characteristics:

Number of floors 1 ^{plw} _{perman} Building age 50 yr _{addition 30 yr}

Is the building insulated? Y/N _{area} How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

exhaust from oven (Screen mesh) spray booths, bathroom vents to outside

see diagram "Air Flows"

Outdoor air infiltration

at docks, sp jointer closet from office area, men's room (west) screen mesh overhead door raised several inches

Infiltration into air ducts

office areas - HVAC ducts w/return air

APPENDIX B

Hanesbrands – Perry, NY
March 23, 2007

SVI -- Chemical Inventory

Reception/Office Area: *PID = 0.0 ppm*

- 1 spray can CRC Silicone Lubricant
- 1 qt isopropyl alcohol
- 1 spray can static-gard
- 1 bottle lemon oil

Custodial Closet (near door to offices from plant): *PID = 0.0 ppm*

- 2 – 1 gal bottles Lysol anti-bacterial cleaner
- 1 gal Windex
- 2 – 1 gal Nugget “Pine Odor” cleaner
- 1 spray can silicone
- 1 spray can “Duster Plus”
- 3 – 5 gal pails “Husky 911 Non-Chlorinated Industrial Solvent (glycol ethers)”

North Dock Area: *PID = 0.2 ppm (at gas tank)*

- walk behind snowblower

Knitting: *PID = 0.2 ppm*

- 6-8 gal misc. oils on cart in 3 containers
- 1 can spray silicone
- light machine oil used to lubricate equipment in area
- 1 spray can wasp/hornet spray

Embroidery – Work Bench: *PID = 0.0 ppm*

- 1 spray can 3M Citrus Base Cleaner
 - 70-80% d-limonene
 - 10-20% propane
 - 7-13% trade secret surfactant
- 1 grease gun
- 1 spray can WD-40
- 1 can Teflon lubricant
- 1 qt can unknown solvent
- 1 pint Marvel mystery Oil

Embroidery – Embroidery Machines: *PID = 0.2 ppm*

- several small bottles machine oil
- several cans of spray adhesive (Camie300)
 - 45% hexane
 - 20% acetone
 - 15% isobutane
 - 10% propane
 - 5% dimethyl ether
- several spray cans of WD-40
- several cans of lithium grease

Men’s Restroom (west production area): *PID = 0.5 ppm*

- wall mounted air freshner/deodorizer
- 1 spray can deodorizer/air freshner

Sewing: *PID = 0.1 to 0.2 ppm*

- Several spray cans WD-40
- Several spray cans wasp/hornet spray

March 23, 2007

SVI -- Chemical Inventory

- Several cans spray adhesive (Camie 300)
- Several spray cans silicone
- Several spray cans CRC Contact Cleaner
 - 0-60% 1-methoxy-nonafluorobutane
 - 0-60% 1-methoxy-nonaisofluorobutane
 - 0-60% decafluoropentane
 - 30-50% difluoroethane
- Several applicators for machine oil
- 1+ gal “Champion Blend” Solvent
- 1 solvent rag container (w/Triple Blend?)

Oven Area: PID = 0.2 ppm

- 1 spray can Suave Hair Spray
- 1 pint isopropyl alcohol
- 2 small bottles stain remover
- several spray cans of spray adhesive (Camie 300)
- several spray cans of spot remover
- 2 – 1 gal containers of “Champion Blend” (aka Triple Blend) solvent
 - unknown % MeCl
 - unknown % PCE
- 1 solvent rag container (w/Triple Blend?)
- 2 gal +/- Press Wash (propylene glycol methyl ether)

Cutting:

- several spray cans silicone lube

Pattern Making/Screen Wash: PID = 0.4 – 0.5 ppm

- 1 qt ink wash
- 1 spray can room freshner/deodorizer
- 4 -1 gal cans Liquid Seal Solvent (MeCl based)
 - 85% methylene chloride (dichloromethane)
- 3 cans Liquid Seal catalyst
- 1 gal hydraulic oil
- 2 qts motor oil
- 2 – 55 gal drums Sunrise 2250 Stencil Reclaimer (open bung on one drum) – PID = 0.6 ppm
 - 1-10% sodium metaperiodate
- 2 – 55 gal drums Sunrise 2440 Ink Degradent (open bung on one drum)
- 1 – 55 gal drum Sunrise 500 Degreaser (open bung)
 - none listed

Flammables Cabinet – Printing Area: PID = 0.6 ppm

- 6-8 spray cans CRC Food Grade Silicone
- 3-4 spray cans Spray Adhesive (Camie 300)
- 6 – 5 gal pails Viscosity Reducer
 - <1.5% mineral spirits
- 3 – 5 gal pails Multi-Tech Reducer/Thinner
 - 100% aliphatic distillates

Hanesbrands – Perry, NY

March 23, 2007

SVI -- Chemical Inventory

Printing (Oven): *PID = 0.2 ppm*

- several spray cans Spray Adhesive (Camie 300)
- small tub hand cleaner
- Numerous inks in area
- 1 – 55 gal drum (mostly empty) ICC 872 Spray/Wip
 - <50% proprietary glycol ethers
 - >10% aliphatic hydrocarbon
 - >10% terpenes
- Empty/open container Press Wash – *PID > 10 ppm at bung*

Ink Room: *PID = 0.3 ppm*

- 100's of containers/ gallons of various inks – inks listed as non-VOC

Maintenance Area: *PID = 0.5 ppm*

- 1 qt pulling lube
- 4 -5 gal Amstone “Filler Sealer”
- Oily rag/solvent can
- 5000 Watt Portable generator (gasoline)
- Several spray cans WD-40
- Solvent parts cleaner (mineral spirits based)
- Open cutting oil reservoir on band saw

Maintenance Flammables Cabinet #1: *PID = 0.8 ppm*

- 6 – 1 gal cans misc paint/adhesive/shellac
- 2 – 3 gall gas can
- chain saw
- 5 gal press oil
- 5 spray cans clipper blade lube
- 8 spray cans vinyl strippable protective coating
- 5 gal hydraulic fluid

Maintenance Flammables Cabinet #2: *PID = 3 - 8 ppm*

- 15 misc spray cans (WD-40, silicone, flea killer, Teflon lube, etc.)
- 20 spray cans CRC Food Grade Silicone
- 1 gas can w/2-3 gal
- 2 – 5 gal containers hydraulic fluid
- 3 – 1 gal containers primer cold process cement
- 2 qts motor oil
- 1 qt MinWax stain
- 1 gal Fibre-Hair Plastic Filler

Mezzanine & Upstairs Office: *PID = 0.2 ppm*

- several misc. spray cans (Pledge, Static-Gard, spray adhesive, etc)

Notes:

1. ppm = parts per million
2. Products with MSDSs indicating VOCs and other organic compounds are highlighted in yellow

APPENDIX C



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: W-1 Sample Location: NORTH OF BUILDING

Sample Type: ☐ Soil Gas ☒ Outdoor Air ☐ Near Slab ☐ Sub-Slab ☐ Indoor

Sample Depth (ft. bgs): _____ Sample Height (ft): 50'

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 3434 Flow Controller ID: 4505
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
3/29	10:45	Install Probe/Locate Sampler	
		Purge Probe	Method: _____ # of Purge Volumes _____
3/29	10:56	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	8:50	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☐ Yes ☒ No If "yes," identify gas used: _____

	Temperature (°F)		Pressure (Inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:**Weather Conditions:**

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

COOL, SUNNY

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☐ Yes ☒ No

If "yes," describe:

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:

Delivery Truck was near sampler @ around 3pm.



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: IA-1 Sample Location: OFFICE SPACE

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☐ Sub-Slab ☒ Indoor

Sample Depth (ft. bgs): _____ Sample Height (ft): 50'

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: _____ Flow Controller ID: _____
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
	<u>10:35</u>	Install Probe/Locate Sampler	
	<u>10:40</u>	Purge Probe	Method: _____ # of Purge Volumes _____
	<u>10:50</u>	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	<u>9:00 PM</u>	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☐ Yes ☒ No If "yes," identify gas used: _____

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:**Weather Conditions:**

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☐ Yes ☐ No

If "yes," describe:

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: SS-1 Sample Location: OFFICE SPACE

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☒ Sub-Slab ☐ Indoor

Sample Depth (ft. bgs): 2" BELOW SLAB Sample Height (ft): _____

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 10 Canister ID: 4326 Flow Controller ID: 3763
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
	<u>10:35</u>	Install Probe/Locate Sampler	
	<u>10:40</u>	Purge Probe	Method: <u>VACUUM</u> # of Purge Volumes <u>3 VOLUMES</u>
	<u>10:50</u>	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	<u>11:00 PM</u>	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☒ Yes ☐ No If "yes," identify gas used: HELIUM

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:

Weather Conditions:

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☐ Yes ☒ No

If "yes," describe:

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: LA-2 Sample Location: SEWING AREA

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☐ Sub-Slab ☒ Indoor

Sample Depth (ft. bgs): _____ Sample Height (ft): 50"

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 4072 Flow Controller ID: 3767
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
	5:30	Install Probe/Locate Sampler	
	5:50	Purge Probe	Method: <u>Vacuum Pump</u> # of Purge Volumes <u>3</u>
	6:00 PM	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	4:00 PM	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☐ Yes ☒ No If "yes," identify gas used: _____

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:

Weather Conditions:

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☐ Yes ☐ No

If "yes," describe:

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:

SEWING RESISTED THROUGHOUT SAMPLING EVENT



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: SS-7 Sample Location: SEWING AREA

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☒ Sub-Slab ☐ Indoor

Sample Depth (ft. bgs): 2" Below Slab Sample Height (ft): _____

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 2862 Flow Controller ID: 2839
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
	5:30	Install Probe/Locate Sampler	
	5:50	Purge Probe	Method: <u>VACUUM</u> # of Purge Volumes <u>3</u>
	6:00 AM	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	4:00 PM	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☒ Yes ☐ No If "yes," identify gas used: Helium

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:**Weather Conditions:**

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

Sunny & Cool

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☐ Yes ☒ No

If "yes," describe:

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:

SEWING PERSISTED THROUGHOUT SAMPLING EVENT



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 24, 2007

SAMPLE INFORMATION

Sample ID: ~~EA-2~~ EA-3 Sample Location: FABRIC CUTTING AREA

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☐ Sub-Slab ☒ Indoor

Sample Depth (ft. bgs): _____ Sample Height (ft): 50'

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 4379 Flow Controller ID: 2237
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
	<u>9:15</u>	Install Probe/Locate Sampler	
		Purge Probe	Method: _____ # of Purge Volumes _____
	<u>9:34</u>	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	<u>9:08</u>	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☐ Yes ☒ No If "yes," identify gas used: _____

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:**Weather Conditions:**

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☐ Yes ☒ No

If "yes," describe:

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: ~~SS-2~~ SS-3 *SS-3* Sample Location: FABRIC CUTTING AREA

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☒ 4-Sub-Slab ☐ Indoor

Sample Depth (ft. bgs): 2" Below Slab Sample Height (ft): _____

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 4148 Flow Controller ID: 2767
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
3/	9:15	Install Probe/Locate Sampler	
	9:20	Purge Probe	Method: <u>Vacuum</u> # of Purge Volumes <u>3</u>
	9:34	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	9:08	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☒ Yes ☐ No If "yes," identify gas used: HELIUM

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:

Weather Conditions:

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☐ Yes ☒ No

If "yes," describe:

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: IA-3 IA-4 Sample Location: STORAGE RACK AREA

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☐ Sub-Slab ☒ Indoor

Sample Depth (ft. bgs): _____ Sample Height (ft): 50"

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 4209 Flow Controller ID: 3303
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
	<u>6:40</u>	Install Probe/Locate Sampler	
	<u>7:00 AM</u>	Purge Probe	Method: <u>Vacuum</u> # of Purge Volumes <u>3</u>
	<u>7:10 AM</u>	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	<u>5:40</u>	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☐ Yes ☒ No If "yes," identify gas used: _____

	Temperature (°F)		Pressure (Inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:

Weather Conditions:

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☒ Yes ☐ No

If "yes," describe:

FAINT PAINT SMELL

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:

SAMPLING OCCURRED NEAR T-SHIRT TEMPLATES
CLEANING AREA.



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: SS-3 SS-4 Sample Location: STORAGE RACK AREA

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☒ Sub-Slab ☐ Indoor

Sample Depth (ft. bgs): 2' Below Slab Sample Height (ft): _____

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 4331 Flow Controller ID: 4503
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
	<u>6:46</u>	Install Probe/Locate Sampler	
	<u>7:00</u>	Purge Probe	Method: <u>VACUUM</u> # of Purge Volumes <u>3</u>
	<u>7:10</u>	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	<u>5:10</u>	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☒ Yes ☐ No If "yes," identify gas used: HELIUM

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:**Weather Conditions:**

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☒ Yes ☒ No

If "yes," describe:

FAINT PAINT SWEET

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:

SAMPLING OCCURRED NEAR T-SHIRT TEMPLATE
CLEANING AREA



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: _____
Date: March 29, 2007

SAMPLE INFORMATION

Sample ID: IA-5 Sample Location: T-SHIRT PAINTING AREA

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☐ Sub-Slab ☒ Indoor

Sample Depth (ft. bgs): _____ Sample Height (ft): 50'

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): 6 Canister ID: 2670 Flow Controller ID: 4642
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
3/29	7:19	Install Probe/Locate Sampler	
3/29	7:20	Purge Probe	Method: _____ # of Purge Volumes _____
3/29	7:39	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	5:39	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☐ Yes ☐ No If "yes," identify gas used: _____

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:**Weather Conditions:**

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☒ Yes ☐ No

If "yes," describe:

CHEMICAL SMELL

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:



SOIL VAPOR INTRUSION SAMPLE LOG

Client Name: *Hanesbrands, Inc.*
Project Name: *Former Champion Products SVI*
Project Number: *0610756P*
Sampler: *SS-4*
Date: March *29*, 2007

SAMPLE INFORMATION

Sample ID: *SS-21 SS-5* Sample Location: *T-SHIRT PAINTING AREA*

Sample Type: ☐ Soil Gas ☐ Outdoor Air ☐ Near Slab ☒ Sub-Slab ☐ Indoor

Sample Depth (ft. bgs): *2' Below Slab* Sample Height (ft): _____

Sampler Type: ☐ Tedlar Bag ☐ Sorbent Tube ☒ Stainless Steel Canister
☐ Other (specify): _____

Canister Size (L): *6* Canister ID: *3527* Flow Controller ID: *3294*
Flow Rate: _____

Analytical Method: ☐ TO-14 ☒ TO-15 ☐ Other (specify): _____

Laboratory: *Severn Trent Laboratories*

SAMPLING DATA

Date	Time	Activity	Comments/Data
<i>3/29</i>	<i>7:15</i>	Install Probe/Locate Sampler	
<i>3/29</i>	<i>7:30</i>	Purge Probe	Method: <u><i>Vacuum</i></u> # of Purge Volumes <u><i>3 volumes</i></u>
<i>3/29</i>	<i>7:34</i>	Start Sample	
		Start Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
		Interim Vacuum & Flow Rate	
	<i>8:39</i>	End Sample	
		End Vacuum & Flow Rate	
		Duration of Sampling	
		Volume of Air Sampled	



Was a tracer gas used? ☒ Yes ☐ No If "yes," identify gas used: HELIUM

	Temperature (°F)		Pressure (inches Hg)	
	Interior	Ambient	Interior	Ambient
Start				
Finish				

OBSERVATIONS:**Weather Conditions:**

Was there any significant precipitation within 12 hours prior to (or during) the sampling event?
☐ Yes ☒ No If "yes," describe:

Describe the general weather conditions at the time of sampling:

SUNNY & COOL

Odors:

Was there any noticeable odors either prior to (or during) the sampling event? ☒ Yes ☐ No

If "yes," describe:

CHEMICAL SMELL

Other Activities:

Provide any other information that may be pertinent to the sampling event that may assist in the data interpretation process:

APPENDIX D

APPENDIX E

STL Burlington Colchester, Vermont

Extended Data Package

SDG: NY119362

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Case Narrative

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April 19, 2007

Mr. Tony Savino
Delta Environmental Consultant
104 Jamesville Rd.
Syracuse, NY 13214

Re: Laboratory Project No. 27000
Case: 27000; SDG: NY119362

Dear Mr. Savino:

Enclosed are the analytical results for the samples that were received by STL Burlington on April 2nd, 2007. 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: 04/02/07 ETR No: 119362			
705402	SS-1	03/29/07	AIR
705403	IA-1	03/29/07	AIR
705404	SS-2	03/29/07	AIR
705405	IA-2	03/29/07	AIR
705406	SS-3	03/29/07	AIR
705407	IA-3	03/29/07	AIR
705408	SS-4	03/29/07	AIR
705409	IA-4	03/29/07	AIR
705410	SS-5	03/29/07	AIR
705411	IA-5	03/29/07	AIR
705412	UW-1	03/29/07	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 volatile organics analyses for the majority of the samples in this delivery group were accomplished at dilution, based on screen analyses to ensure quantitation of all target constituents within the range of calibrated instrument response. These samples could not be re-analyzed at core concentrated levels due to high concentration of Methylene Chloride in the samples.

At the client's request, samples IA-1 and UW-1 were re-analyzed using the laboratory's low level TO-15 analysis to provide for reporting of lower reporting limits for Trichloroethene and Carbon tetrachloride.

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 802 660-1990.

Sincerely,

A handwritten signature in black ink, consisting of stylized, overlapping loops and strokes, likely representing the initials 'MS'.

Project Manager

Enclosure

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705403

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Carbon Tetrachloride	56-23-5	0.064		0.040	0.40		0.25
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

UW-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705412

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Carbon Tetrachloride	56-23-5	0.061		0.040	0.38		0.25
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

EA041807LCS

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: EA041807

Date Analyzed: 4/18/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Carbon Tetrachloride	56-23-5	0.11		0.010	0.69		0.063
Trichloroethene	79-01-6	0.10		0.010	0.54		0.054

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

EA041807LCSD

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: EA041807

Date Analyzed: 4/18/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Carbon Tetrachloride	56-23-5	0.11		0.010	0.69		0.063
Trichloroethene	79-01-6	0.11		0.010	0.59		0.054

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK041807EA

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0418

Date Analyzed: 4/18/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Carbon Tetrachloride	56-23-5	0.010	U	0.010	0.063	U	0.063
Trichloroethene	79-01-6	0.010	U	0.010	0.054	U	0.054

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705402

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.75	U	0.75	3.7	U	3.7
1,2-Dichlorotetrafluoroethane	76-14-2	0.30	U	0.30	2.1	U	2.1
Chloromethane	74-87-3	0.75	U	0.75	1.5	U	1.5
Vinyl Chloride	75-01-4	0.30	U	0.30	0.77	U	0.77
1,3-Butadiene	106-99-0	0.75	U	0.75	1.7	U	1.7
Bromomethane	74-83-9	0.30	U	0.30	1.2	U	1.2
Chloroethane	75-00-3	0.75	U	0.75	2.0	U	2.0
Bromoethene	593-60-2	0.30	U	0.30	1.3	U	1.3
Trichlorofluoromethane	75-69-4	1.1		0.30	6.2		1.7
Freon TF	76-13-1	0.30	U	0.30	2.3	U	2.3
1,1-Dichloroethene	75-35-4	0.30	U	0.30	1.2	U	1.2
Acetone	67-64-1	23		7.5	55		18
Isopropyl Alcohol	67-63-0	7.5	U	7.5	18	U	18
Carbon Disulfide	75-15-0	1.2		0.75	3.7		2.3
3-Chloropropene	107-05-1	0.75	U	0.75	2.3	U	2.3
Methylene Chloride	75-09-2	8.9		0.75	31		2.6
tert-Butyl Alcohol	75-65-0	9.0		7.5	27		23
Methyl tert-Butyl Ether	1634-04-4	0.75	U	0.75	2.7	U	2.7
trans-1,2-Dichloroethene	156-60-5	0.30	U	0.30	1.2	U	1.2
n-Hexane	110-54-3	0.75	U	0.75	2.6	U	2.6
1,1-Dichloroethane	75-34-3	0.30	U	0.30	1.2	U	1.2
1,2-Dichloroethene (total)	540-59-0	0.30	U	0.30	1.2	U	1.2
Methyl Ethyl Ketone	78-93-3	3.8		0.75	11		2.2
cis-1,2-Dichloroethene	156-59-2	0.30	U	0.30	1.2	U	1.2
Tetrahydrofuran	109-99-9	7.5	U	7.5	22	U	22
Chloroform	67-66-3	18		0.30	88		1.5
1,1,1-Trichloroethane	71-55-6	18		0.30	98		1.6
Cyclohexane	110-82-7	1.2		0.30	4.1		1.0
Carbon Tetrachloride	56-23-5	0.30	U	0.30	1.9	U	1.9
2,2,4-Trimethylpentane	540-84-1	0.30	U	0.30	1.4	U	1.4
Benzene	71-43-2	0.81		0.30	2.6		0.96
1,2-Dichloroethane	107-06-2	0.30	U	0.30	1.2	U	1.2
n-Heptane	142-82-5	0.30	U	0.30	1.2	U	1.2

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705402

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	3.0		0.30	16		1.6
1,2-Dichloropropane	78-87-5	0.30	U	0.30	1.4	U	1.4
1,4-Dioxane	123-91-1	7.5	U	7.5	27	U	27
Bromodichloromethane	75-27-4	0.76		0.30	5.1		2.0
cis-1,3-Dichloropropene	10061-01-5	0.30	U	0.30	1.4	U	1.4
Methyl Isobutyl Ketone	108-10-1	21		0.75	86		3.1
Toluene	108-88-3	2.2		0.30	8.3		1.1
trans-1,3-Dichloropropene	10061-02-6	0.30	U	0.30	1.4	U	1.4
1,1,2-Trichloroethane	79-00-5	0.30	U	0.30	1.6	U	1.6
Tetrachloroethene	127-18-4	12		0.30	81		2.0
Methyl Butyl Ketone	591-78-6	51		0.75	210		3.1
Dibromochloromethane	124-48-1	0.30	U	0.30	2.6	U	2.6
1,2-Dibromoethane	106-93-4	0.30	U	0.30	2.3	U	2.3
Chlorobenzene	108-90-7	0.30	U	0.30	1.4	U	1.4
Ethylbenzene	100-41-4	0.53		0.30	2.3		1.3
Xylene (m,p)	1330-20-7	1.1		0.75	4.8		3.3
Xylene (o)	95-47-6	0.35		0.30	1.5		1.3
Xylene (total)	1330-20-7	1.5		0.30	6.5		1.3
Styrene	100-42-5	0.30	U	0.30	1.3	U	1.3
Bromoform	75-25-2	0.30	U	0.30	3.1	U	3.1
1,1,2,2-Tetrachloroethane	79-34-5	0.30	U	0.30	2.1	U	2.1
4-Ethyltoluene	622-96-8	0.42		0.30	2.1		1.5
1,3,5-Trimethylbenzene	108-67-8	0.30	U	0.30	1.5	U	1.5
2-Chlorotoluene	95-49-8	0.30	U	0.30	1.6	U	1.6
1,2,4-Trimethylbenzene	95-63-6	0.63		0.30	3.1		1.5
1,3-Dichlorobenzene	541-73-1	0.30	U	0.30	1.8	U	1.8
1,4-Dichlorobenzene	106-46-7	0.65		0.30	3.9		1.8
1,2-Dichlorobenzene	95-50-1	0.30	U	0.30	1.8	U	1.8
1,2,4-Trichlorobenzene	120-82-1	0.75	U	0.75	5.6	U	5.6
Hexachlorobutadiene	87-68-3	0.30	U	0.30	3.2	U	3.2
Naphthalene	91-20-3	0.75	U	0.75	3.9	U	3.9

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705403

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.68		0.40	3.4		2.0
1,2-Dichlorotetrafluoroethane	76-14-2	0.16	U	0.16	1.1	U	1.1
Chloromethane	74-87-3	0.48		0.40	0.99		0.83
Vinyl Chloride	75-01-4	0.16	U	0.16	0.41	U	0.41
1,3-Butadiene	106-99-0	0.40	U	0.40	0.88	U	0.88
Bromomethane	74-83-9	0.16	U	0.16	0.62	U	0.62
Chloroethane	75-00-3	0.40	U	0.40	1.1	U	1.1
Bromoethene	593-60-2	0.16	U	0.16	0.70	U	0.70
Trichlorofluoromethane	75-69-4	2.5		0.16	14		0.90
Freon TF	76-13-1	0.16	U	0.16	1.2	U	1.2
1,1-Dichloroethene	75-35-4	0.16	U	0.16	0.63	U	0.63
Acetone	67-64-1	9.1		4.0	22		9.5
Isopropyl Alcohol	67-63-0	4.0	U	4.0	9.8	U	9.8
Carbon Disulfide	75-15-0	0.40	U	0.40	1.2	U	1.2
3-Chloropropene	107-05-1	0.40	U	0.40	1.3	U	1.3
Methylene Chloride	75-09-2	10		0.40	35		1.4
tert-Butyl Alcohol	75-65-0	4.0	U	4.0	12	U	12
Methyl tert-Butyl Ether	1634-04-4	0.40	U	0.40	1.4	U	1.4
trans-1,2-Dichloroethene	156-60-5	0.16	U	0.16	0.63	U	0.63
n-Hexane	110-54-3	0.40	U	0.40	1.4	U	1.4
1,1-Dichloroethane	75-34-3	0.16	U	0.16	0.65	U	0.65
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.16	0.63	U	0.63
Methyl Ethyl Ketone	78-93-3	1.3		0.40	3.8		1.2
cis-1,2-Dichloroethene	156-59-2	0.16	U	0.16	0.63	U	0.63
Tetrahydrofuran	109-99-9	4.0	U	4.0	12	U	12
Chloroform	67-66-3	0.16	U	0.16	0.78	U	0.78
1,1,1-Trichloroethane	71-55-6	0.16	U	0.16	0.87	U	0.87
Cyclohexane	110-82-7	0.16	U	0.16	0.55	U	0.55
Carbon Tetrachloride	56-23-5	0.16	U	0.16	1.0	U	1.0
2,2,4-Trimethylpentane	540-84-1	0.16	U	0.16	0.75	U	0.75
Benzene	71-43-2	0.16	U	0.16	0.51	U	0.51
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
n-Heptane	142-82-5	0.16	U	0.16	0.66	U	0.66

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705403

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.16	U	0.16	0.86	U	0.86
1,2-Dichloropropane	78-87-5	0.16	U	0.16	0.74	U	0.74
1,4-Dioxane	123-91-1	4.0	U	4.0	14	U	14
Bromodichloromethane	75-27-4	0.16	U	0.16	1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	0.16	U	0.16	0.73	U	0.73
Methyl Isobutyl Ketone	108-10-1	0.40	U	0.40	1.6	U	1.6
Toluene	108-88-3	0.40		0.16	1.5		0.60
trans-1,3-Dichloropropene	10061-02-6	0.16	U	0.16	0.73	U	0.73
1,1,2-Trichloroethane	79-00-5	0.16	U	0.16	0.87	U	0.87
Tetrachloroethene	127-18-4	0.25		0.16	1.7		1.1
Methyl Butyl Ketone	591-78-6	0.40	U	0.40	1.6	U	1.6
Dibromochloromethane	124-48-1	0.16	U	0.16	1.4	U	1.4
1,2-Dibromoethane	106-93-4	0.16	U	0.16	1.2	U	1.2
Chlorobenzene	108-90-7	0.16	U	0.16	0.74	U	0.74
Ethylbenzene	100-41-4	0.16	U	0.16	0.69	U	0.69
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.16	U	0.16	0.69	U	0.69
Xylene (total)	1330-20-7	0.16	U	0.16	0.69	U	0.69
Styrene	100-42-5	0.16	U	0.16	0.68	U	0.68
Bromoform	75-25-2	0.16	U	0.16	1.7	U	1.7
1,1,2,2-Tetrachloroethane	79-34-5	0.16	U	0.16	1.1	U	1.1
4-Ethyltoluene	622-96-8	0.16	U	0.16	0.79	U	0.79
1,3,5-Trimethylbenzene	108-67-8	0.16	U	0.16	0.79	U	0.79
2-Chlorotoluene	95-49-8	0.16	U	0.16	0.83	U	0.83
1,2,4-Trimethylbenzene	95-63-6	0.16	U	0.16	0.79	U	0.79
1,3-Dichlorobenzene	541-73-1	0.16	U	0.16	0.96	U	0.96
1,4-Dichlorobenzene	106-46-7	0.16	U	0.16	0.96	U	0.96
1,2-Dichlorobenzene	95-50-1	0.16	U	0.16	0.96	U	0.96
1,2,4-Trichlorobenzene	120-82-1	0.40	U	0.40	3.0	U	3.0
Hexachlorobutadiene	87-68-3	0.16	U	0.16	1.7	U	1.7
Naphthalene	91-20-3	0.40	U	0.40	2.1	U	2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-2

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705404

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	2.0	U	2.0	9.9	U	9.9
1,2-Dichlorotetrafluoroethane	76-14-2	0.80	U	0.80	5.6	U	5.6
Chloromethane	74-87-3	2.0	U	2.0	4.1	U	4.1
Vinyl Chloride	75-01-4	0.80	U	0.80	2.0	U	2.0
1,3-Butadiene	106-99-0	2.0	U	2.0	4.4	U	4.4
Bromomethane	74-83-9	0.80	U	0.80	3.1	U	3.1
Chloroethane	75-00-3	2.0	U	2.0	5.3	U	5.3
Bromoethene	593-60-2	0.80	U	0.80	3.5	U	3.5
Trichlorofluoromethane	75-69-4	2.9		0.80	16		4.5
Freon TF	76-13-1	0.80	U	0.80	6.1	U	6.1
1,1-Dichloroethene	75-35-4	0.80	U	0.80	3.2	U	3.2
Acetone	67-64-1	26		20	62		48
Isopropyl Alcohol	67-63-0	20	U	20	49	U	49
Carbon Disulfide	75-15-0	2.0	U	2.0	6.2	U	6.2
3-Chloropropene	107-05-1	2.0	U	2.0	6.3	U	6.3
Methylene Chloride	75-09-2	17		2.0	59		6.9
tert-Butyl Alcohol	75-65-0	20	U	20	61	U	61
Methyl tert-Butyl Ether	1634-04-4	2.0	U	2.0	7.2	U	7.2
trans-1,2-Dichloroethene	156-60-5	0.80	U	0.80	3.2	U	3.2
n-Hexane	110-54-3	2.0	U	2.0	7.0	U	7.0
1,1-Dichloroethane	75-34-3	0.80	U	0.80	3.2	U	3.2
1,2-Dichloroethene (total)	540-59-0	0.80	U	0.80	3.2	U	3.2
Methyl Ethyl Ketone	78-93-3	3.5		2.0	10		5.9
cis-1,2-Dichloroethene	156-59-2	0.80	U	0.80	3.2	U	3.2
Tetrahydrofuran	109-99-9	20	U	20	59	U	59
Chloroform	67-66-3	5.6		0.80	27		3.9
1,1,1-Trichloroethane	71-55-6	4.0		0.80	22		4.4
Cyclohexane	110-82-7	0.80	U	0.80	2.8	U	2.8
Carbon Tetrachloride	56-23-5	0.80	U	0.80	5.0	U	5.0
2,2,4-Trimethylpentane	540-84-1	0.80	U	0.80	3.7	U	3.7
Benzene	71-43-2	0.80	U	0.80	2.6	U	2.6
1,2-Dichloroethane	107-06-2	0.80	U	0.80	3.2	U	3.2
n-Heptane	142-82-5	0.80	U	0.80	3.3	U	3.3

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-2

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705404

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.80	U	0.80	4.3	U	4.3
1,2-Dichloropropane	78-87-5	0.80	U	0.80	3.7	U	3.7
1,4-Dioxane	123-91-1	20	U	20	72	U	72
Bromodichloromethane	75-27-4	0.80	U	0.80	5.4	U	5.4
cis-1,3-Dichloropropene	10061-01-5	0.80	U	0.80	3.6	U	3.6
Methyl Isobutyl Ketone	108-10-1	20		2.0	82		8.2
Toluene	108-88-3	1.5		0.80	5.7		3.0
trans-1,3-Dichloropropene	10061-02-6	0.80	U	0.80	3.6	U	3.6
1,1,2-Trichloroethane	79-00-5	0.80	U	0.80	4.4	U	4.4
Tetrachloroethene	127-18-4	98		0.80	660		5.4
Methyl Butyl Ketone	591-78-6	99		2.0	410		8.2
Dibromochloromethane	124-48-1	0.80	U	0.80	6.8	U	6.8
1,2-Dibromoethane	106-93-4	0.80	U	0.80	6.1	U	6.1
Chlorobenzene	108-90-7	0.80	U	0.80	3.7	U	3.7
Ethylbenzene	100-41-4	1.1		0.80	4.8		3.5
Xylene (m,p)	1330-20-7	2.0	U	2.0	8.7	U	8.7
Xylene (o)	95-47-6	0.80	U	0.80	3.5	U	3.5
Xylene (total)	1330-20-7	0.80	U	0.80	3.5	U	3.5
Styrene	100-42-5	0.80	U	0.80	3.4	U	3.4
Bromoform	75-25-2	0.80	U	0.80	8.3	U	8.3
1,1,1,2-Tetrachloroethane	79-34-5	0.80	U	0.80	5.5	U	5.5
4-Ethyltoluene	622-96-8	0.80	U	0.80	3.9	U	3.9
1,3,5-Trimethylbenzene	108-67-8	0.80	U	0.80	3.9	U	3.9
2-Chlorotoluene	95-49-8	0.80	U	0.80	4.1	U	4.1
1,2,4-Trimethylbenzene	95-63-6	0.80	U	0.80	3.9	U	3.9
1,3-Dichlorobenzene	541-73-1	0.80	U	0.80	4.8	U	4.8
1,4-Dichlorobenzene	106-46-7	0.84		0.80	5.1		4.8
1,2-Dichlorobenzene	95-50-1	0.80	U	0.80	4.8	U	4.8
1,2,4-Trichlorobenzene	120-82-1	2.0	U	2.0	15	U	15
Hexachlorobutadiene	87-68-3	0.80	U	0.80	8.5	U	8.5
Naphthalene	91-20-3	2.0	U	2.0	10	U	10

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-2

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705405

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	30	U	30	150	U	150
1,2-Dichlorotetrafluoroethane	76-14-2	12	U	12	84	U	84
Chloromethane	74-87-3	30	U	30	62	U	62
Vinyl Chloride	75-01-4	12	U	12	31	U	31
1,3-Butadiene	106-99-0	30	U	30	66	U	66
Bromomethane	74-83-9	12	U	12	47	U	47
Chloroethane	75-00-3	30	U	30	79	U	79
Bromoethene	593-60-2	12	U	12	52	U	52
Trichlorofluoromethane	75-69-4	12	U	12	67	U	67
Freon TF	76-13-1	12	U	12	92	U	92
1,1-Dichloroethene	75-35-4	12	U	12	48	U	48
Acetone	67-64-1	300	U	300	710	U	710
Isopropyl Alcohol	67-63-0	300	U	300	740	U	740
Carbon Disulfide	75-15-0	30	U	30	93	U	93
3-Chloropropene	107-05-1	30	U	30	94	U	94
Methylene Chloride	75-09-2	1500		30	5200		100
tert-Butyl Alcohol	75-65-0	300	U	300	910	U	910
Methyl tert-Butyl Ether	1634-04-4	30	U	30	110	U	110
trans-1,2-Dichloroethene	156-60-5	12	U	12	48	U	48
n-Hexane	110-54-3	32		30	110		110
1,1-Dichloroethane	75-34-3	12	U	12	49	U	49
1,2-Dichloroethene (total)	540-59-0	12	U	12	48	U	48
Methyl Ethyl Ketone	78-93-3	30	U	30	88	U	88
cis-1,2-Dichloroethene	156-59-2	12	U	12	48	U	48
Tetrahydrofuran	109-99-9	300	U	300	880	U	880
Chloroform	67-66-3	12	U	12	59	U	59
1,1,1-Trichloroethane	71-55-6	12	U	12	65	U	65
Cyclohexane	110-82-7	12	U	12	41	U	41
Carbon Tetrachloride	56-23-5	12	U	12	75	U	75
2,2,4-Trimethylpentane	540-84-1	12	U	12	56	U	56
Benzene	71-43-2	12	U	12	38	U	38
1,2-Dichloroethane	107-06-2	12	U	12	49	U	49
n-Heptane	142-82-5	12	U	12	49	U	49

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-2

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705405

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	12	U	12	64	U	64
1,2-Dichloropropane	78-87-5	12	U	12	55	U	55
1,4-Dioxane	123-91-1	300	U	300	1100	U	1100
Bromodichloromethane	75-27-4	12	U	12	80	U	80
cis-1,3-Dichloropropene	10061-01-5	12	U	12	54	U	54
Methyl Isobutyl Ketone	108-10-1	30	U	30	120	U	120
Toluene	108-88-3	12	U	12	45	U	45
trans-1,3-Dichloropropene	10061-02-6	12	U	12	54	U	54
1,1,2-Trichloroethane	79-00-5	12	U	12	65	U	65
Tetrachloroethene	127-18-4	12	U	12	81	U	81
Methyl Butyl Ketone	591-78-6	30	U	30	120	U	120
Dibromochloromethane	124-48-1	12	U	12	100	U	100
1,2-Dibromoethane	106-93-4	12	U	12	92	U	92
Chlorobenzene	108-90-7	12	U	12	55	U	55
Ethylbenzene	100-41-4	12	U	12	52	U	52
Xylene (m,p)	1330-20-7	30	U	30	130	U	130
Xylene (o)	95-47-6	12	U	12	52	U	52
Xylene (total)	1330-20-7	12	U	12	52	U	52
Styrene	100-42-5	12	U	12	51	U	51
Bromoform	75-25-2	12	U	12	120	U	120
1,1,2,2-Tetrachloroethane	79-34-5	12	U	12	82	U	82
4-Ethyltoluene	622-96-8	12	U	12	59	U	59
1,3,5-Trimethylbenzene	108-67-8	12	U	12	59	U	59
2-Chlorotoluene	95-49-8	12	U	12	62	U	62
1,2,4-Trimethylbenzene	95-63-6	12	U	12	59	U	59
1,3-Dichlorobenzene	541-73-1	12	U	12	72	U	72
1,4-Dichlorobenzene	106-46-7	12	U	12	72	U	72
1,2-Dichlorobenzene	95-50-1	12	U	12	72	U	72
1,2,4-Trichlorobenzene	120-82-1	30	U	30	220	U	220
Hexachlorobutadiene	87-68-3	12	U	12	130	U	130
Naphthalene	91-20-3	30	U	30	160	U	160

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-3

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705406

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.5	U	1.5	7.4	U	7.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.60	U	0.60	4.2	U	4.2
Chloromethane	74-87-3	1.5	U	1.5	3.1	U	3.1
Vinyl Chloride	75-01-4	0.60	U	0.60	1.5	U	1.5
1,3-Butadiene	106-99-0	1.5	U	1.5	3.3	U	3.3
Bromomethane	74-83-9	0.60	U	0.60	2.3	U	2.3
Chloroethane	75-00-3	1.5	U	1.5	4.0	U	4.0
Bromoethene	593-60-2	0.60	U	0.60	2.6	U	2.6
Trichlorofluoromethane	75-69-4	3.2		0.60	18		3.4
Freon TF	76-13-1	0.60	U	0.60	4.6	U	4.6
1,1-Dichloroethene	75-35-4	0.60	U	0.60	2.4	U	2.4
Acetone	67-64-1	34		15	81		36
Isopropyl Alcohol	67-63-0	15	U	15	37	U	37
Carbon Disulfide	75-15-0	1.5	U	1.5	4.7	U	4.7
3-Chloropropene	107-05-1	1.5	U	1.5	4.7	U	4.7
Methylene Chloride	75-09-2	77		1.5	270		5.2
tert-Butyl Alcohol	75-65-0	15	U	15	45	U	45
Methyl tert-Butyl Ether	1634-04-4	1.5	U	1.5	5.4	U	5.4
trans-1,2-Dichloroethene	156-60-5	0.60	U	0.60	2.4	U	2.4
n-Hexane	110-54-3	1.9		1.5	6.7		5.3
1,1-Dichloroethane	75-34-3	0.60	U	0.60	2.4	U	2.4
1,2-Dichloroethene (total)	540-59-0	0.60	U	0.60	2.4	U	2.4
Methyl Ethyl Ketone	78-93-3	2.6		1.5	7.7		4.4
cis-1,2-Dichloroethene	156-59-2	0.60	U	0.60	2.4	U	2.4
Tetrahydrofuran	109-99-9	15	U	15	44	U	44
Chloroform	67-66-3	5.8		0.60	28		2.9
1,1,1-Trichloroethane	71-55-6	41		0.60	220		3.3
Cyclohexane	110-82-7	2.2		0.60	7.6		2.1
Carbon Tetrachloride	56-23-5	0.60	U	0.60	3.8	U	3.8
2,2,4-Trimethylpentane	540-84-1	0.60	U	0.60	2.8	U	2.8
Benzene	71-43-2	0.89		0.60	2.8		1.9
1,2-Dichloroethane	107-06-2	0.60	U	0.60	2.4	U	2.4
n-Heptane	142-82-5	0.96		0.60	3.9		2.5

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-3

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705406

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.60	U	0.60	3.2	U	3.2
1,2-Dichloropropane	78-87-5	0.60	U	0.60	2.8	U	2.8
1,4-Dioxane	123-91-1	15	U	15	54	U	54
Bromodichloromethane	75-27-4	0.60	U	0.60	4.0	U	4.0
cis-1,3-Dichloropropene	10061-01-5	0.60	U	0.60	2.7	U	2.7
Methyl Isobutyl Ketone	108-10-1	11		1.5	45		6.1
Toluene	108-88-3	2.2		0.60	8.3		2.3
trans-1,3-Dichloropropene	10061-02-6	0.60	U	0.60	2.7	U	2.7
1,1,2-Trichloroethane	79-00-5	0.60	U	0.60	3.3	U	3.3
Tetrachloroethene	127-18-4	93		0.60	630		4.1
Methyl Butyl Ketone	591-78-6	23		1.5	94		6.1
Dibromochloromethane	124-48-1	0.60	U	0.60	5.1	U	5.1
1,2-Dibromoethane	106-93-4	0.60	U	0.60	4.6	U	4.6
Chlorobenzene	108-90-7	0.60	U	0.60	2.8	U	2.8
Ethylbenzene	100-41-4	0.63		0.60	2.7		2.6
Xylene (m,p)	1330-20-7	1.8		1.5	7.8		6.5
Xylene (o)	95-47-6	0.60	U	0.60	2.6	U	2.6
Xylene (total)	1330-20-7	1.8		0.60	7.8		2.6
Styrene	100-42-5	0.60	U	0.60	2.6	U	2.6
Bromoform	75-25-2	0.60	U	0.60	6.2	U	6.2
1,1,2,2-Tetrachloroethane	79-34-5	0.60	U	0.60	4.1	U	4.1
4-Ethyltoluene	622-96-8	0.60	U	0.60	2.9	U	2.9
1,3,5-Trimethylbenzene	108-67-8	0.60	U	0.60	2.9	U	2.9
2-Chlorotoluene	95-49-8	0.60	U	0.60	3.1	U	3.1
1,2,4-Trimethylbenzene	95-63-6	0.60	U	0.60	2.9	U	2.9
1,3-Dichlorobenzene	541-73-1	0.60	U	0.60	3.6	U	3.6
1,4-Dichlorobenzene	106-46-7	0.60	U	0.60	3.6	U	3.6
1,2-Dichlorobenzene	95-50-1	0.60	U	0.60	3.6	U	3.6
1,2,4-Trichlorobenzene	120-82-1	1.5	U	1.5	11	U	11
Hexachlorobutadiene	87-68-3	0.60	U	0.60	6.4	U	6.4
Naphthalene	91-20-3	1.5	U	1.5	7.9	U	7.9

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-3

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705407

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	40	U	40	200	U	200
1,2-Dichlorotetrafluoroethane	76-14-2	16	U	16	110	U	110
Chloromethane	74-87-3	40	U	40	83	U	83
Vinyl Chloride	75-01-4	16	U	16	41	U	41
1,3-Butadiene	106-99-0	40	U	40	88	U	88
Bromomethane	74-83-9	16	U	16	62	U	62
Chloroethane	75-00-3	40	U	40	110	U	110
Bromoethene	593-60-2	16	U	16	70	U	70
Trichlorofluoromethane	75-69-4	16	U	16	90	U	90
Freon TF	76-13-1	16	U	16	120	U	120
1,1-Dichloroethene	75-35-4	16	U	16	63	U	63
Acetone	67-64-1	400	U	400	950	U	950
Isopropyl Alcohol	67-63-0	400	U	400	980	U	980
Carbon Disulfide	75-15-0	40	U	40	120	U	120
3-Chloropropene	107-05-1	40	U	40	130	U	130
Methylene Chloride	75-09-2	2500		40	8700		140
tert-Butyl Alcohol	75-65-0	400	U	400	1200	U	1200
Methyl tert-Butyl Ether	1634-04-4	40	U	40	140	U	140
trans-1,2-Dichloroethene	156-60-5	16	U	16	63	U	63
n-Hexane	110-54-3	46		40	160		140
1,1-Dichloroethane	75-34-3	16	U	16	65	U	65
1,2-Dichloroethene (total)	540-59-0	16	U	16	63	U	63
Methyl Ethyl Ketone	78-93-3	40	U	40	120	U	120
cis-1,2-Dichloroethene	156-59-2	16	U	16	63	U	63
Tetrahydrofuran	109-99-9	400	U	400	1200	U	1200
Chloroform	67-66-3	16	U	16	78	U	78
1,1,1-Trichloroethane	71-55-6	16	U	16	87	U	87
Cyclohexane	110-82-7	16	U	16	55	U	55
Carbon Tetrachloride	56-23-5	16	U	16	100	U	100
2,2,4-Trimethylpentane	540-84-1	16	U	16	75	U	75
Benzene	71-43-2	16	U	16	51	U	51
1,2-Dichloroethane	107-06-2	16	U	16	65	U	65
n-Heptane	142-82-5	16	U	16	66	U	66

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-3

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705407

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	16	U	16	86	U	86
1,2-Dichloropropane	78-87-5	16	U	16	74	U	74
1,4-Dioxane	123-91-1	400	U	400	1400	U	1400
Bromodichloromethane	75-27-4	16	U	16	110	U	110
cis-1,3-Dichloropropene	10061-01-5	16	U	16	73	U	73
Methyl Isobutyl Ketone	108-10-1	40	U	40	160	U	160
Toluene	108-88-3	16	U	16	60	U	60
trans-1,3-Dichloropropene	10061-02-6	16	U	16	73	U	73
1,1,2-Trichloroethane	79-00-5	16	U	16	87	U	87
Tetrachloroethene	127-18-4	44		16	300		110
Methyl Butyl Ketone	591-78-6	40	U	40	160	U	160
Dibromochloromethane	124-48-1	16	U	16	140	U	140
1,2-Dibromoethane	106-93-4	16	U	16	120	U	120
Chlorobenzene	108-90-7	16	U	16	74	U	74
Ethylbenzene	100-41-4	16	U	16	69	U	69
Xylene (m,p)	1330-20-7	40	U	40	170	U	170
Xylene (o)	95-47-6	16	U	16	69	U	69
Xylene (total)	1330-20-7	16	U	16	69	U	69
Styrene	100-42-5	16	U	16	68	U	68
Bromoform	75-25-2	16	U	16	170	U	170
1,1,2,2-Tetrachloroethane	79-34-5	16	U	16	110	U	110
4-Ethyltoluene	622-96-8	16	U	16	79	U	79
1,3,5-Trimethylbenzene	108-67-8	16	U	16	79	U	79
2-Chlorotoluene	95-49-8	16	U	16	83	U	83
1,2,4-Trimethylbenzene	95-63-6	16	U	16	79	U	79
1,3-Dichlorobenzene	541-73-1	16	U	16	96	U	96
1,4-Dichlorobenzene	106-46-7	16	U	16	96	U	96
1,2-Dichlorobenzene	95-50-1	16	U	16	96	U	96
1,2,4-Trichlorobenzene	120-82-1	40	U	40	300	U	300
Hexachlorobutadiene	87-68-3	16	U	16	170	U	170
Naphthalene	91-20-3	40	U	40	210	U	210

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-4

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705408

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	33	U	33	160	U	160
1,2-Dichlorotetrafluoroethane	76-14-2	13	U	13	91	U	91
Chloromethane	74-87-3	33	U	33	68	U	68
Vinyl Chloride	75-01-4	13	U	13	33	U	33
1,3-Butadiene	106-99-0	33	U	33	73	U	73
Bromomethane	74-83-9	13	U	13	50	U	50
Chloroethane	75-00-3	33	U	33	87	U	87
Bromoethene	593-60-2	13	U	13	57	U	57
Trichlorofluoromethane	75-69-4	13	U	13	73	U	73
Freon TF	76-13-1	13	U	13	100	U	100
1,1-Dichloroethene	75-35-4	15		13	59		52
Acetone	67-64-1	330	U	330	780	U	780
Isopropyl Alcohol	67-63-0	330	U	330	810	U	810
Carbon Disulfide	75-15-0	33	U	33	100	U	100
3-Chloropropene	107-05-1	33	U	33	100	U	100
Methylene Chloride	75-09-2	260		33	900		110
tert-Butyl Alcohol	75-65-0	330	U	330	1000	U	1000
Methyl tert-Butyl Ether	1634-04-4	33	U	33	120	U	120
trans-1,2-Dichloroethene	156-60-5	13	U	13	52	U	52
n-Hexane	110-54-3	33	U	33	120	U	120
1,1-Dichloroethane	75-34-3	330		13	1300		53
1,2-Dichloroethene (total)	540-59-0	13	U	13	52	U	52
Methyl Ethyl Ketone	78-93-3	33	U	33	97	U	97
cis-1,2-Dichloroethene	156-59-2	13	U	13	52	U	52
Tetrahydrofuran	109-99-9	330	U	330	970	U	970
Chloroform	67-66-3	13	U	13	63	U	63
1,1,1-Trichloroethane	71-55-6	1400		13	7600		71
Cyclohexane	110-82-7	62		13	210		45
Carbon Tetrachloride	56-23-5	13	U	13	82	U	82
2,2,4-Trimethylpentane	540-84-1	13	U	13	61	U	61
Benzene	71-43-2	13	U	13	42	U	42
1,2-Dichloroethane	107-06-2	13	U	13	53	U	53
n-Heptane	142-82-5	13	U	13	53	U	53

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-4

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705408

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	13	U	13	70	U	70
1,2-Dichloropropane	78-87-5	13	U	13	60	U	60
1,4-Dioxane	123-91-1	330	U	330	1200	U	1200
Bromodichloromethane	75-27-4	13	U	13	87	U	87
cis-1,3-Dichloropropene	10061-01-5	13	U	13	59	U	59
Methyl Isobutyl Ketone	108-10-1	33	U	33	140	U	140
Toluene	108-88-3	13	U	13	49	U	49
trans-1,3-Dichloropropene	10061-02-6	13	U	13	59	U	59
1,1,2-Trichloroethane	79-00-5	13	U	13	71	U	71
Tetrachloroethene	127-18-4	57		13	390		88
Methyl Butyl Ketone	591-78-6	33	U	33	140	U	140
Dibromochloromethane	124-48-1	13	U	13	110	U	110
1,2-Dibromoethane	106-93-4	13	U	13	100	U	100
Chlorobenzene	108-90-7	13	U	13	60	U	60
Ethylbenzene	100-41-4	13	U	13	56	U	56
Xylene (m,p)	1330-20-7	33	U	33	140	U	140
Xylene (o)	95-47-6	13	U	13	56	U	56
Xylene (total)	1330-20-7	13	U	13	56	U	56
Styrene	100-42-5	13	U	13	55	U	55
Bromoform	75-25-2	13	U	13	130	U	130
1,1,2,2-Tetrachloroethane	79-34-5	13	U	13	89	U	89
4-Ethyltoluene	622-96-8	13	U	13	64	U	64
1,3,5-Trimethylbenzene	108-67-8	13	U	13	64	U	64
2-Chlorotoluene	95-49-8	13	U	13	67	U	67
1,2,4-Trimethylbenzene	95-63-6	13	U	13	64	U	64
1,3-Dichlorobenzene	541-73-1	13	U	13	78	U	78
1,4-Dichlorobenzene	106-46-7	13	U	13	78	U	78
1,2-Dichlorobenzene	95-50-1	13	U	13	78	U	78
1,2,4-Trichlorobenzene	120-82-1	33	U	33	240	U	240
Hexachlorobutadiene	87-68-3	13	U	13	140	U	140
Naphthalene	91-20-3	33	U	33	170	U	170

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-4

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705409

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	42	U	42	210	U	210
1,2-Dichlorotetrafluoroethane	76-14-2	17	U	17	120	U	120
Chloromethane	74-87-3	42	U	42	87	U	87
Vinyl Chloride	75-01-4	17	U	17	43	U	43
1,3-Butadiene	106-99-0	42	U	42	93	U	93
Bromomethane	74-83-9	17	U	17	66	U	66
Chloroethane	75-00-3	42	U	42	110	U	110
Bromoethene	593-60-2	17	U	17	74	U	74
Trichlorofluoromethane	75-69-4	17	U	17	96	U	96
Freon TF	76-13-1	17	U	17	130	U	130
1,1-Dichloroethene	75-35-4	17	U	17	67	U	67
Acetone	67-64-1	420	U	420	1000	U	1000
Isopropyl Alcohol	67-63-0	420	U	420	1000	U	1000
Carbon Disulfide	75-15-0	42	U	42	130	U	130
3-Chloropropene	107-05-1	42	U	42	130	U	130
Methylene Chloride	75-09-2	1700		42	5900		150
tert-Butyl Alcohol	75-65-0	420	U	420	1300	U	1300
Methyl tert-Butyl Ether	1634-04-4	42	U	42	150	U	150
trans-1,2-Dichloroethene	156-60-5	17	U	17	67	U	67
n-Hexane	110-54-3	45		42	160		150
1,1-Dichloroethane	75-34-3	17	U	17	69	U	69
1,2-Dichloroethene (total)	540-59-0	17	U	17	67	U	67
Methyl Ethyl Ketone	78-93-3	42	U	42	120	U	120
cis-1,2-Dichloroethene	156-59-2	17	U	17	67	U	67
Tetrahydrofuran	109-99-9	420	U	420	1200	U	1200
Chloroform	67-66-3	17	U	17	83	U	83
1,1,1-Trichloroethane	71-55-6	17	U	17	93	U	93
Cyclohexane	110-82-7	17	U	17	59	U	59
Carbon Tetrachloride	56-23-5	17	U	17	110	U	110
2,2,4-Trimethylpentane	540-84-1	17	U	17	79	U	79
Benzene	71-43-2	17	U	17	54	U	54
1,2-Dichloroethane	107-06-2	17	U	17	69	U	69
n-Heptane	142-82-5	17	U	17	70	U	70

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-4

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705409

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	17	U	17	91	U	91
1,2-Dichloropropane	78-87-5	17	U	17	79	U	79
1,4-Dioxane	123-91-1	420	U	420	1500	U	1500
Bromodichloromethane	75-27-4	17	U	17	110	U	110
cis-1,3-Dichloropropene	10061-01-5	17	U	17	77	U	77
Methyl Isobutyl Ketone	108-10-1	42	U	42	170	U	170
Toluene	108-88-3	17	U	17	64	U	64
trans-1,3-Dichloropropene	10061-02-6	17	U	17	77	U	77
1,1,2-Trichloroethane	79-00-5	17	U	17	93	U	93
Tetrachloroethene	127-18-4	17	U	17	120	U	120
Methyl Butyl Ketone	591-78-6	42	U	42	170	U	170
Dibromochloromethane	124-48-1	17	U	17	140	U	140
1,2-Dibromoethane	106-93-4	17	U	17	130	U	130
Chlorobenzene	108-90-7	17	U	17	78	U	78
Ethylbenzene	100-41-4	17	U	17	74	U	74
Xylene (m,p)	1330-20-7	42	U	42	180	U	180
Xylene (o)	95-47-6	17	U	17	74	U	74
Xylene (total)	1330-20-7	17	U	17	74	U	74
Styrene	100-42-5	17	U	17	72	U	72
Bromoform	75-25-2	17	U	17	180	U	180
1,1,2,2-Tetrachloroethane	79-34-5	17	U	17	120	U	120
4-Ethyltoluene	622-96-8	17	U	17	84	U	84
1,3,5-Trimethylbenzene	108-67-8	17	U	17	84	U	84
2-Chlorotoluene	95-49-8	17	U	17	88	U	88
1,2,4-Trimethylbenzene	95-63-6	17	U	17	84	U	84
1,3-Dichlorobenzene	541-73-1	17	U	17	100	U	100
1,4-Dichlorobenzene	106-46-7	17	U	17	100	U	100
1,2-Dichlorobenzene	95-50-1	17	U	17	100	U	100
1,2,4-Trichlorobenzene	120-82-1	42	U	42	310	U	310
Hexachlorobutadiene	87-68-3	17	U	17	180	U	180
Naphthalene	91-20-3	42	U	42	220	U	220

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-5

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705410

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	3.0	U	3.0	15	U	15
1,2-Dichlorotetrafluoroethane	76-14-2	1.2	U	1.2	8.4	U	8.4
Chloromethane	74-87-3	3.0	U	3.0	6.2	U	6.2
Vinyl Chloride	75-01-4	1.2	U	1.2	3.1	U	3.1
1,3-Butadiene	106-99-0	3.0	U	3.0	6.6	U	6.6
Bromomethane	74-83-9	1.2	U	1.2	4.7	U	4.7
Chloroethane	75-00-3	3.0	U	3.0	7.9	U	7.9
Bromoethene	593-60-2	1.2	U	1.2	5.2	U	5.2
Trichlorofluoromethane	75-69-4	2.6		1.2	15		6.7
Freon TF	76-13-1	1.2	U	1.2	9.2	U	9.2
1,1-Dichloroethene	75-35-4	1.2	U	1.2	4.8	U	4.8
Acetone	67-64-1	51		30	120		71
Isopropyl Alcohol	67-63-0	30	U	30	74	U	74
Carbon Disulfide	75-15-0	3.0	U	3.0	9.3	U	9.3
3-Chloropropene	107-05-1	3.0	U	3.0	9.4	U	9.4
Methylene Chloride	75-09-2	34		3.0	120		10
tert-Butyl Alcohol	75-65-0	30	U	30	91	U	91
Methyl tert-Butyl Ether	1634-04-4	3.0	U	3.0	11	U	11
trans-1,2-Dichloroethene	156-60-5	1.2	U	1.2	4.8	U	4.8
n-Hexane	110-54-3	3.0	U	3.0	11	U	11
1,1-Dichloroethane	75-34-3	44		1.2	180		4.9
1,2-Dichloroethene (total)	540-59-0	1.2	U	1.2	4.8	U	4.8
Methyl Ethyl Ketone	78-93-3	4.7		3.0	14		8.8
cis-1,2-Dichloroethene	156-59-2	1.2	U	1.2	4.8	U	4.8
Tetrahydrofuran	109-99-9	30	U	30	88	U	88
Chloroform	67-66-3	8.4		1.2	41		5.9
1,1,1-Trichloroethane	71-55-6	220		1.2	1200		6.5
Cyclohexane	110-82-7	11		1.2	38		4.1
Carbon Tetrachloride	56-23-5	1.2	U	1.2	7.5	U	7.5
2,2,4-Trimethylpentane	540-84-1	1.2	U	1.2	5.6	U	5.6
Benzene	71-43-2	1.2	U	1.2	3.8	U	3.8
1,2-Dichloroethane	107-06-2	1.2	U	1.2	4.9	U	4.9
n-Heptane	142-82-5	1.2		1.2	4.9		4.9

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

SS-5

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705410

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	4.4		1.2	24		6.4
1,2-Dichloropropane	78-87-5	1.2	U	1.2	5.5	U	5.5
1,4-Dioxane	123-91-1	30	U	30	110	U	110
Bromodichloromethane	75-27-4	1.2	U	1.2	8.0	U	8.0
cis-1,3-Dichloropropene	10061-01-5	1.2	U	1.2	5.4	U	5.4
Methyl Isobutyl Ketone	108-10-1	33		3.0	140		12
Toluene	108-88-3	1.9		1.2	7.2		4.5
trans-1,3-Dichloropropene	10061-02-6	1.2	U	1.2	5.4	U	5.4
1,1,2-Trichloroethane	79-00-5	1.2	U	1.2	6.5	U	6.5
Tetrachloroethene	127-18-4	220		1.2	1500		8.1
Methyl Butyl Ketone	591-78-6	230		3.0	940		12
Dibromochloromethane	124-48-1	1.2	U	1.2	10	U	10
1,2-Dibromoethane	106-93-4	1.2	U	1.2	9.2	U	9.2
Chlorobenzene	108-90-7	1.2	U	1.2	5.5	U	5.5
Ethylbenzene	100-41-4	1.2	U	1.2	5.2	U	5.2
Xylene (m,p)	1330-20-7	3.0	U	3.0	13	U	13
Xylene (o)	95-47-6	1.2	U	1.2	5.2	U	5.2
Xylene (total)	1330-20-7	1.2	U	1.2	5.2	U	5.2
Styrene	100-42-5	1.2	U	1.2	5.1	U	5.1
Bromoform	75-25-2	1.2	U	1.2	12	U	12
1,1,2,2-Tetrachloroethane	79-34-5	1.2	U	1.2	8.2	U	8.2
4-Ethyltoluene	622-96-8	1.2	U	1.2	5.9	U	5.9
1,3,5-Trimethylbenzene	108-67-8	1.2	U	1.2	5.9	U	5.9
2-Chlorotoluene	95-49-8	1.2	U	1.2	6.2	U	6.2
1,2,4-Trimethylbenzene	95-63-6	1.2	U	1.2	5.9	U	5.9
1,3-Dichlorobenzene	541-73-1	1.2	U	1.2	7.2	U	7.2
1,4-Dichlorobenzene	106-46-7	1.2	U	1.2	7.2	U	7.2
1,2-Dichlorobenzene	95-50-1	1.2	U	1.2	7.2	U	7.2
1,2,4-Trichlorobenzene	120-82-1	3.0	U	3.0	22	U	22
Hexachlorobutadiene	87-68-3	1.2	U	1.2	13	U	13
Naphthalene	91-20-3	3.0	U	3.0	16	U	16

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-5

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705411

Date Analyzed: 4/19/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	20	U	20	99	U	99
1,2-Dichlorotetrafluoroethane	76-14-2	8.0	U	8.0	56	U	56
Chloromethane	74-87-3	20	U	20	41	U	41
Vinyl Chloride	75-01-4	8.0	U	8.0	20	U	20
1,3-Butadiene	106-99-0	20	U	20	44	U	44
Bromomethane	74-83-9	8.0	U	8.0	31	U	31
Chloroethane	75-00-3	20	U	20	53	U	53
Bromoethene	593-60-2	8.0	U	8.0	35	U	35
Trichlorofluoromethane	75-69-4	8.0		8.0	45		45
Freon TF	76-13-1	8.0	U	8.0	61	U	61
1,1-Dichloroethene	75-35-4	8.0	U	8.0	32	U	32
Acetone	67-64-1	200	U	200	480	U	480
Isopropyl Alcohol	67-63-0	200	U	200	490	U	490
Carbon Disulfide	75-15-0	20	U	20	62	U	62
3-Chloropropene	107-05-1	20	U	20	63	U	63
Methylene Chloride	75-09-2	1400		20	4900		69
tert-Butyl Alcohol	75-65-0	200	U	200	610	U	610
Methyl tert-Butyl Ether	1634-04-4	20	U	20	72	U	72
trans-1,2-Dichloroethene	156-60-5	8.0	U	8.0	32	U	32
n-Hexane	110-54-3	71		20	250		70
1,1-Dichloroethane	75-34-3	8.0	U	8.0	32	U	32
1,2-Dichloroethene (total)	540-59-0	8.0	U	8.0	32	U	32
Methyl Ethyl Ketone	78-93-3	20	U	20	59	U	59
cis-1,2-Dichloroethene	156-59-2	8.0	U	8.0	32	U	32
Tetrahydrofuran	109-99-9	200	U	200	590	U	590
Chloroform	67-66-3	8.0	U	8.0	39	U	39
1,1,1-Trichloroethane	71-55-6	8.0	U	8.0	44	U	44
Cyclohexane	110-82-7	8.0	U	8.0	28	U	28
Carbon Tetrachloride	56-23-5	8.0	U	8.0	50	U	50
2,2,4-Trimethylpentane	540-84-1	8.0	U	8.0	37	U	37
Benzene	71-43-2	8.0	U	8.0	26	U	26
1,2-Dichloroethane	107-06-2	8.0	U	8.0	32	U	32
n-Heptane	142-82-5	8.0	U	8.0	33	U	33

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-5

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705411

Date Analyzed: 4/19/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	8.0	U	8.0	43	U	43
1,2-Dichloropropane	78-87-5	8.0	U	8.0	37	U	37
1,4-Dioxane	123-91-1	200	U	200	720	U	720
Bromodichloromethane	75-27-4	8.0	U	8.0	54	U	54
cis-1,3-Dichloropropene	10061-01-5	8.0	U	8.0	36	U	36
Methyl Isobutyl Ketone	108-10-1	20	U	20	82	U	82
Toluene	108-88-3	8.0	U	8.0	30	U	30
trans-1,3-Dichloropropene	10061-02-6	8.0	U	8.0	36	U	36
1,1,2-Trichloroethane	79-00-5	8.0	U	8.0	44	U	44
Tetrachloroethene	127-18-4	33		8.0	220		54
Methyl Butyl Ketone	591-78-6	20	U	20	82	U	82
Dibromochloromethane	124-48-1	8.0	U	8.0	68	U	68
1,2-Dibromoethane	106-93-4	8.0	U	8.0	61	U	61
Chlorobenzene	108-90-7	8.0	U	8.0	37	U	37
Ethylbenzene	100-41-4	8.0	U	8.0	35	U	35
Xylene (m,p)	1330-20-7	20	U	20	87	U	87
Xylene (o)	95-47-6	8.0	U	8.0	35	U	35
Xylene (total)	1330-20-7	8.0	U	8.0	35	U	35
Styrene	100-42-5	8.0	U	8.0	34	U	34
Bromoform	75-25-2	8.0	U	8.0	83	U	83
1,1,2,2-Tetrachloroethane	79-34-5	8.0	U	8.0	55	U	55
4-Ethyltoluene	622-96-8	8.0	U	8.0	39	U	39
1,3,5-Trimethylbenzene	108-67-8	8.0	U	8.0	39	U	39
2-Chlorotoluene	95-49-8	8.0	U	8.0	41	U	41
1,2,4-Trimethylbenzene	95-63-6	8.0	U	8.0	39	U	39
1,3-Dichlorobenzene	541-73-1	8.0	U	8.0	48	U	48
1,4-Dichlorobenzene	106-46-7	8.0	U	8.0	48	U	48
1,2-Dichlorobenzene	95-50-1	8.0	U	8.0	48	U	48
1,2,4-Trichlorobenzene	120-82-1	20	U	20	150	U	150
Hexachlorobutadiene	87-68-3	8.0	U	8.0	85	U	85
Naphthalene	91-20-3	20	U	20	100	U	100

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

UW-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705412

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.61		0.40	3.0		2.0
1,2-Dichlorotetrafluoroethane	76-14-2	0.16	U	0.16	1.1	U	1.1
Chloromethane	74-87-3	0.52		0.40	1.1		0.83
Vinyl Chloride	75-01-4	0.16	U	0.16	0.41	U	0.41
1,3-Butadiene	106-99-0	0.40	U	0.40	0.88	U	0.88
Bromomethane	74-83-9	0.16	U	0.16	0.62	U	0.62
Chloroethane	75-00-3	0.40	U	0.40	1.1	U	1.1
Bromoethene	593-60-2	0.16	U	0.16	0.70	U	0.70
Trichlorofluoromethane	75-69-4	0.24		0.16	1.3		0.90
Freon TF	76-13-1	0.16	U	0.16	1.2	U	1.2
1,1-Dichloroethene	75-35-4	0.16	U	0.16	0.63	U	0.63
Acetone	67-64-1	4.0	U	4.0	9.5	U	9.5
Isopropyl Alcohol	67-63-0	4.0	U	4.0	9.8	U	9.8
Carbon Disulfide	75-15-0	0.40	U	0.40	1.2	U	1.2
3-Chloropropene	107-05-1	0.40	U	0.40	1.3	U	1.3
Methylene Chloride	75-09-2	0.59		0.40	2.0		1.4
tert-Butyl Alcohol	75-65-0	4.0	U	4.0	12	U	12
Methyl tert-Butyl Ether	1634-04-4	0.40	U	0.40	1.4	U	1.4
trans-1,2-Dichloroethene	156-60-5	0.16	U	0.16	0.63	U	0.63
n-Hexane	110-54-3	0.40	U	0.40	1.4	U	1.4
1,1-Dichloroethane	75-34-3	0.16	U	0.16	0.65	U	0.65
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.16	0.63	U	0.63
Methyl Ethyl Ketone	78-93-3	0.40	U	0.40	1.2	U	1.2
cis-1,2-Dichloroethene	156-59-2	0.16	U	0.16	0.63	U	0.63
Tetrahydrofuran	109-99-9	4.0	U	4.0	12	U	12
Chloroform	67-66-3	0.16	U	0.16	0.78	U	0.78
1,1,1-Trichloroethane	71-55-6	0.16	U	0.16	0.87	U	0.87
Cyclohexane	110-82-7	0.16	U	0.16	0.55	U	0.55
Carbon Tetrachloride	56-23-5	0.16	U	0.16	1.0	U	1.0
2,2,4-Trimethylpentane	540-84-1	0.16	U	0.16	0.75	U	0.75
Benzene	71-43-2	0.16	U	0.16	0.51	U	0.51
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
n-Heptane	142-82-5	0.16	U	0.16	0.66	U	0.66

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

UW-1

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: 705412

Date Analyzed: 4/18/2007

Date Received: 4/2/2007

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	0.16	U	0.16	0.86	U	0.86
1,2-Dichloropropane	78-87-5	0.16	U	0.16	0.74	U	0.74
1,4-Dioxane	123-91-1	4.0	U	4.0	14	U	14
Bromodichloromethane	75-27-4	0.16	U	0.16	1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	0.16	U	0.16	0.73	U	0.73
Methyl Isobutyl Ketone	108-10-1	0.40	U	0.40	1.6	U	1.6
Toluene	108-88-3	0.16	U	0.16	0.60	U	0.60
trans-1,3-Dichloropropene	10061-02-6	0.16	U	0.16	0.73	U	0.73
1,1,2-Trichloroethane	79-00-5	0.16	U	0.16	0.87	U	0.87
Tetrachloroethene	127-18-4	0.16	U	0.16	1.1	U	1.1
Methyl Butyl Ketone	591-78-6	0.40	U	0.40	1.6	U	1.6
Dibromochloromethane	124-48-1	0.16	U	0.16	1.4	U	1.4
1,2-Dibromoethane	106-93-4	0.16	U	0.16	1.2	U	1.2
Chlorobenzene	108-90-7	0.16	U	0.16	0.74	U	0.74
Ethylbenzene	100-41-4	0.16	U	0.16	0.69	U	0.69
Xylene (m,p)	1330-20-7	0.40	U	0.40	1.7	U	1.7
Xylene (o)	95-47-6	0.16	U	0.16	0.69	U	0.69
Xylene (total)	1330-20-7	0.16	U	0.16	0.69	U	0.69
Styrene	100-42-5	0.16	U	0.16	0.68	U	0.68
Bromoform	75-25-2	0.16	U	0.16	1.7	U	1.7
1,1,2,2-Tetrachloroethane	79-34-5	0.16	U	0.16	1.1	U	1.1
4-Ethyltoluene	622-96-8	0.16	U	0.16	0.79	U	0.79
1,3,5-Trimethylbenzene	108-67-8	0.16	U	0.16	0.79	U	0.79
2-Chlorotoluene	95-49-8	0.16	U	0.16	0.83	U	0.83
1,2,4-Trimethylbenzene	95-63-6	0.16	U	0.16	0.79	U	0.79
1,3-Dichlorobenzene	541-73-1	0.16	U	0.16	0.96	U	0.96
1,4-Dichlorobenzene	106-46-7	0.16	U	0.16	0.96	U	0.96
1,2-Dichlorobenzene	95-50-1	0.16	U	0.16	0.96	U	0.96
1,2,4-Trichlorobenzene	120-82-1	0.40	U	0.40	3.0	U	3.0
Hexachlorobutadiene	87-68-3	0.16	U	0.16	1.7	U	1.7
Naphthalene	91-20-3	0.40	U	0.40	2.1	U	2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041707LCS

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041707

Date Analyzed: 4/17/2007

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	9.6		0.50	47		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	9.9		0.50	22		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	8.9		0.50	23		1.3
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	9.5		0.20	38		0.79
Acetone	67-64-1	9.3		5.0	22		12
Isopropyl Alcohol	67-63-0	7.9		5.0	19		12
Carbon Disulfide	75-15-0	8.4		0.50	26		1.6
3-Chloropropene	107-05-1	8.0		0.50	25		1.6
Methylene Chloride	75-09-2	8.8		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	8.5		5.0	26		15
Methyl tert-Butyl Ether	1634-04-4	9.6		0.50	35		1.8
trans-1,2-Dichloroethene	156-60-5	8.8		0.20	35		0.79
n-Hexane	110-54-3	7.8		0.50	27		1.8
1,1-Dichloroethane	75-34-3	8.6		0.20	35		0.81
1,2-Dichloroethene (total)	540-59-0	17		0.20	67		0.79
Methyl Ethyl Ketone	78-93-3	8.4		0.50	25		1.5
cis-1,2-Dichloroethene	156-59-2	8.7		0.20	34		0.79
Tetrahydrofuran	109-99-9	7.6		5.0	22		15
Chloroform	67-66-3	9.3		0.20	45		0.98
1,1,1-Trichloroethane	71-55-6	10		0.20	55		1.1
Cyclohexane	110-82-7	8.6		0.20	30		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.3		0.20	39		0.93
Benzene	71-43-2	8.3		0.20	27		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
n-Heptane	142-82-5	7.9		0.20	32		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041707LCS

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041707

Date Analyzed: 4/17/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	9.1		0.20	49		1.1
1,2-Dichloropropane	78-87-5	7.9		0.20	37		0.92
1,4-Dioxane	123-91-1	7.7		5.0	28		18
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	8.7		0.20	39		0.91
Methyl Isobutyl Ketone	108-10-1	8.9		0.50	36		2.0
Toluene	108-88-3	8.6		0.20	32		0.75
trans-1,3-Dichloropropene	10061-02-6	9.2		0.20	42		0.91
1,1,2-Trichloroethane	79-00-5	7.9		0.20	43		1.1
Tetrachloroethene	127-18-4	11		0.20	75		1.4
Methyl Butyl Ketone	591-78-6	9.2		0.50	38		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	8.8		0.20	68		1.5
Chlorobenzene	108-90-7	8.6		0.20	40		0.92
Ethylbenzene	100-41-4	8.9		0.20	39		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	8.6		0.20	37		0.87
Xylene (total)	1330-20-7	26		0.20	110		0.87
Styrene	100-42-5	9.1		0.20	39		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.0		0.20	55		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	9.0		0.20	44		0.98
2-Chlorotoluene	95-49-8	9.5		0.20	49		1.0
1,2,4-Trimethylbenzene	95-63-6	9.5		0.20	47		0.98
1,3-Dichlorobenzene	541-73-1	9.8		0.20	59		1.2
1,4-Dichlorobenzene	106-46-7	9.7		0.20	58		1.2
1,2-Dichlorobenzene	95-50-1	9.3		0.20	56		1.2
1,2,4-Trichlorobenzene	120-82-1	8.6		0.50	64		3.7
Hexachlorobutadiene	87-68-3	8.2		0.20	87		2.1
Naphthalene	91-20-3	7.6		0.50	40		2.6

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041707LCSD

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041707

Date Analyzed: 4/17/2007

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	10		0.50	49		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	9.7		0.50	21		1.1
Bromomethane	74-83-9	9.9		0.20	38		0.78
Chloroethane	75-00-3	8.6		0.50	23		1.3
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	9.6		0.20	38		0.79
Acetone	67-64-1	9.8		5.0	23		12
Isopropyl Alcohol	67-63-0	8.3		5.0	20		12
Carbon Disulfide	75-15-0	8.7		0.50	27		1.6
3-Chloropropene	107-05-1	8.3		0.50	26		1.6
Methylene Chloride	75-09-2	9.0		0.50	31		1.7
tert-Butyl Alcohol	75-65-0	9.0		5.0	27		15
Methyl tert-Butyl Ether	1634-04-4	10		0.50	36		1.8
trans-1,2-Dichloroethene	156-60-5	8.8		0.20	35		0.79
n-Hexane	110-54-3	8.1		0.50	29		1.8
1,1-Dichloroethane	75-34-3	8.7		0.20	35		0.81
1,2-Dichloroethene (total)	540-59-0	17		0.20	67		0.79
Methyl Ethyl Ketone	78-93-3	8.9		0.50	26		1.5
cis-1,2-Dichloroethene	156-59-2	8.6		0.20	34		0.79
Tetrahydrofuran	109-99-9	8.0		5.0	24		15
Chloroform	67-66-3	9.3		0.20	45		0.98
1,1,1-Trichloroethane	71-55-6	10		0.20	55		1.1
Cyclohexane	110-82-7	8.6		0.20	30		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	8.6		0.20	40		0.93
Benzene	71-43-2	8.3		0.20	27		0.64
1,2-Dichloroethane	107-06-2	10		0.20	40		0.81
n-Heptane	142-82-5	8.1		0.20	33		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041707LCSD

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041707

Date Analyzed: 4/17/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	9.1		0.20	49		1.1
1,2-Dichloropropane	78-87-5	8.2		0.20	38		0.92
1,4-Dioxane	123-91-1	7.9		5.0	28		18
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	8.9		0.20	40		0.91
Methyl Isobutyl Ketone	108-10-1	9.4		0.50	39		2.0
Toluene	108-88-3	8.6		0.20	32		0.75
trans-1,3-Dichloropropene	10061-02-6	9.3		0.20	42		0.91
1,1,2-Trichloroethane	79-00-5	8.0		0.20	44		1.1
Tetrachloroethene	127-18-4	10		0.20	68		1.4
Methyl Butyl Ketone	591-78-6	9.7		0.50	40		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	8.8		0.20	68		1.5
Chlorobenzene	108-90-7	8.5		0.20	39		0.92
Ethylbenzene	100-41-4	9.0		0.20	39		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	8.5		0.20	37		0.87
Xylene (total)	1330-20-7	26		0.20	110		0.87
Styrene	100-42-5	9.1		0.20	39		0.85
Bromoform	75-25-2	12		0.20	120		2.1
1,1,1,2-Tetrachloroethane	79-34-5	8.1		0.20	56		1.4
4-Ethyltoluene	622-96-8	10		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	9.2		0.20	45		0.98
2-Chlorotoluene	95-49-8	9.5		0.20	49		1.0
1,2,4-Trimethylbenzene	95-63-6	9.5		0.20	47		0.98
1,3-Dichlorobenzene	541-73-1	9.5		0.20	57		1.2
1,4-Dichlorobenzene	106-46-7	9.5		0.20	57		1.2
1,2-Dichlorobenzene	95-50-1	9.1		0.20	55		1.2
1,2,4-Trichlorobenzene	120-82-1	8.3		0.50	62		3.7
Hexachlorobutadiene	87-68-3	8.0		0.20	85		2.1
Naphthalene	91-20-3	7.3		0.50	38		2.6

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041807LCS

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041807

Date Analyzed: 4/18/2007

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	14		0.50	69		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	12		0.20	84		1.4
Chloromethane	74-87-3	9.8		0.50	20		1.0
Vinyl Chloride	75-01-4	9.6		0.20	25		0.51
1,3-Butadiene	106-99-0	9.8		0.50	22		1.1
Bromomethane	74-83-9	10		0.20	39		0.78
Chloroethane	75-00-3	11		0.50	29		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	11		0.20	62		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	13		5.0	31		12
Isopropyl Alcohol	67-63-0	12		5.0	29		12
Carbon Disulfide	75-15-0	12		0.50	37		1.6
3-Chloropropene	107-05-1	12		0.50	38		1.6
Methylene Chloride	75-09-2	13		0.50	45		1.7
tert-Butyl Alcohol	75-65-0	12		5.0	36		15
Methyl tert-Butyl Ether	1634-04-4	12		0.50	43		1.8
trans-1,2-Dichloroethene	156-60-5	12		0.20	48		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
1,2-Dichloroethene (total)	540-59-0	23		0.20	91		0.79
Methyl Ethyl Ketone	78-93-3	12		0.50	35		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Tetrahydrofuran	109-99-9	11		5.0	32		15
Chloroform	67-66-3	12		0.20	59		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	10		0.20	34		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		1.3
2,2,4-Trimethylpentane	540-84-1	12		0.20	56		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	11		0.20	45		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041807LCS

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041807

Date Analyzed: 4/18/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
1,4-Dioxane	123-91-1	9.4		5.0	34		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	12		0.50	49		2.0
Toluene	108-88-3	10		0.20	38		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
Tetrachloroethene	127-18-4	8.3		0.20	56		1.4
Methyl Butyl Ketone	591-78-6	13		0.50	53		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	9.8		0.20	75		1.5
Chlorobenzene	108-90-7	9.0		0.20	41		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.5		0.20	41		0.87
Xylene (total)	1330-20-7	28		0.20	120		0.87
Styrene	100-42-5	10		0.20	43		0.85
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	9.9		0.20	49		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	8.5		0.20	51		1.2
1,4-Dichlorobenzene	106-46-7	8.5		0.20	51		1.2
1,2-Dichlorobenzene	95-50-1	8.2		0.20	49		1.2
1,2,4-Trichlorobenzene	120-82-1	7.4		0.50	55		3.7
Hexachlorobutadiene	87-68-3	8.7		0.20	93		2.1
Naphthalene	91-20-3	8.2		0.50	43		2.6

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041807LCSD

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041807

Date Analyzed: 4/18/2007

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	14		0.50	69		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	13		0.20	91		1.4
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	9.9		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	11		0.50	29		1.3
Bromoethene	593-60-2	11		0.20	48		0.87
Trichlorofluoromethane	75-69-4	12		0.20	67		1.1
Freon TF	76-13-1	12		0.20	92		1.5
1,1-Dichloroethene	75-35-4	12		0.20	48		0.79
Acetone	67-64-1	13		5.0	31		12
Isopropyl Alcohol	67-63-0	12		5.0	29		12
Carbon Disulfide	75-15-0	12		0.50	37		1.6
3-Chloropropene	107-05-1	12		0.50	38		1.6
Methylene Chloride	75-09-2	13		0.50	45		1.7
tert-Butyl Alcohol	75-65-0	11		5.0	33		15
Methyl tert-Butyl Ether	1634-04-4	12		0.50	43		1.8
trans-1,2-Dichloroethene	156-60-5	12		0.20	48		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
1,2-Dichloroethene (total)	540-59-0	23		0.20	91		0.79
Methyl Ethyl Ketone	78-93-3	13		0.50	38		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Tetrahydrofuran	109-99-9	11		5.0	32		15
Chloroform	67-66-3	11		0.20	54		0.98
1,1,1-Trichloroethane	71-55-6	11		0.20	60		1.1
Cyclohexane	110-82-7	10		0.20	34		0.69
Carbon Tetrachloride	56-23-5	11		0.20	69		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	11		0.20	45		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA041807LCSD

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: CA041807

Date Analyzed: 4/18/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	10		0.20	54		1.1
1,2-Dichloropropane	78-87-5	11		0.20	51		0.92
1,4-Dioxane	123-91-1	9.4		5.0	34		18
Bromodichloromethane	75-27-4	11		0.20	74		1.3
cis-1,3-Dichloropropene	10061-01-5	11		0.20	50		0.91
Methyl Isobutyl Ketone	108-10-1	12		0.50	49		2.0
Toluene	108-88-3	10		0.20	38		0.75
trans-1,3-Dichloropropene	10061-02-6	11		0.20	50		0.91
1,1,2-Trichloroethane	79-00-5	9.9		0.20	54		1.1
Tetrachloroethene	127-18-4	8.0		0.20	54		1.4
Methyl Butyl Ketone	591-78-6	12		0.50	49		2.0
Dibromochloromethane	124-48-1	10		0.20	85		1.7
1,2-Dibromoethane	106-93-4	9.6		0.20	74		1.5
Chlorobenzene	108-90-7	8.8		0.20	41		0.92
Ethylbenzene	100-41-4	10		0.20	43		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.2		0.20	40		0.87
Xylene (total)	1330-20-7	28		0.20	120		0.87
Styrene	100-42-5	9.8		0.20	42		0.85
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	10		0.20	69		1.4
4-Ethyltoluene	622-96-8	11		0.20	54		0.98
1,3,5-Trimethylbenzene	108-67-8	9.9		0.20	49		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	10		0.20	49		0.98
1,3-Dichlorobenzene	541-73-1	8.4		0.20	51		1.2
1,4-Dichlorobenzene	106-46-7	8.4		0.20	51		1.2
1,2-Dichlorobenzene	95-50-1	8.1		0.20	49		1.2
1,2,4-Trichlorobenzene	120-82-1	6.8		0.50	50		3.7
Hexachlorobutadiene	87-68-3	8.3		0.20	89		2.1
Naphthalene	91-20-3	7.5		0.50	39		2.6

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK041707CA

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0417

Date Analyzed: 4/17/2007

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	0.50	U	0.50	1.3	U	1.3
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
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
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
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
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
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK041707CA

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0417

Date Analyzed: 4/17/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
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
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
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
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
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
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
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
Xylene (total)	1330-20-7	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
1,1,1,2-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
Naphthalene	91-20-3	0.50	U	0.50	2.6	U	2.6

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK041807CA

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0418

Date Analyzed: 4/18/2007

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	0.50	U	0.50	1.3	U	1.3
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
Acetone	67-64-1	5.0	U	5.0	12	U	12
Isopropyl Alcohol	67-63-0	5.0	U	5.0	12	U	12
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
tert-Butyl Alcohol	75-65-0	5.0	U	5.0	15	U	15
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
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
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
Methyl Ethyl Ketone	78-93-3	0.50	U	0.50	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Tetrahydrofuran	109-99-9	5.0	U	5.0	15	U	15
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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK041807CA

Lab Name: STL Burlington

SDG Number: NY119362

Case Number:

Sample Matrix: AIR

Lab Sample No.: MBLK0418

Date Analyzed: 4/18/2007

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
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
1,4-Dioxane	123-91-1	5.0	U	5.0	18	U	18
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
Methyl Isobutyl Ketone	108-10-1	0.50	U	0.50	2.0	U	2.0
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
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Methyl Butyl Ketone	591-78-6	0.50	U	0.50	2.0	U	2.0
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
Xylene (total)	1330-20-7	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
Naphthalene	91-20-3	0.50	U	0.50	2.6	U	2.6

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

CHAIN OF CUSTODY RECORD

Report to: Company: DELTA ENVIRONMENTAL Address: 101 JAMESVILLE RD SYRACUSE, NY 13214 Contact: GREGG BRUMM Phone: 315-445-0224 Fax: 315-445-0793 Contract/ Quote:				Invoice to: Company: SAME Address: Contact: Phone: Fax:				ANALYSIS REQUESTED		Lab Use Only Due Date:	
SAMPLER'S NAME JAMIE PENTLAND				SAMPLER'S SIGNATURE				Temp. of coolers when received (C°):		Temp. of coolers when received (C°):	
Project Name PERRY, NEW YORK SITE				No/Type of Containers 10 SUMMA CANS				Custody Seal N / Y		Intact N / Y	
Identifying Marks of Sample(s)				VOA				A/G 1 Lt.		250 ml	
Matrix ¹				Date				Time			
8/29				SS-1 (CANISTER # 4342)				1			
				IA-1 (CANISTER # 4326)				1			
				SS-2 (CANISTER # 2862)				1			
				IA-2 (CANISTER # 4072)				1			
				SS-3 (CANISTER # 4145)				1			
				IA-3 (CANISTER # 4379)				1			
				SS-4 (CANISTER # 4331)				1			
				IA-4 (CANISTER # 4209)				1			
				SS-5 (CANISTER # 3527)				1			
				IA-5 (CANISTER # 2670)				1			
Relinquished by: (Signature) H. H. H. H. H.				Date 3/30/07				Time 1115			
Relinquished by: (Signature) H. H. H. H. H.				Date 3/30/07				Time 1225			
Relinquished by: (Signature) H. H. H. H. H.				Date 3/30/07				Time 1830			
Matrix WW - Wastewater				S - Soil				L - Liquid			
Container VOA - 40 ml vial				A/G - Amber / Or Glass 1 Liter				250 ml - Glass wide mouth			
Remarks				Date				Time			
				3/30/07				1115			
				3/30/07				1225			
				3/30/07				1830			
Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.				STL Cannot accept verbal changes. Please Fax written changes to (802) 660-1919							

STL Burlington

30 Community Drive, Suite 11
South Burlington, VT 05403 T

CHAIN OF CUSTODY RECORD

Report to: CONSULTANTS, INC. Company: DELTA ENVIRONMENTAL Address: 104 SAMESVILLE RD SYRACUSE, NY 13214 Contact: GREG G. DEWITT Phone: 315-445-0224 Fax: 315-445-0793 Contract/Quote:		Invoice to: SAVE Company: Address: Contact: Phone: Fax:		Temp. of coolers when received (C°): 1 2 3 4 5 Custody Seal N / Y Intact N / Y Screened For Radioactivity ☐		Lab Use Only Due Date:	
Project Name: JAMIE PERITLAND Project Address: PERRY, NEW YORK SITE Project No.:				Sampler's Name: Jamie Peritland No/Type of Containers:			
Identifying Marks of Sample(s) 400-1 (CANISTER # 3434)		VOA A/G 1 Lt. 250 ml P/O		Lab/Sample ID (Lab Use Only)			
Matrix: 3/19 Date: 3/30/07 Time: 1115		Date: 3/30/07 Time: 1115		ANALYSIS REQUESTED TO-15, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100			
Relinquished by: (Signature) Greg G. DeWitt Date: 3/30/07 Time: 1225		Received by: (Signature) HELEN BUELL Date: 3/30/07 Time: 1225		Remarks:			
Relinquished by: (Signature) HELEN BUELL Date: 3/30/07 Time: 1830		Received by: (Signature) R. ENGELSH Date: 3/30/07 Time: 1830		Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.			
Relinquished by: (Signature) R. ENGELSH Date: 3/30/07 Time: 1830		Received by: (Signature) R. ENGELSH Date: 3/30/07 Time: 1830		Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.			
Matrix: WW Container: VOA		Matrix: WW Container: VOA		Matrix: WW Container: VOA			



QC Summary - TO-15 Low Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: EA041807LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon Tetrachloride	0.10		0.11	110	70-130
Trichloroethene	0.10		0.10	100	70-130

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	REC.
Carbon Tetrachloride	0.10	0.11	110	0	25	70-130
Trichloroethene	0.10	0.11	110	10	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 2 outside limits

Spike Recovery: 0 out of 4 outside limits

COMMENTS:

FORM III VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK041807EA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Lab File ID: ECIB01D

Lab Sample ID: MBLK041807EA

Date Analyzed: 04/18/07

Time Analyzed: 1712

GC Column: RTX-624 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: E

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	EA041807LCS	EA041807LCS	ECI10DQ	1537
02	EA041807LCSD	EA041807LCSD	ECI10DQD	1625
03	IA-1	705403	705403	1800
04	UW-1	705412	705412	1847
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
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22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 27000
Lab Code: STLVT Case No.: 27000 SAS No.: SDG No.: NY119362
Lab File ID: ECI01PV BFB Injection Date: 04/10/07
Instrument ID: E BFB Injection Time: 2220
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	15.2
75	30.0 - 66.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	100.8
175	4.0 - 9.0% of mass 174	7.2 (7.1)1
176	93.0 - 101.0% of mass 174	97.9 (97.1)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	ASTD001	ASTD001	ECI10V	04/10/07	2330
02	ASTD002	ASTD002	ECI20V	04/11/07	0018
03	ASTD005	ASTD005	ECI50V	04/11/07	0154
04	ASTD010	ASTD010	ECI100V	04/11/07	0241
05	ASTD020	ASTD020	ECI200V	04/11/07	0329
06	ASTD050	ASTD050	ECI500V	04/11/07	0417
07	ASTD1000	ASTD1000	ECI1KV	04/11/07	0506
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: 27000
Lab Code: STLV Case No.: 27000 SAS No.: SDG No.: NY119362
Lab File ID: ECI05PV BFB Injection Date: 04/18/07
Instrument ID: E BFB Injection Time: 1342
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	15.2
75	30.0 - 66.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	103.2
175	4.0 - 9.0% of mass 174	7.5 (7.3)1
176	93.0 - 101.0% of mass 174	100.4 (97.2)1
177	5.0 - 9.0% of mass 176	6.5 (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	ECI10DV	04/18/07	1450
02	EA041807LCS	EA041807LCS	ECI10DQ	04/18/07	1537
03	EA041807LCSD	EA041807LCSD	ECI10DQD	04/18/07	1625
04	MBLK041807EA	MBLK041807EA	ECIB01D	04/18/07	1712
05	IA-1	705403	705403	04/18/07	1800
06	UW-1	705412	705412	04/18/07	1847
07					
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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Lab File ID (Standard): ECI10DV

Date Analyzed: 04/18/07

Instrument ID: E

Time Analyzed: 1450

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		1022501	8.99	5177553	9.90	4977310	12.34
UPPER LIMIT		1431501	9.32	7248574	10.23	6968234	12.67
LOWER LIMIT		613501	8.66	3106532	9.57	2986386	12.01
=====		=====	=====	=====	=====	=====	=====
CLIENT							
SAMPLE NO.							
=====		=====	=====	=====	=====	=====	=====
01 EA041807LCS		987254	8.99	4883676	9.90	4813031	12.34
02 EA041807LCSD		1010124	8.99	4947607	9.90	4898705	12.34
03 MBLK041807EA		1001913	8.99	5232097	9.90	4854746	12.34
04 IA-1		953201	8.99	4653674	9.90	4617057	12.34
05 UW-1		883813	8.99	4390903	9.90	4274782	12.34
06							
07							
08							
09							
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13							
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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.



Supportive Documentation - TO-15 Low Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705403

Sample wt/vol: 125.0 (g/mL) ML

Lab File ID: 705403

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 4.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

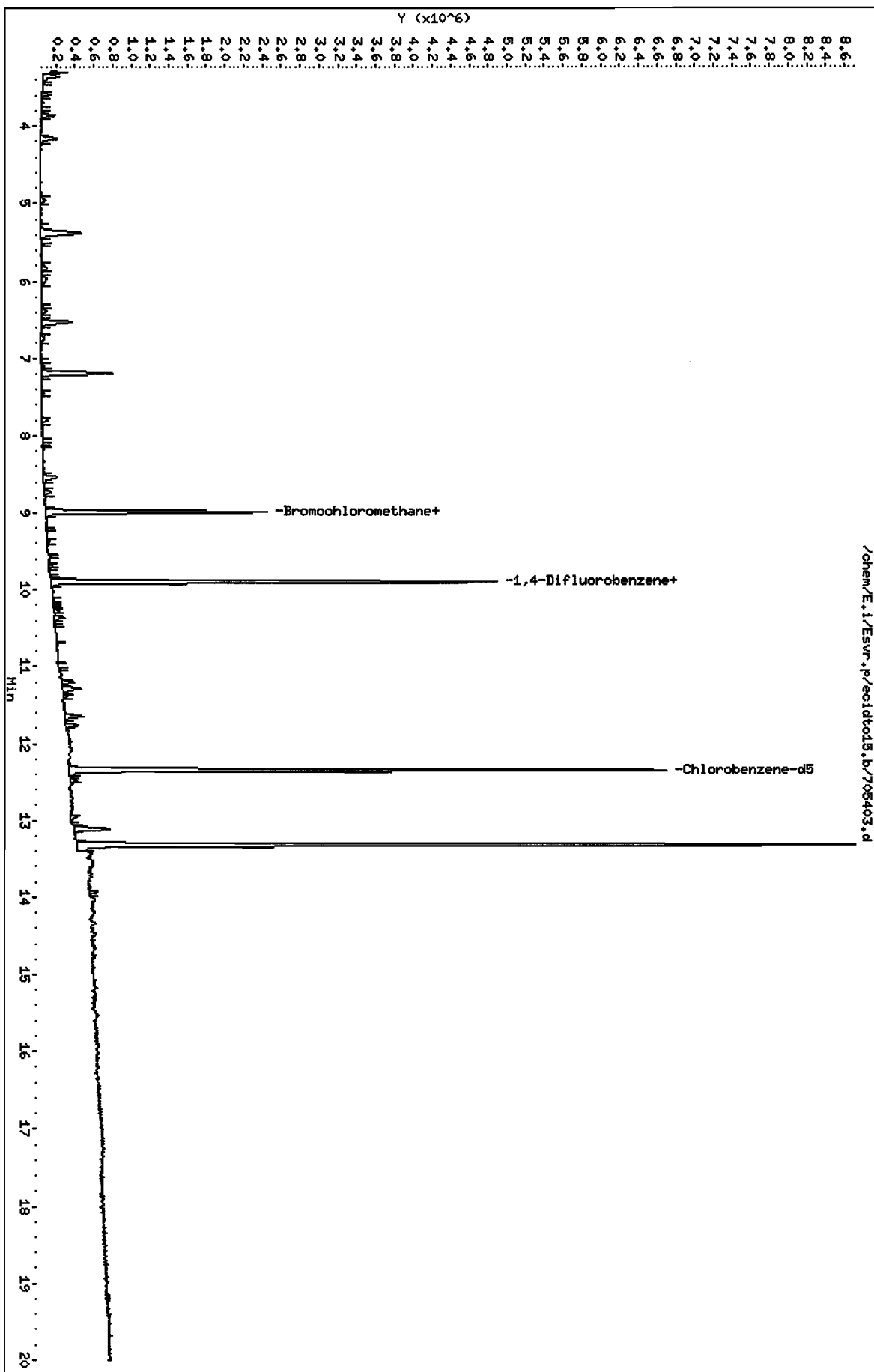
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

56-23-5-----	Carbon Tetrachloride_____	0.064	
79-01-6-----	Trichloroethene_____	0.040	U

FORM I VOA

Data File: /chem/E.i/Esvr.p/acidto15.b/705403.d
 Date : 18-APR-2007 18:00
 Client ID: IA-1
 Sample Info: IA-1 : I 103/29/07 @ (AIR)
 Purge Volume: 125.0
 Column phase: RTX-624

Instrument: E.i
 Operator: wrd
 Column diameter: 0.32



Data File: /chem/E.i/Esvr.p/ecidto15.b/705403.d
Report Date: 19-Apr-2007 11:16

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STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecidto15.b/705403.d
Lab Smp Id: 705403 Client Smp ID: IA-1
Inj Date : 18-APR-2007 18:00
Operator : wrd Inst ID: E.i
Smp Info : IA-1 :[]03/29/07 @ (AIR)
Misc Info : 705403;041807EA;4;125
Comment :
Method : /chem/E.i/Esvr.p/ecidto15.b/to15low.m
Meth Date : 19-Apr-2007 11:15 rs1 Quant Type: ISTD
Cal Date : 11-APR-2007 05:06 Cal File: ecilkv.d
Als bottle: 4
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TCECTeT.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	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)
* 25 Bromochloromethane	128		8.987	8.987	(1.000)	953201	3.00000	
30 Carbon Tetrachloride	117		9.367	9.367	(0.946)	18905	0.01596	0.064
* 35 1,4-Difluorobenzene	114		9.897	9.897	(1.000)	4653674	3.00000	
36 Trichloroethene	95		Compound Not Detected.					
* 50 Chlorobenzene-d5	117		12.342	12.342	(1.000)	4617057	3.00000	

Date : 18-APR-2007 18:00

Client ID: IA-1

Instrument: E.i

Sample Info: IA-1 :[103/29/07 @ (AIR)

Purge Volume: 125.0

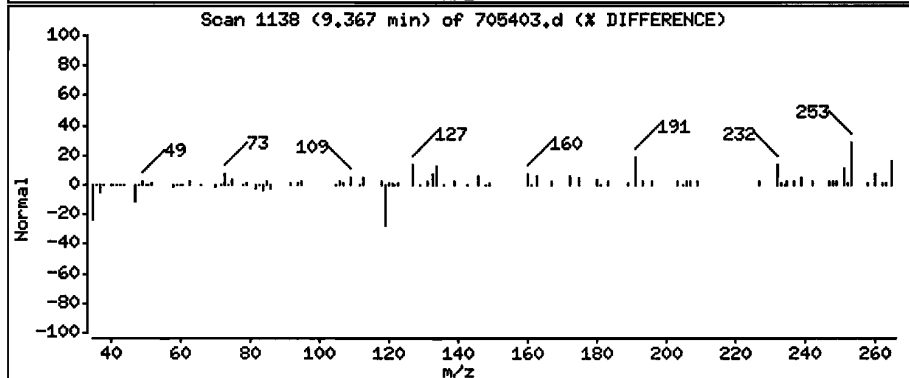
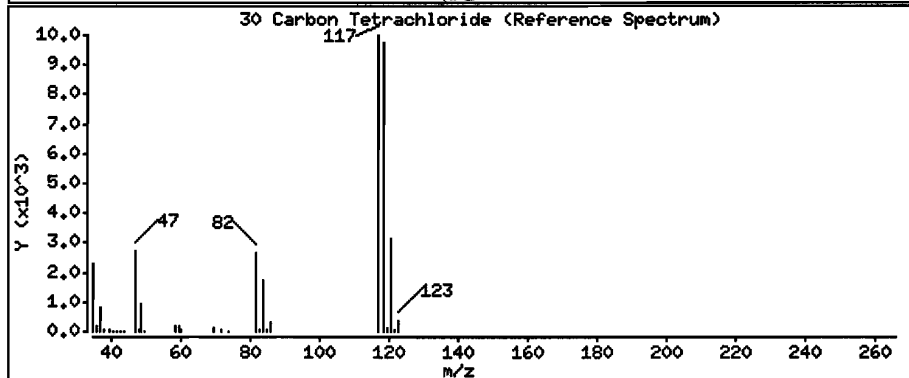
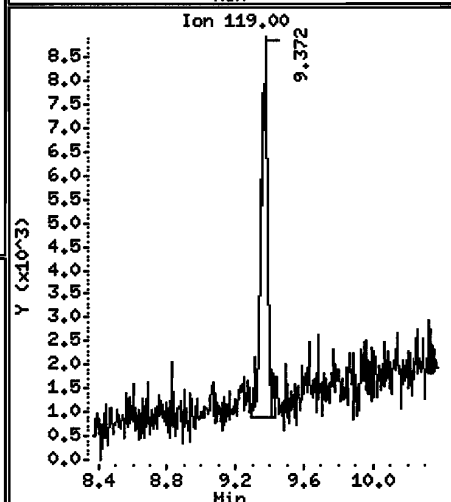
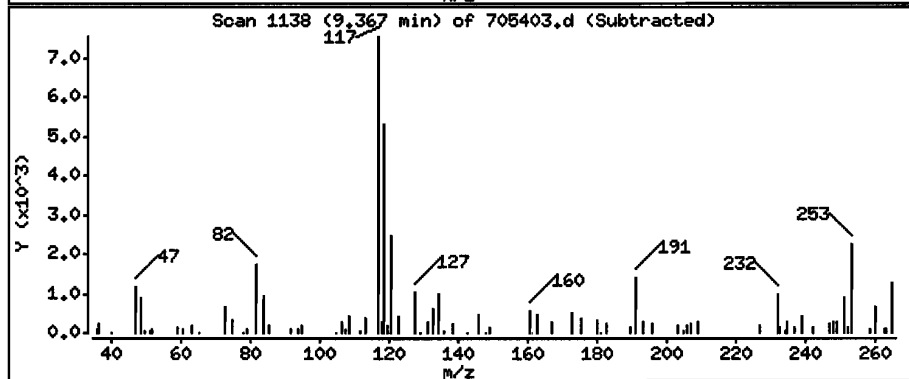
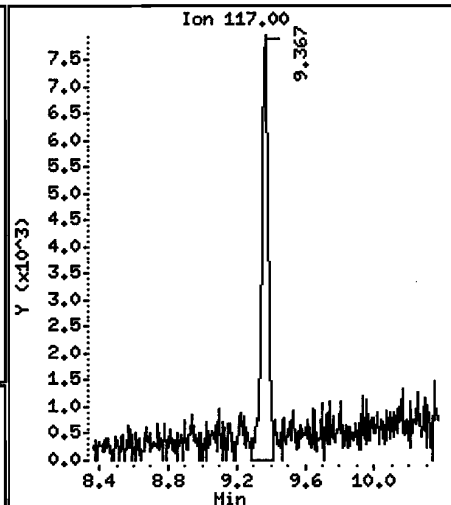
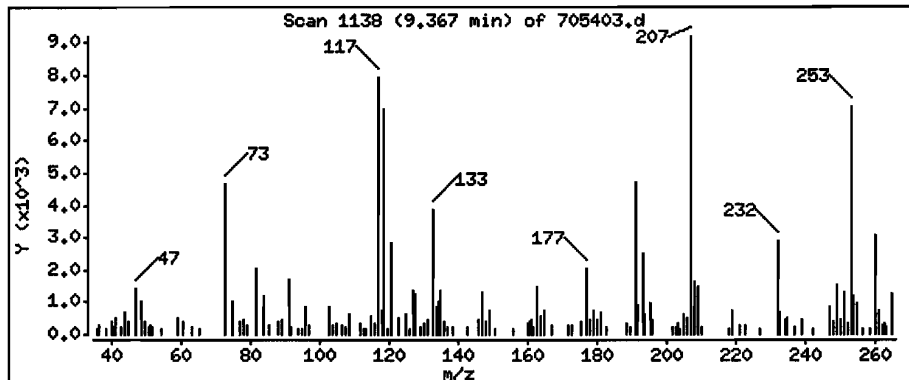
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

30 Carbon Tetrachloride

Concentration: 0.064 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

UW-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705412

Sample wt/vol: 125.0 (g/mL) ML

Lab File ID: 705412

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 4.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

56-23-5-----Carbon Tetrachloride		
79-01-6-----Trichloroethene		

0.061

0.040

U

FORM I VOA

Data File: /chem/E.i/Esrv.p/acidtot5.b/705412.d

Date : 18-APR-2007 18:47

Client ID: UM-1

Sample Info: UM-1 : I 103/29/07 @ (AIR)

Purge Volume: 125.0

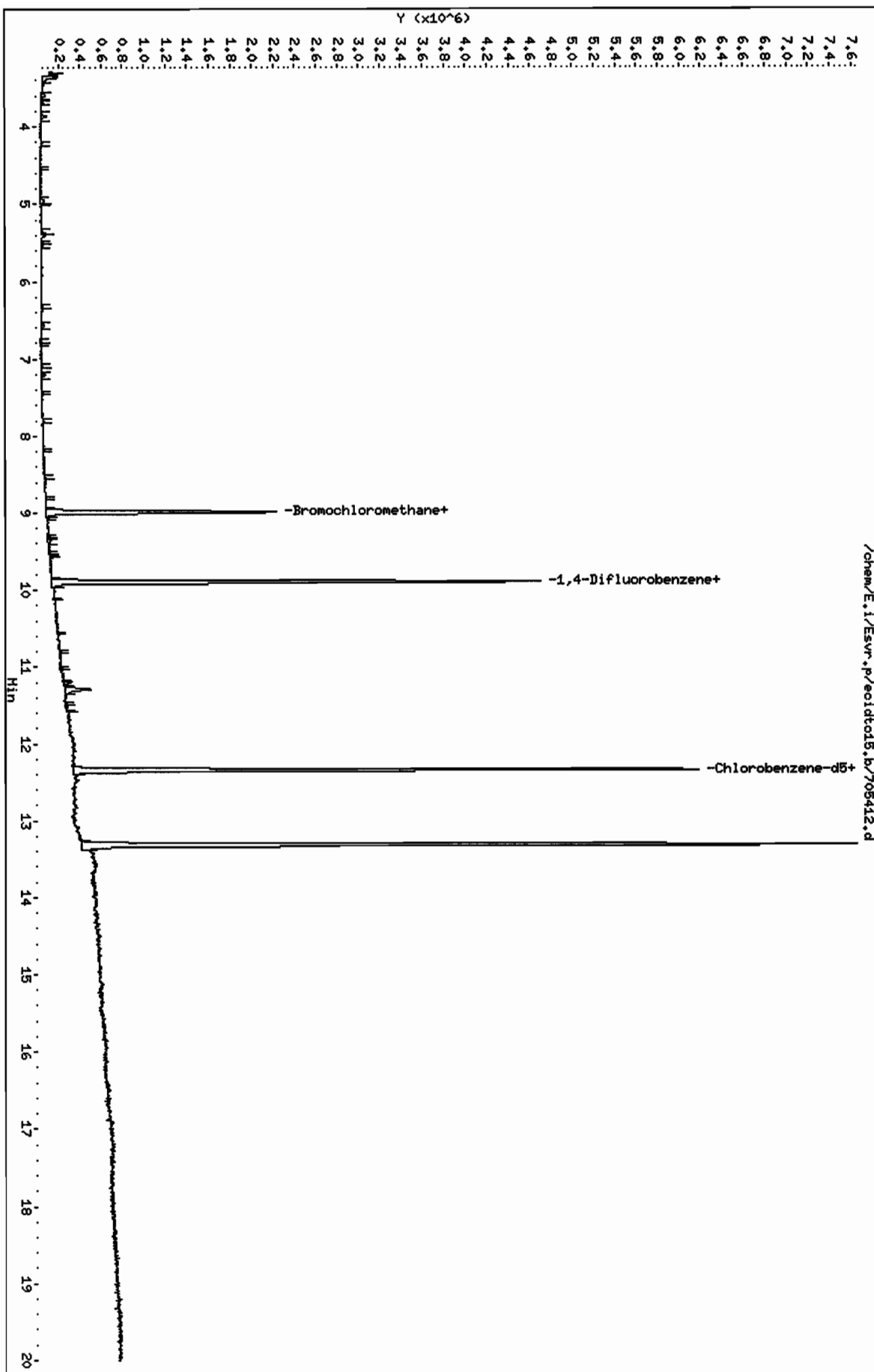
Column phase: RTX-624

Instrument: E.i

Operator: wrd

Column diameter: 0.32

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Data File: /chem/E.i/Esvr.p/ecidto15.b/705412.d
Report Date: 19-Apr-2007 11:16

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STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecidto15.b/705412.d
Lab Smp Id: 705412 Client Smp ID: UW-1
Inj Date : 18-APR-2007 18:47
Operator : wrd Inst ID: E.i
Smp Info : UW-1 :[]03/29/07 @ (AIR)
Misc Info : 705412;041807EA;4;125
Comment :
Method : /chem/E.i/Esvr.p/ecidto15.b/to15low.m
Meth Date : 19-Apr-2007 11:15 rs1 Quant Type: ISTD
Cal Date : 11-APR-2007 05:06 Cal File: ecilkv.d
Als bottle: 5
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: TCECTeT.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	125.00000	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)
* 25 Bromochloromethane	128		8.987	8.987	(1.000)	883813	3.00000	
30 Carbon Tetrachloride	117		9.367	9.367	(0.946)	17079	0.01528	0.061
* 35 1,4-Difluorobenzene	114		9.897	9.897	(1.000)	4390903	3.00000	
36 Trichloroethene	95		Compound Not Detected.					
* 50 Chlorobenzene-d5	117		12.342	12.342	(1.000)	4274782	3.00000	

Data File: /chem/E.i/Esvr.p/ecidto15.b/705412.d

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Date : 18-APR-2007 18:47

Client ID: UW-1

Instrument: E.i

Sample Info: UW-1 :[103/29/07 @ (AIR)

Purge Volume: 125.0

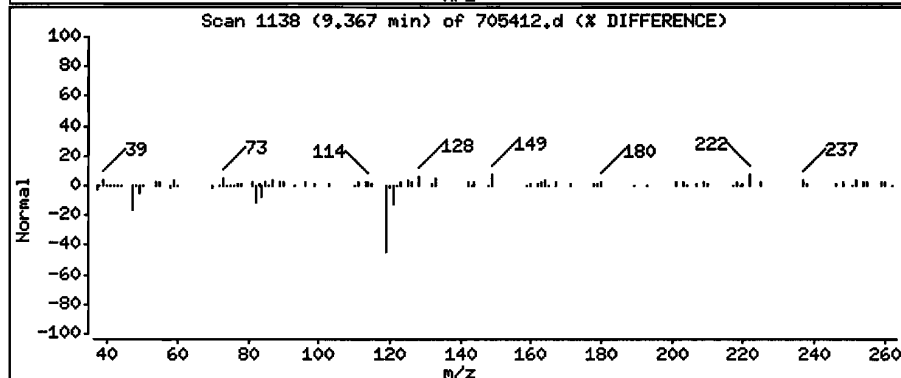
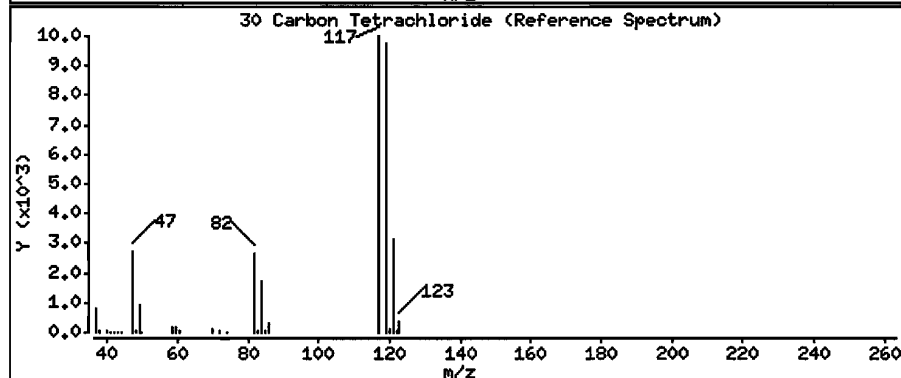
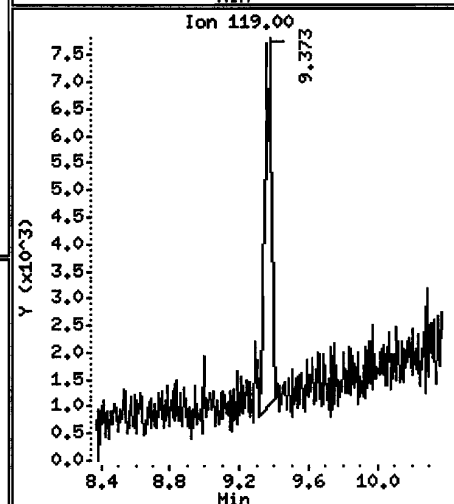
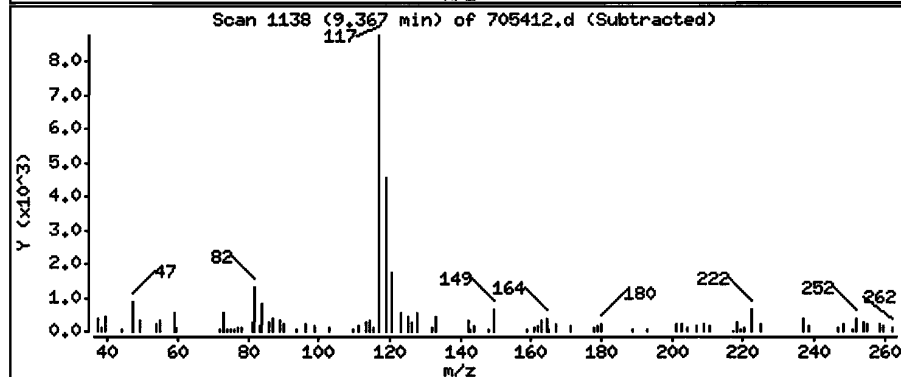
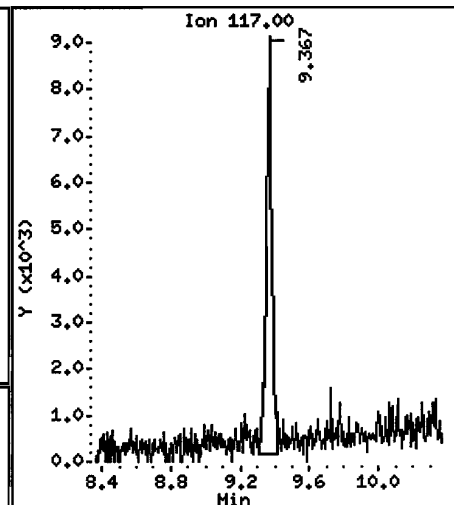
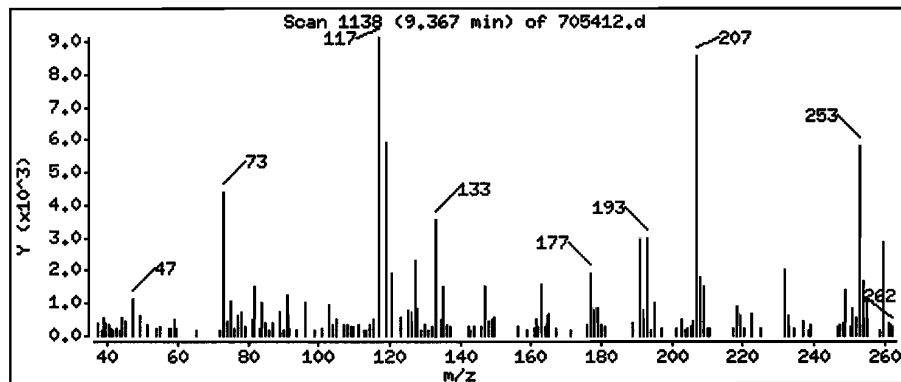
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

30 Carbon Tetrachloride

Concentration: 0.061 ppbv





Standards - TO-15 Low Volatile

Data File: /chem/E.1/Esvr.p/eoit05.b/eoit0v.d

Date : 10-APR-2007 23:30

Client ID: astd001

Sample Info:

Purge Volume: 100.0

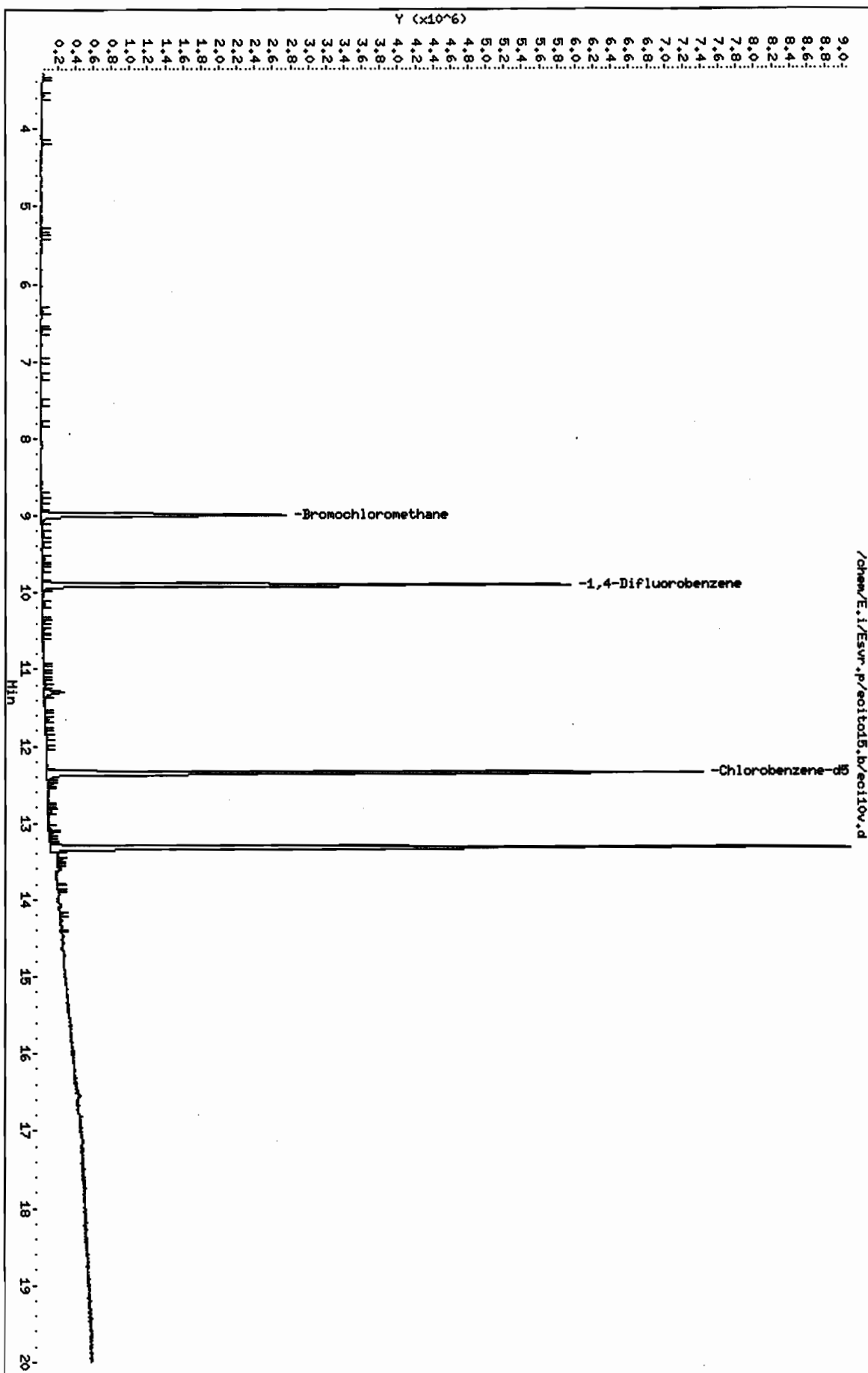
Column phase: RTX-624

Instrument: E.1

Operator: jkn

Column diameter: 0.32

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STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/eci10v.d
 Lab Smp Id: astd001 Client Smp ID: astd001
 Inj Date : 10-APR-2007 23:30
 Operator : jkn Inst ID: E.i
 Smp Info :
 Misc Info : astd001;041007EA;1;100
 Comment :
 Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
 Meth Date : 13-Apr-2007 14:44 sv Quant Type: ISTD
 Cal Date : 10-APR-2007 23:30 Cal File: eci10v.d
 Als bottle: 1 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15LL.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	100.00000	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	3.354	3.354	(0.373)	14208	0.01000	0.011
2 1,2-Dichlorotetrafluoroethane	85	3.568	3.568	(0.397)	12560	0.01000	0.010
4 Vinyl Chloride	62	3.889	3.894	(0.432)	4699	0.01000	0.013 (aM)
5 1,3-Butadiene	54	3.969	3.958	(0.441)	2401	0.01000	0.0094 (a)
6 Bromomethane	94	4.649	4.638	(0.517)	4973	0.01000	0.011 (aQ)
7 Chloroethane	64	4.873	4.868	(0.542)	2840	0.01000	0.015 (aM)
8 Bromoethene	106	5.285	5.280	(0.588)	5671	0.01000	0.011 (aM)
9 Trichlorofluoromethane	101	5.382	5.381	(0.598)	17702	0.01000	0.011
11 1,1-Dichloroethene	96	6.403	6.403	(0.712)	4611	0.01000	0.010
15 3-Chloropropene	41	7.003	6.992	(0.779)	4833	0.01000	0.013 (aQ)
18 Methyl tert-Butyl Ether	73	7.532	7.516	(0.838)	11268	0.01000	0.0092 (a)
19 trans-1,2-Dichloroethene	61	7.538	7.532	(0.838)	6464	0.01000	0.011
20 n-Hexane	57	7.800	7.800	(0.867)	6387	0.01000	0.012 (a)
21 1,1-Dichloroethane	63	8.089	8.088	(0.899)	7511	0.01000	0.010
M 22 1,2-Dichloroethene (total)	61				12186	0.02000	0.022

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
24 cis-1,2-Dichloroethene	96	8.741	8.736	(0.972)	5722	0.01000	0.011
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1109046	3.00000	
26 Chloroform	83	9.030	9.035	(1.004)	11148	0.01000	0.010
28 1,1,1-Trichloroethane	97	9.223	9.228	(0.931)	13295	0.01000	0.0099(a)
29 Cyclohexane	84	9.260	9.249	(0.935)	8229	0.01000	0.012
30 Carbon Tetrachloride	117	9.378	9.372	(0.947)	15022	0.01000	0.010
31 2,2,4-Trimethylpentane	57	9.554	9.549	(0.965)	28476	0.01000	0.014
32 Benzene	78	9.581	9.581	(0.968)	14108	0.01000	0.010
33 1,2-Dichloroethane	62	9.629	9.629	(0.972)	7960	0.01000	0.011(a)
34 n-Heptane	43	9.704	9.693	(0.980)	7042	0.01000	0.012(M)
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5707998	3.00000	
36 Trichloroethene	95	10.143	10.148	(1.024)	8069	0.01000	0.011
38 1,2-Dichloropropane	63	10.368	10.367	(1.047)	5089	0.01000	0.013(aQ)
40 Bromodichloromethane	83	10.582	10.576	(1.069)	10016	0.01000	0.0090(a)
41 cis-1,3-Dichloropropene	75	10.951	10.940	(1.106)	7391	0.01000	0.0094(a)
43 Toluene	92	11.207	11.207	(0.908)	10784	0.01000	0.0096(a)
44 trans-1,3-Dichloropropene	75	11.389	11.389	(1.150)	9545	0.01000	0.011
45 1,1,2-Trichloroethane	83	11.550	11.544	(0.935)	5282	0.01000	0.011
46 Tetrachloroethene	166	11.651	11.651	(0.944)	14837	0.01000	0.010
48 Dibromochloromethane	129	11.882	11.881	(0.962)	11875	0.01000	0.0093(aM)
49 1,2-Dibromoethane	107	12.021	12.010	(0.974)	9082	0.01000	0.0087(a)
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5357701	3.00000	
52 Ethylbenzene	91	12.400	12.395	(1.004)	25530	0.01000	0.0094(a)
53 Xylene (m,p)	106	12.491	12.491	(1.012)	20565	0.02000	0.018(a)
54 Xylene (o)	106	12.839	12.834	(1.040)	11037	0.01000	0.0096(a)
M 56 Xylene (total)	106				31602	0.01000	0.027
57 Bromoform	173	13.074	13.074	(1.059)	11462	0.01000	0.0084(a)
58 1,1,2,2-Tetrachloroethane	83	13.390	13.385	(1.084)	8639	0.01000	0.0069(a)
59 4-Ethyltoluene	105	13.551	13.550	(1.097)	22086	0.01000	0.0066(a)
60 1,3,5-Trimethylbenzene	105	13.593	13.588	(1.101)	19244	0.01000	0.0068(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

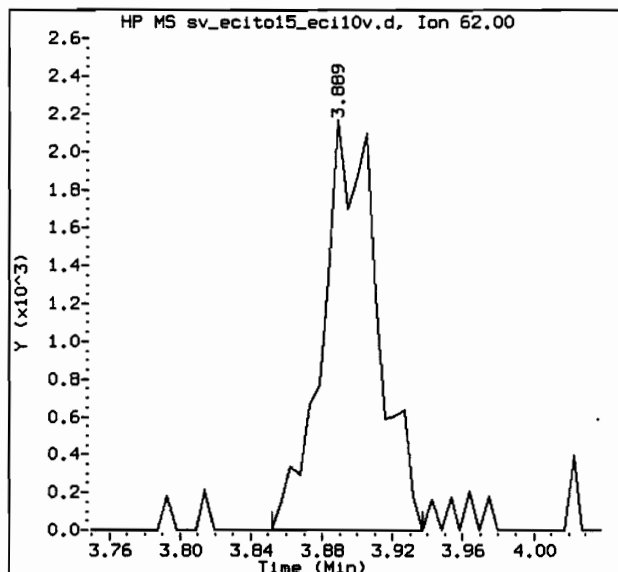
56
04/13/2007

MANUAL INTEGRATION REPORT

Data File Name: ec110v.d
 Client Sample ID: astd001
 Compound Name: Vinyl Chloride

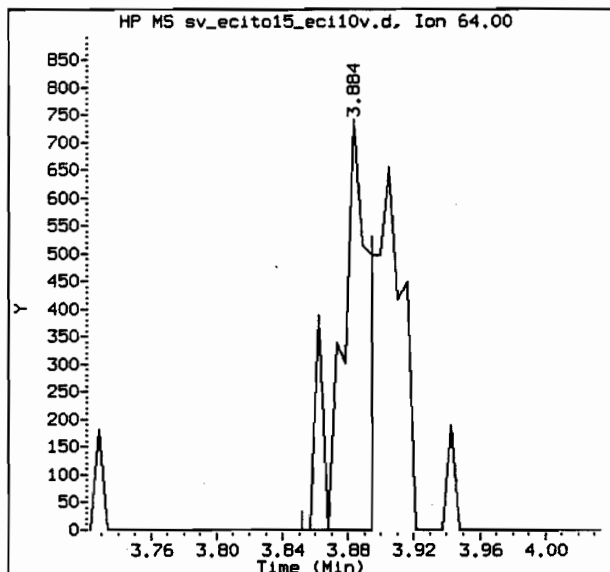
Inj. Date and Time: 10-APR-2007 23:30
 Instrument ID: E.i
 CAS #: 75-01-4

Target Version: Target 3.50
 Report Version: 1.1
 Report Date: 04/13/2007 14:44

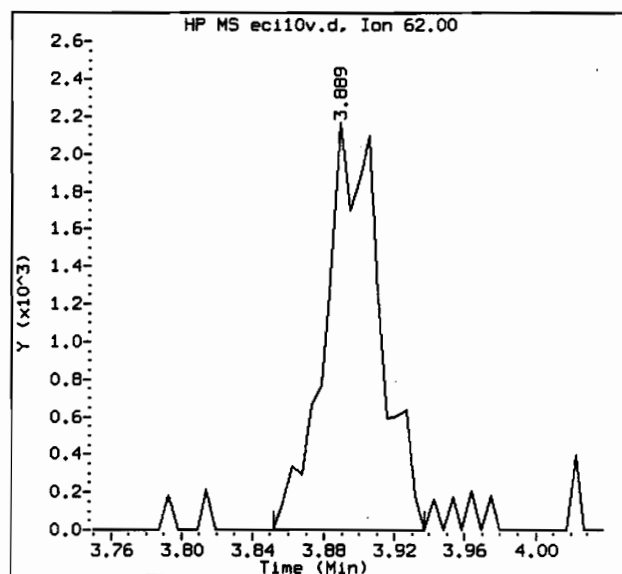


Original Integrations:

Area = 4699

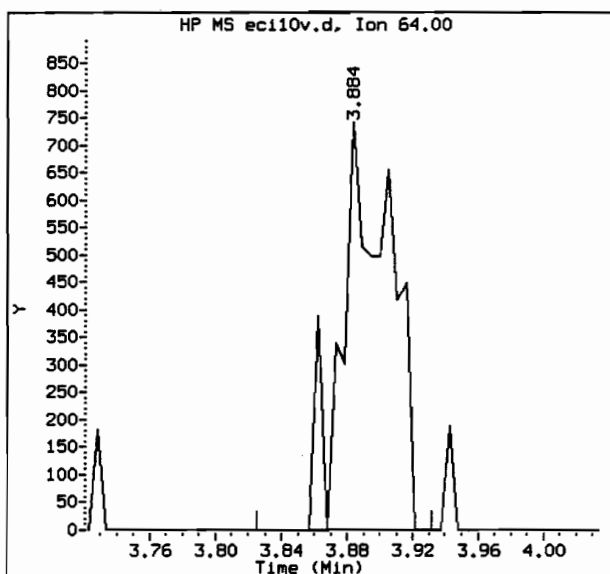


Area = 893



Final Integrations:

Area = 4699



Area = 1541

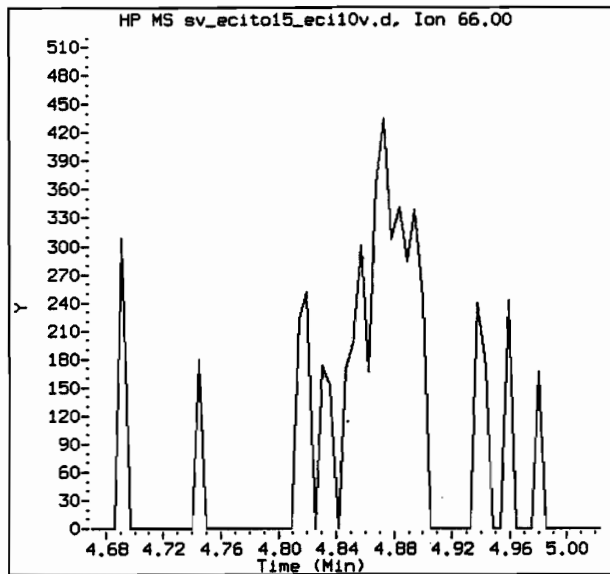
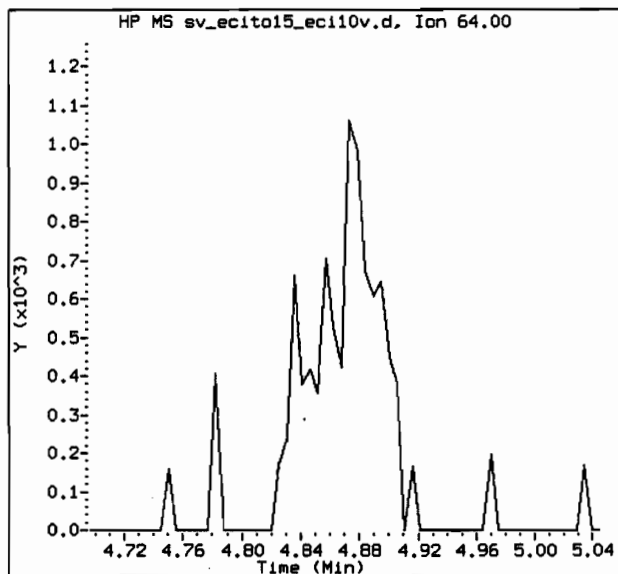
Manual Integration Reason: M1 - Peak Missed

MANUAL INTEGRATION REPORT

Data File Name: ec110v.d
Client Sample ID: astd001
Compound Name: Chloroethane

Inj. Date and Time: 10-APR-2007 23:30
Instrument ID: E.i
CAS #: 75-00-3

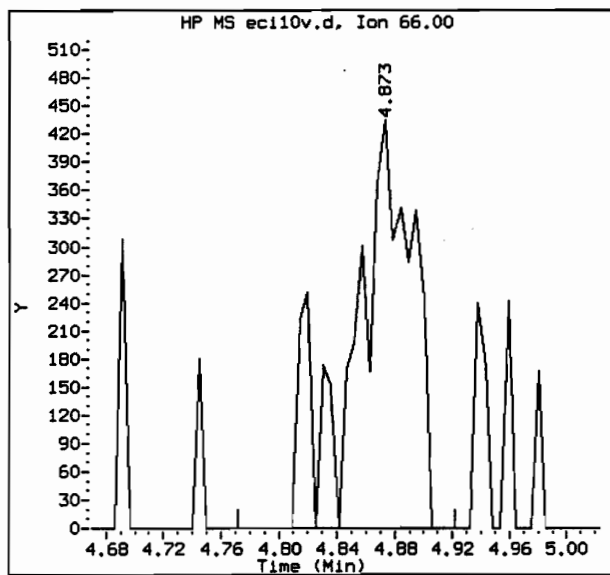
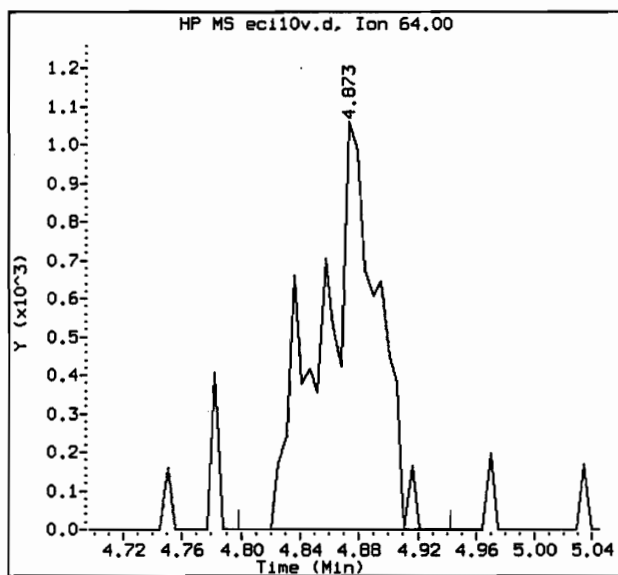
Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/13/2007 14:44



Original Integrations:

Area = 0

Area = 0



Final Integrations:

Area = 2840

Area = 1266

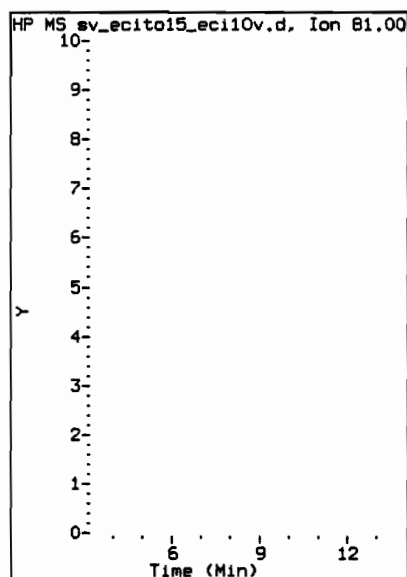
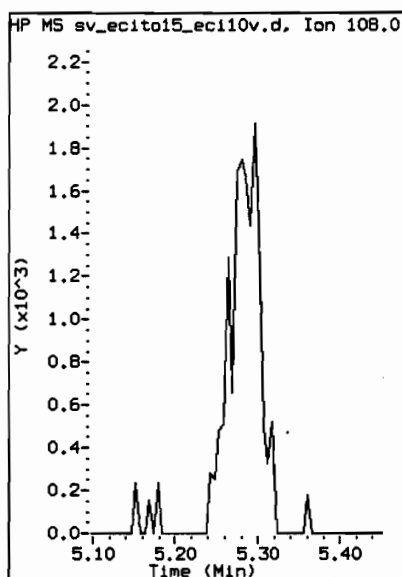
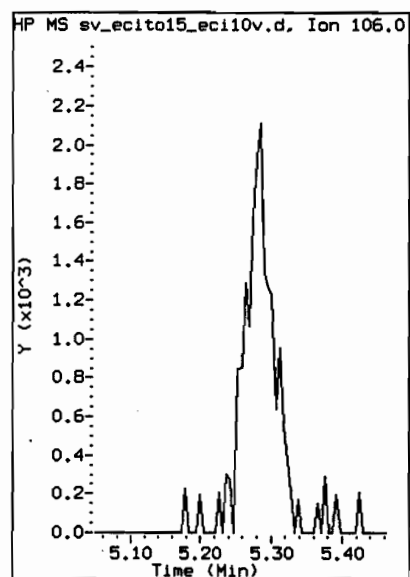
Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: ec110v.d
Client Sample ID: astd001
Compound Name: Bromoethene

Inj. Date and Time: 10-APR-2007 23:30
Instrument ID: E.i
CAS #: 593-60-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/13/2007 14:44

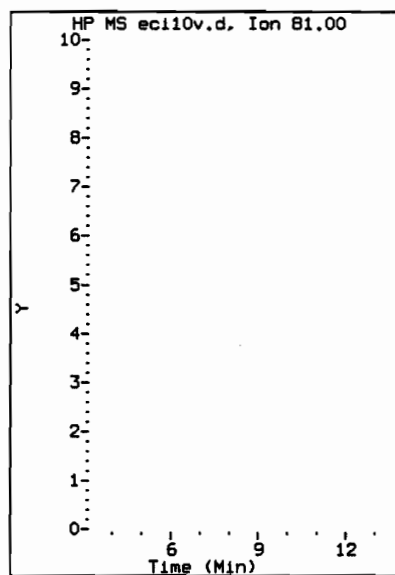
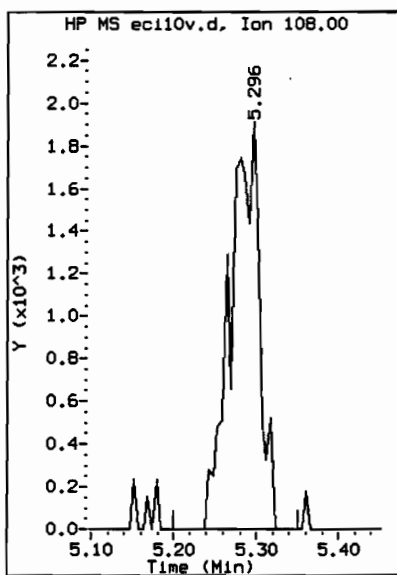
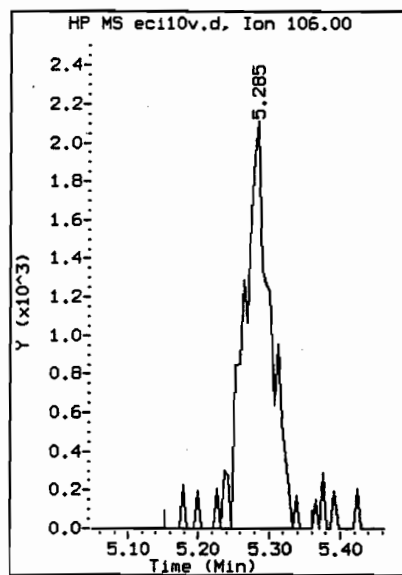


Original Integrations:

Area = 0

Area = 0

Area = 0



Final Integrations:

Area = 5671

Area = 4718

Area = 0

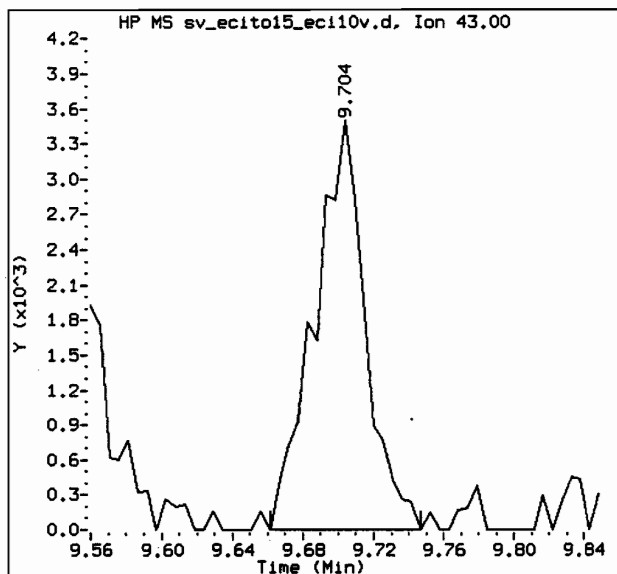
Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: ec110v.d
Client Sample ID: astd001
Compound Name: n-Heptane

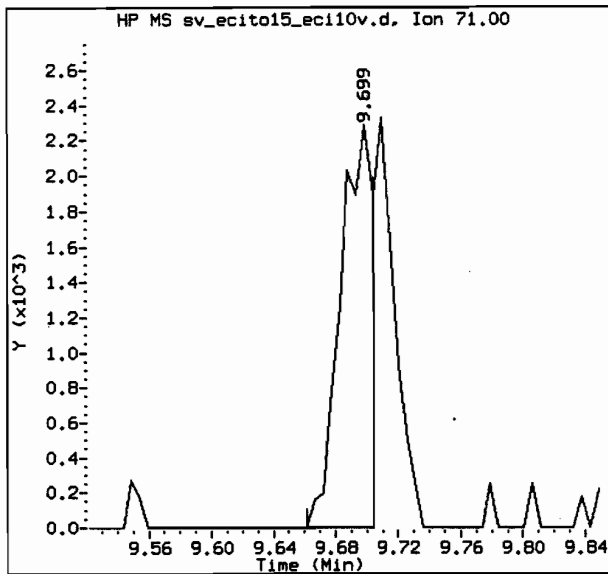
Inj. Date and Time: 10-APR-2007 23:30
Instrument ID: E.i
CAS #: 142-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/13/2007 14:44

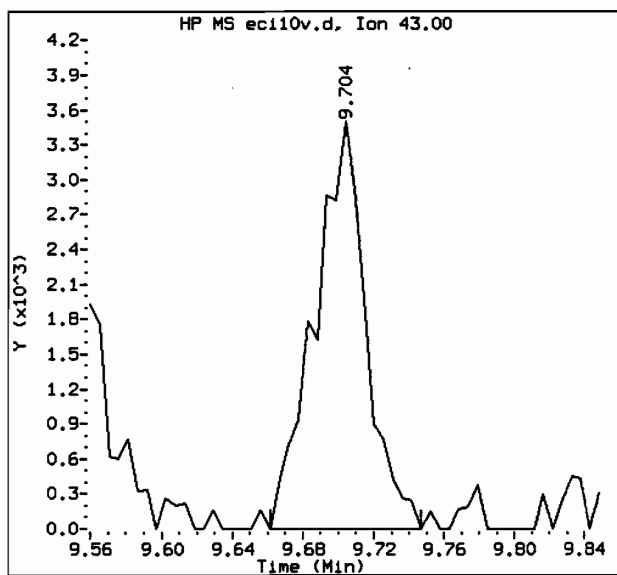


Original Integrations:

Area = 7042

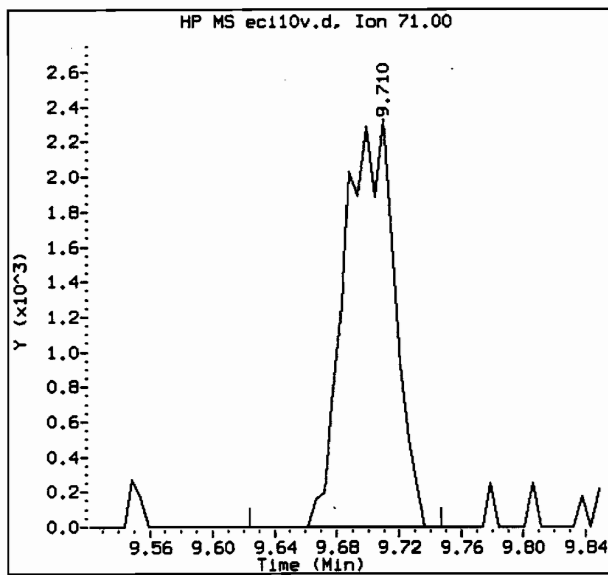


Area = 3365



Final Integrations:

Area = 7042



Area = 5162

Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: ec110v.d

Inj. Date and Time: 10-APR-2007 23:30

Target Version: Target 3.50

Client Sample ID: astd001

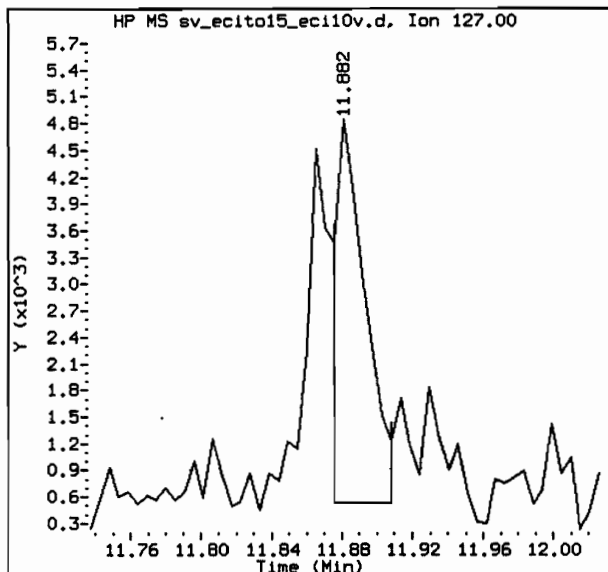
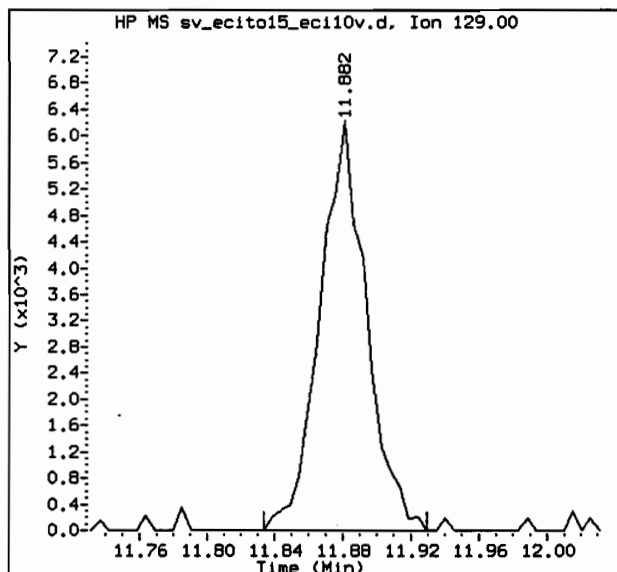
Instrument ID: E.i

Report Version: 1.1

Compound Name: Dibromochloromethane

CAS #: 124-48-1

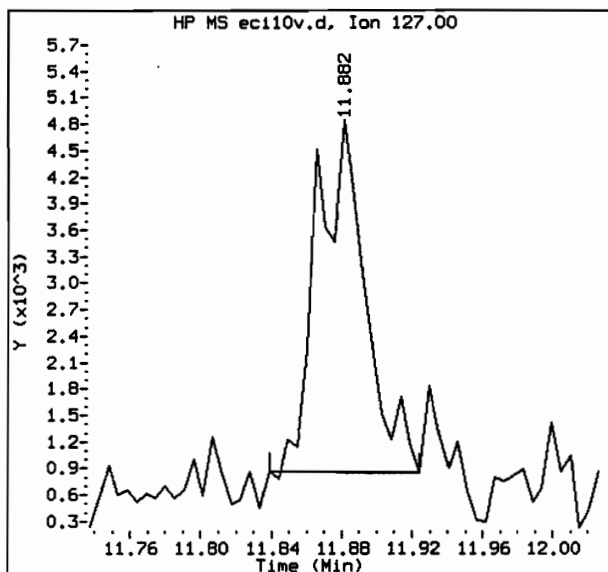
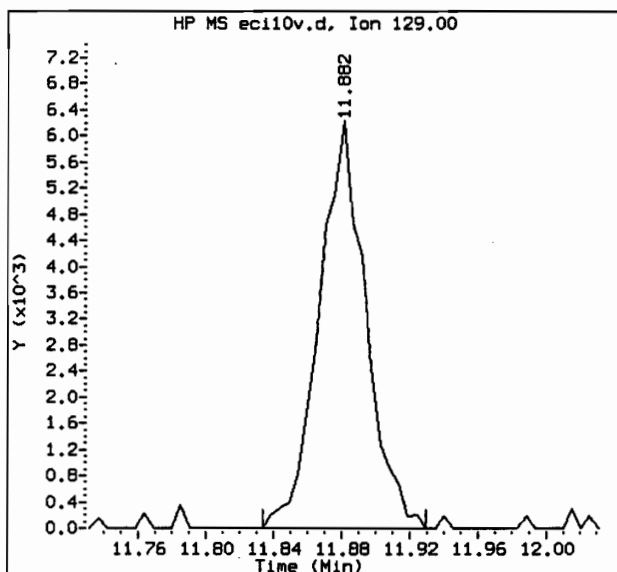
Report Date: 04/13/2007 14:44



Original Integrations:

Area = 11875

Area = 5313



Final Integrations:

Area = 11875

Area = 7645

Manual Integration Reason: Unknown

Data File: /chem/E.i/Esvr.p/eoit05.b/eoi20v.d

Date : 11-APR-2007 00:18

Client ID: astd002

Sample Info:

Purge Volume: 200.0

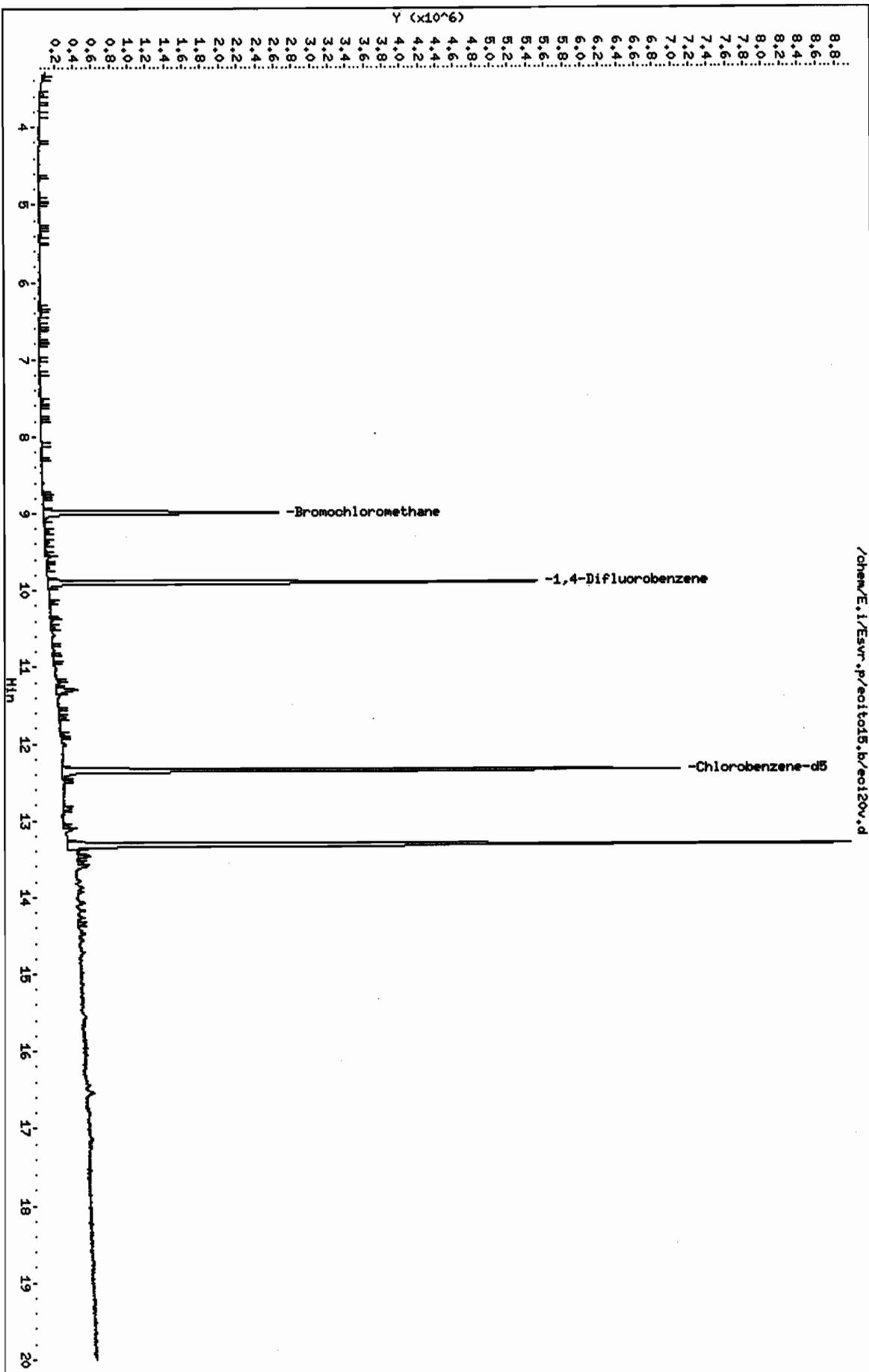
Column phase: RTX-624

Instrument: E.i

Operator: jln

Column diameter: 0.32

Page 3



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/eci20v.d
 Lab Smp Id: astd002 Client Smp ID: astd002
 Inj Date : 11-APR-2007 00:18
 Operator : jkn Inst ID: E.i
 Smp Info :
 Misc Info : astd002;041007EA;1;200
 Comment :
 Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
 Meth Date : 13-Apr-2007 14:44 sv Quant Type: ISTD
 Cal Date : 11-APR-2007 00:18 Cal File: eci20v.d
 Als bottle: 1 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15LL.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			REL RT	RESPONSE	AMOUNTS	
	MASS	RT	EXP RT			CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.354	3.354	(0.373)	25451	0.02000	0.020
2 1,2-Dichlorotetrafluoroethane	85	3.568	3.568	(0.397)	24068	0.02000	0.020
4 Vinyl Chloride	62	3.894	3.894	(0.433)	7602	0.02000	0.022
5 1,3-Butadiene	54	3.969	3.958	(0.441)	5802	0.02000	0.024
6 Bromomethane	94	4.633	4.638	(0.515)	9458	0.02000	0.023 (Q)
7 Chloroethane	64	4.873	4.868	(0.542)	3945	0.02000	0.021 (M)
8 Bromoethene	106	5.285	5.280	(0.588)	9378	0.02000	0.020
9 Trichlorofluoromethane	101	5.382	5.381	(0.598)	32694	0.02000	0.021
11 1,1-Dichloroethene	96	6.414	6.403	(0.713)	8896	0.02000	0.021
15 3-Chloropropene	41	7.003	6.992	(0.779)	9516	0.02000	0.027
18 Methyl tert-Butyl Ether	73	7.532	7.516	(0.838)	24065	0.02000	0.020
19 trans-1,2-Dichloroethene	61	7.538	7.532	(0.838)	13164	0.02000	0.022
20 n-Hexane	57	7.794	7.800	(0.867)	12187	0.02000	0.023
21 1,1-Dichloroethane	63	8.099	8.088	(0.901)	14825	0.02000	0.022
M 22 1,2-Dichloroethene (total)	61				23417	0.04000	0.043

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
24 cis-1,2-Dichloroethene	96	8.736	8.736	(0.971)	10253	0.02000	0.021
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1067437	3.00000	
26 Chloroform	83	9.030	9.035	(1.004)	21357	0.02000	0.021
28 1,1,1-Trichloroethane	97	9.228	9.228	(0.932)	26312	0.02000	0.021
29 Cyclohexane	84	9.249	9.249	(0.934)	14578	0.02000	0.022
30 Carbon Tetrachloride	117	9.372	9.372	(0.946)	27982	0.02000	0.021
31 2,2,4-Trimethylpentane	57	9.549	9.549	(0.964)	42838	0.02000	0.023
32 Benzene	78	9.581	9.581	(0.968)	25117	0.02000	0.020
33 1,2-Dichloroethane	62	9.635	9.629	(0.973)	14714	0.02000	0.021
34 n-Heptane	43	9.693	9.693	(0.979)	11629	0.02000	0.022
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5268011	3.00000	
36 Trichloroethene	95	10.143	10.148	(1.024)	13545	0.02000	0.020 (M)
38 1,2-Dichloropropane	63	10.368	10.367	(1.047)	7972	0.02000	0.022
40 Bromodichloromethane	83	10.571	10.576	(1.068)	21145	0.02000	0.021
41 cis-1,3-Dichloropropene	75	10.940	10.940	(1.105)	15075	0.02000	0.021
43 Toluene	92	11.213	11.207	(0.908)	20413	0.02000	0.019
44 trans-1,3-Dichloropropene	75	11.389	11.389	(1.150)	15111	0.02000	0.019
45 1,1,2-Trichloroethane	83	11.539	11.544	(0.935)	10393	0.02000	0.022
46 Tetrachloroethene	166	11.651	11.651	(0.944)	29930	0.02000	0.022
48 Dibromochloromethane	129	11.882	11.881	(0.962)	24408	0.02000	0.020
49 1,2-Dibromoethane	107	12.010	12.010	(0.973)	20579	0.02000	0.021
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5013397	3.00000	
52 Ethylbenzene	91	12.395	12.395	(1.004)	55063	0.02000	0.022
53 Xylene (m,p)	106	12.486	12.491	(1.011)	41219	0.04000	0.039
54 Xylene (o)	106	12.839	12.834	(1.040)	22805	0.02000	0.021
M 56 Xylene (total)	106				64024	0.02000	0.060
57 Bromoform	173	13.080	13.074	(1.059)	24924	0.02000	0.020
58 1,1,2,2-Tetrachloroethane	83	13.390	13.385	(1.084)	23020	0.02000	0.020
59 4-Ethyltoluene	105	13.551	13.550	(1.097)	53890	0.02000	0.017
60 1,3,5-Trimethylbenzene	105	13.588	13.588	(1.101)	42504	0.02000	0.016

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

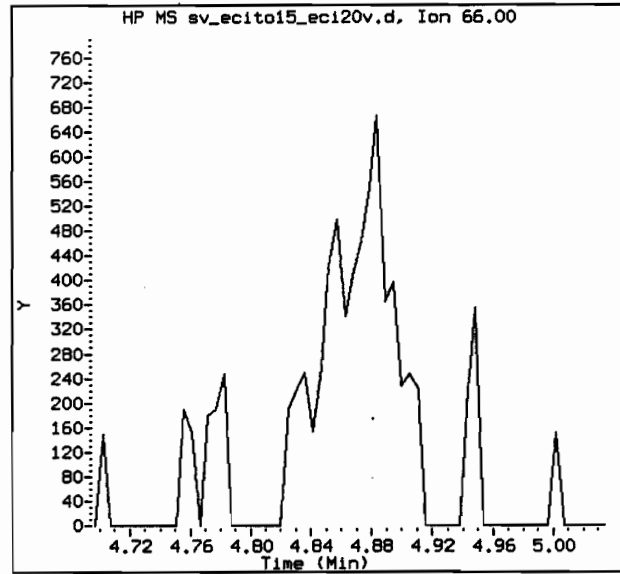
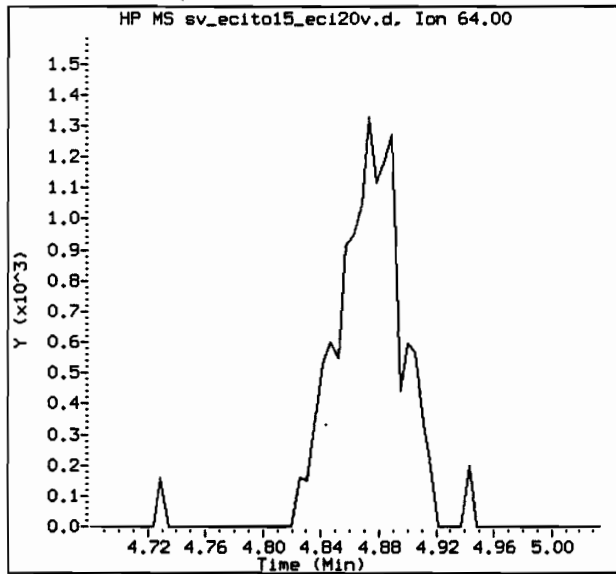
8/04/13/2007

MANUAL INTEGRATION REPORT

Data File Name: eci20v.d
Client Sample ID: astd002
Compound Name: Chloroethane

Inj. Date and Time: 11-APR-2007 00:18
Instrument ID: E.i
CAS #: 75-00-3

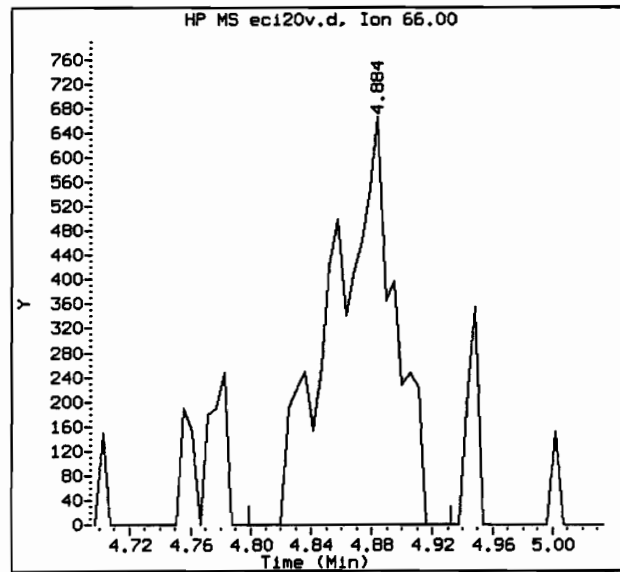
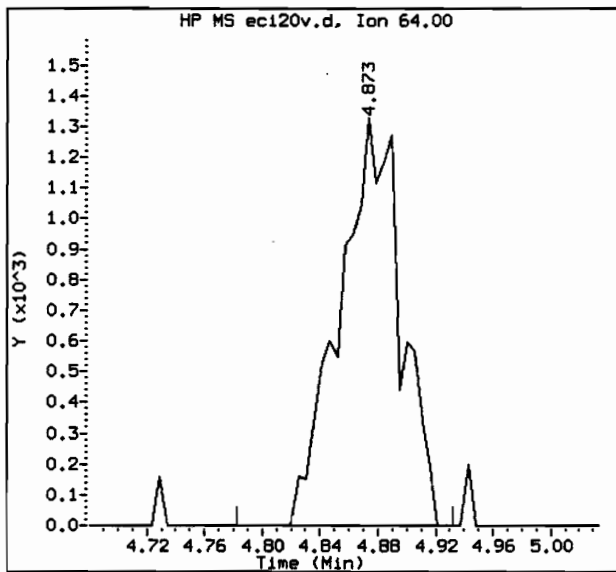
Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/13/2007 14:44



Original Integrations:

Area = 0

Area = 0



Final Integrations:

Area = 3945

Area = 1886

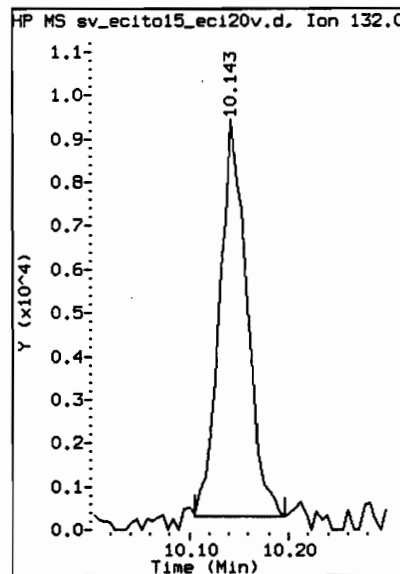
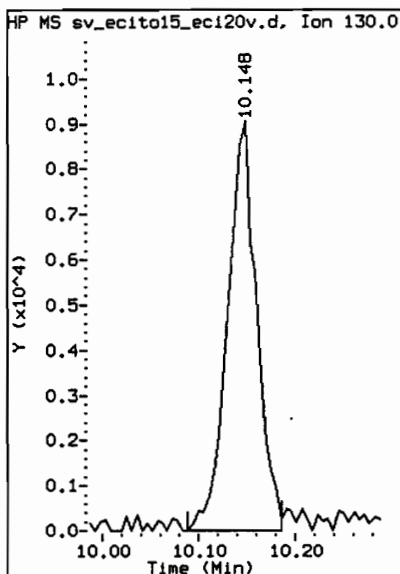
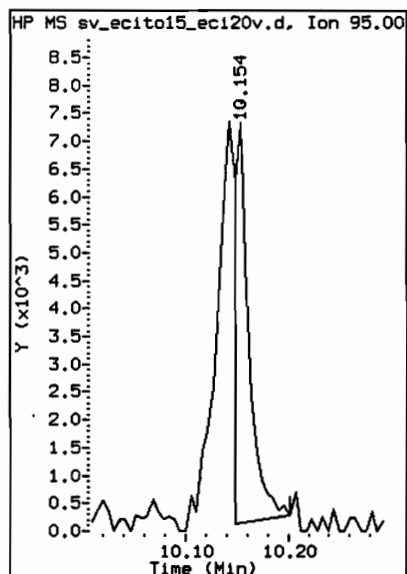
Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: eci20v.d
Client Sample ID: astd002
Compound Name: Trichloroethene

Inj. Date and Time: 11-APR-2007 00:18
Instrument ID: E.i
CAS #: 79-01-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/13/2007 14:44

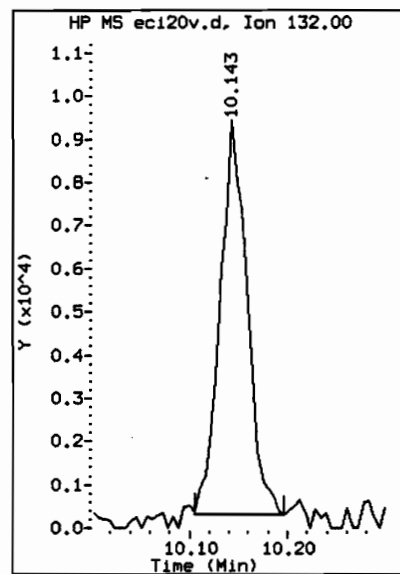
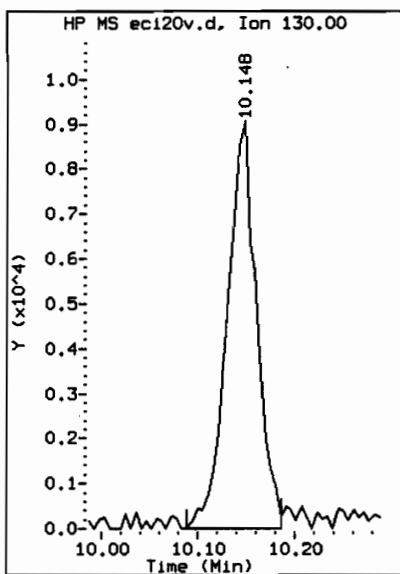
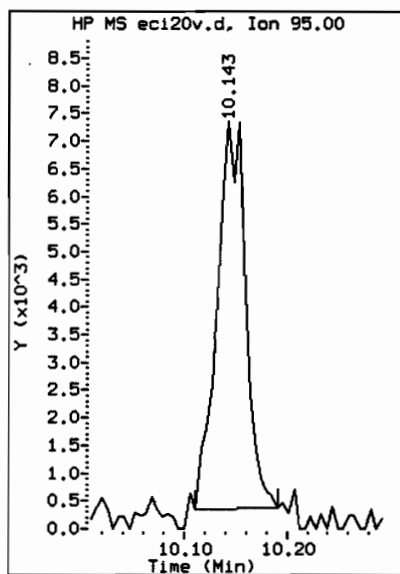


Original Integrations:

Area = 7267

Area = 19013

Area = 17465



Final Integrations:

Area = 13545

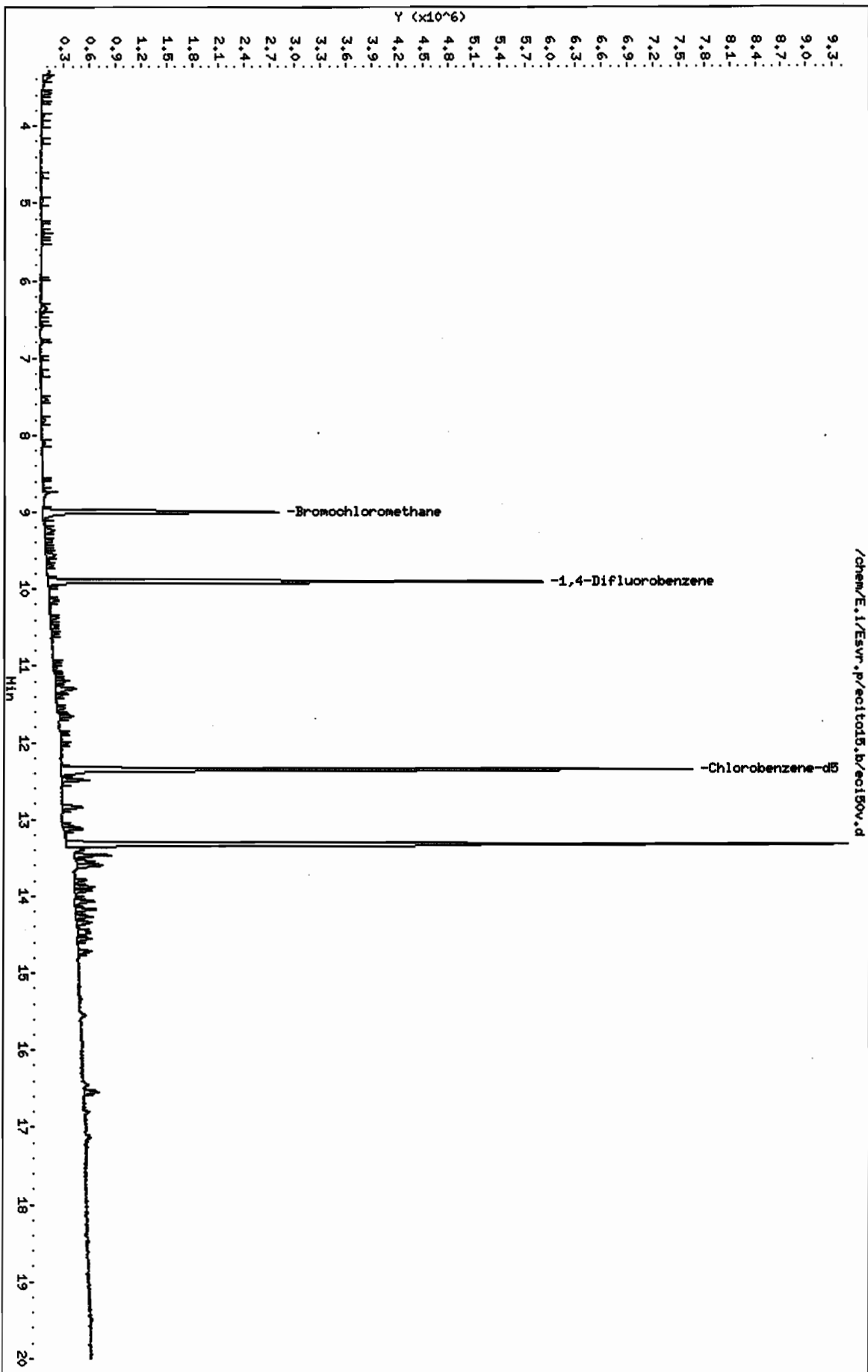
Area = 19013

Area = 17465

Manual Integration Reason: M3 - Poor automated baseline

Data File: /chem/E.1/Esvr.p/ecit05.b/eci05v.d
Date : 11-APR-2007 01:54
Client ID: ast0005
Sample Info:
Purge Volume: 500.0
Column phase: RTX-624

Instrument: E.1
Operator: jkn
Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/eci50v.d
 Lab Smp Id: astd005 Client Smp ID: astd005
 Inj Date : 11-APR-2007 01:54
 Operator : jkn Inst ID: E.i
 Smp Info :
 Misc Info : astd005;041007EA;1;500
 Comment :
 Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
 Meth Date : 13-Apr-2007 14:44 sv Quant Type: ISTD
 Cal Date : 11-APR-2007 01:54 Cal File: eci50v.d
 Als bottle: 1 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15LL.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	500.00000	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	3.359	3.354	(0.374)	62702	0.05000	0.048
2 1,2-Dichlorotetrafluoroethane	85	3.573	3.568	(0.397)	60377	0.05000	0.049
4 Vinyl Chloride	62	3.900	3.894	(0.434)	17874	0.05000	0.049
5 1,3-Butadiene	54	3.969	3.958	(0.441)	12474	0.05000	0.049
6 Bromomethane	94	4.638	4.638	(0.516)	20952	0.05000	0.048
7 Chloroethane	64	4.868	4.868	(0.541)	9631	0.05000	0.050 (M)
8 Bromoethene	106	5.285	5.280	(0.588)	26790	0.05000	0.054
9 Trichlorofluoromethane	101	5.382	5.381	(0.598)	76491	0.05000	0.048
11 1,1-Dichloroethene	96	6.403	6.403	(0.712)	22992	0.05000	0.052
15 3-Chloropropene	41	6.997	6.992	(0.778)	16011	0.05000	0.043
18 Methyl tert-Butyl Ether	73	7.521	7.516	(0.836)	63059	0.05000	0.051
19 trans-1,2-Dichloroethene	61	7.537	7.532	(0.838)	28019	0.05000	0.046
20 n-Hexane	57	7.800	7.800	(0.867)	27550	0.05000	0.050
21 1,1-Dichloroethane	63	8.088	8.088	(0.899)	33482	0.05000	0.047
M 22 1,2-Dichloroethene (total)	61				54872	0.10000	0.098

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
24 cis-1,2-Dichloroethene	96	8.741	8.736	(0.972)	26853	0.05000	0.052
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1110485	3.00000	
26 Chloroform	83	9.030	9.035	(1.004)	52285	0.05000	0.049
28 1,1,1-Trichloroethane	97	9.228	9.228	(0.932)	64028	0.05000	0.048
29 Cyclohexane	84	9.249	9.249	(0.934)	32036	0.05000	0.045
30 Carbon Tetrachloride	117	9.372	9.372	(0.946)	66511	0.05000	0.046
31 2,2,4-Trimethylpentane	57	9.554	9.549	(0.965)	94700	0.05000	0.047
32 Benzene	78	9.581	9.581	(0.968)	66763	0.05000	0.050
33 1,2-Dichloroethane	62	9.624	9.629	(0.972)	34453	0.05000	0.046
34 n-Heptane	43	9.693	9.693	(0.979)	27982	0.05000	0.048
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5677981	3.00000	
36 Trichloroethene	95	10.148	10.148	(1.025)	36303	0.05000	0.049
38 1,2-Dichloropropane	63	10.367	10.367	(1.047)	18921	0.05000	0.049
40 Bromodichloromethane	83	10.576	10.576	(1.068)	53263	0.05000	0.048
41 cis-1,3-Dichloropropene	75	10.945	10.940	(1.105)	36657	0.05000	0.047
43 Toluene	92	11.207	11.207	(0.908)	58532	0.05000	0.052
44 trans-1,3-Dichloropropene	75	11.384	11.389	(1.150)	41658	0.05000	0.048
45 1,1,2-Trichloroethane	83	11.550	11.544	(0.935)	24033	0.05000	0.048
46 Tetrachloroethene	166	11.651	11.651	(0.944)	72403	0.05000	0.049
48 Dibromochloromethane	129	11.876	11.881	(0.962)	62124	0.05000	0.048
49 1,2-Dibromoethane	107	12.015	12.010	(0.973)	52960	0.05000	0.051
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5363258	3.00000	
52 Ethylbenzene	91	12.395	12.395	(1.004)	138678	0.05000	0.051
53 Xylene (m,p)	106	12.486	12.491	(1.011)	117131	0.10000	0.10
54 Xylene (o)	106	12.839	12.834	(1.040)	57580	0.05000	0.050
M 56 Xylene (total)	106				174711	0.05000	0.15
57 Bromoform	173	13.074	13.074	(1.059)	62275	0.05000	0.046
58 1,1,2,2-Tetrachloroethane	83	13.390	13.385	(1.084)	65567	0.05000	0.052
59 4-Ethyltoluene	105	13.545	13.550	(1.097)	172608	0.05000	0.051 (H)
60 1,3,5-Trimethylbenzene	105	13.588	13.588	(1.101)	144789	0.05000	0.051

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

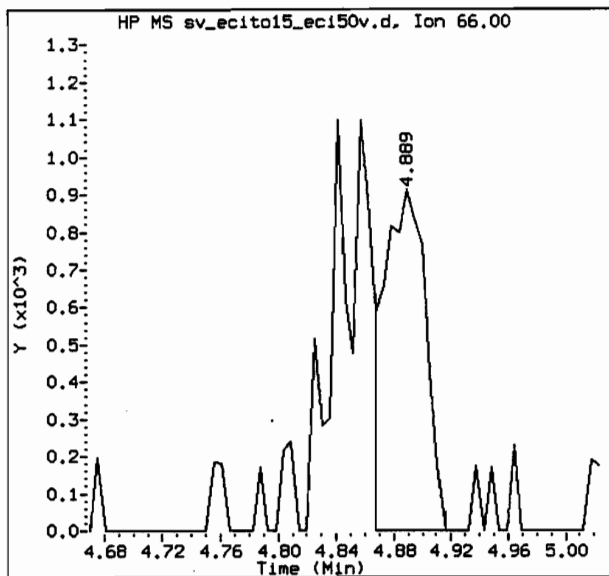
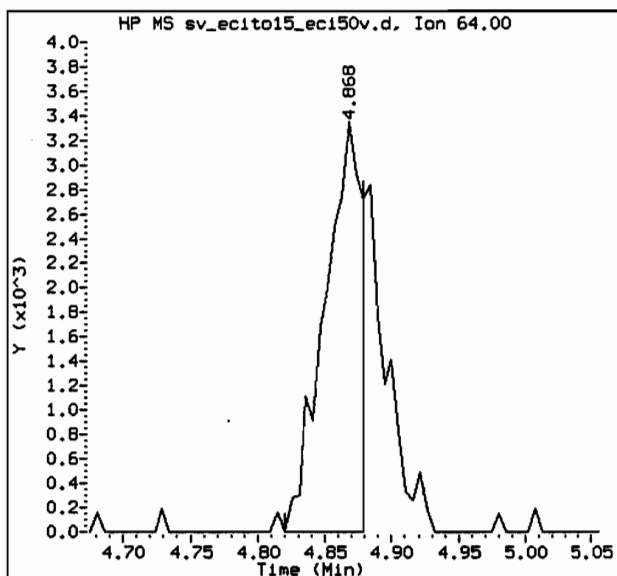
SV
04/13/2007

MANUAL INTEGRATION REPORT

Data File Name: eci50v.d
Client Sample ID: astd005
Compound Name: Chloroethane

Inj. Date and Time: 11-APR-2007 01:54
Instrument ID: E.i
CAS #: 75-00-3

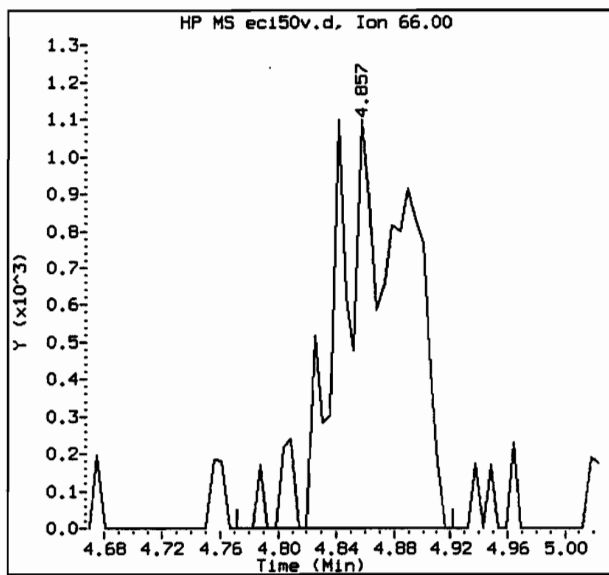
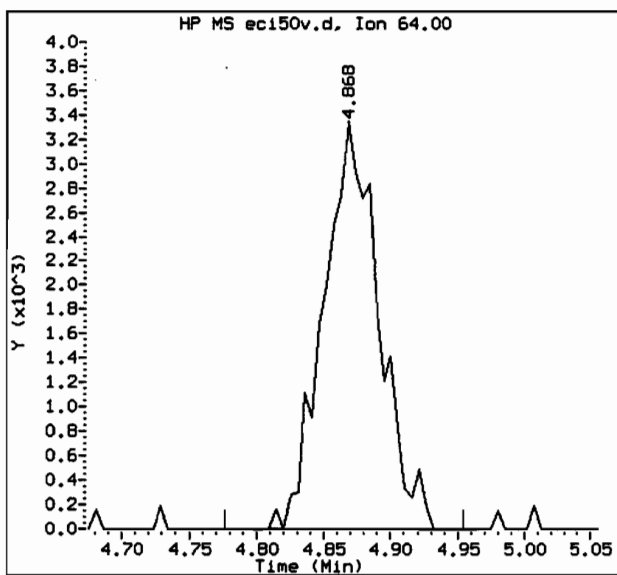
Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/13/2007 14:44



Original Integrations:

Area = 6584

Area = 1914



Final Integrations:

Area = 9631

Area = 3811

Manual Integration Reason: M1 - Peak Missed

Data File: /chem/E.i/Esvr.p/eoit015.b/eoit100v.d

Date : 11-APR-2007 02:41

Client ID: ast0010

Sample Info:

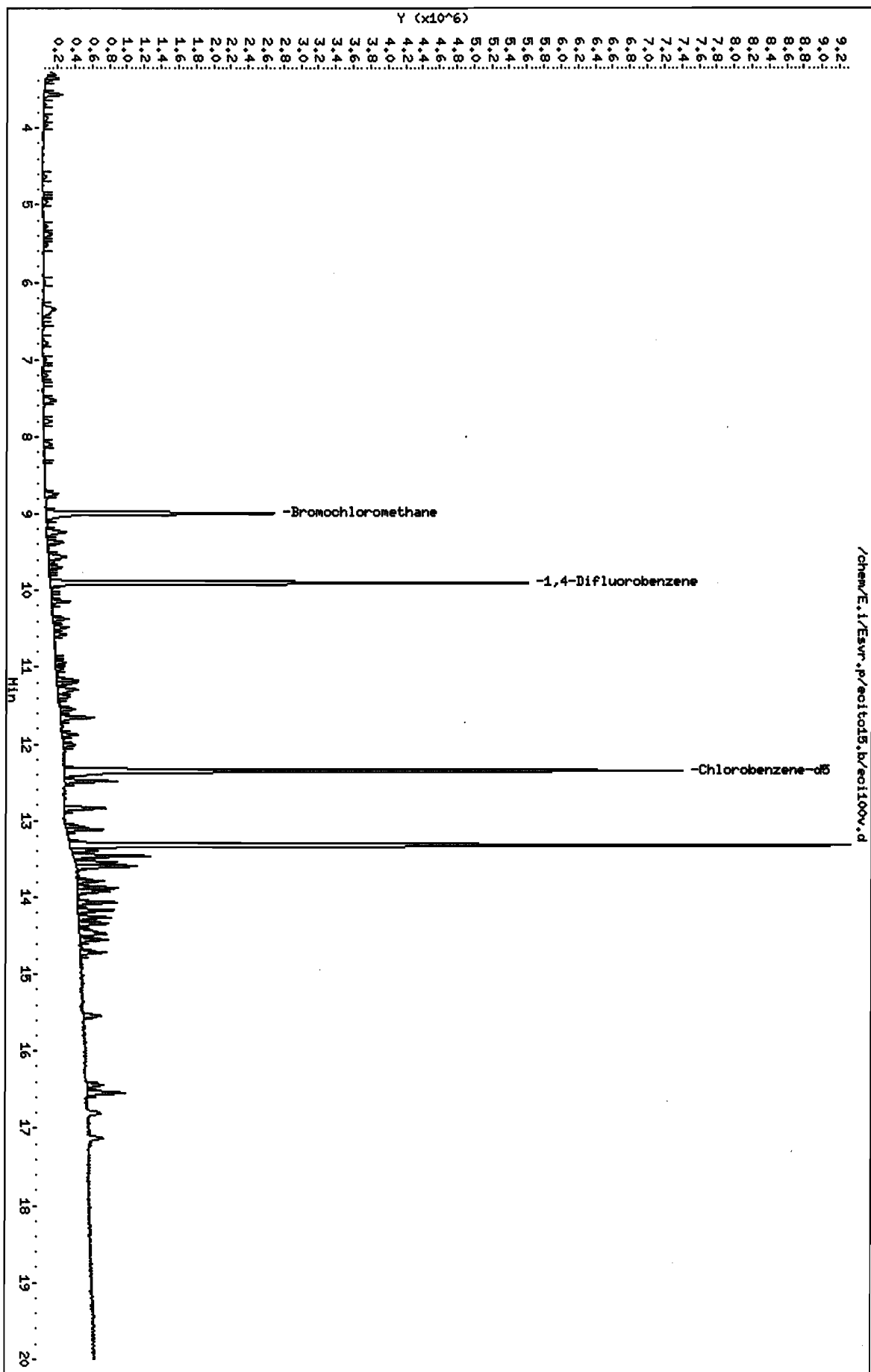
Purge Volume: 250.0

Column phase: RTX-624

Instrument: E.i

Operator: jkm

Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/eci100v.d
 Lab Smp Id: astd010 Client Smp ID: astd010
 Inj Date : 11-APR-2007 02:41
 Operator : jkn Inst ID: E.i
 Smp Info :
 Misc Info : astd010;041007EA;1;250
 Comment :
 Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
 Meth Date : 13-Apr-2007 14:44 sv Quant Type: ISTD
 Cal Date : 11-APR-2007 02:41 Cal File: eci100v.d
 Als bottle: 2 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15LL.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	250.00000	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	3.354	3.354	(0.373)	130593		0.10000	0.10
2 1,2-Dichlorotetrafluoroethane	85	3.568	3.568	(0.397)	124279		0.10000	0.10
4 Vinyl Chloride	62	3.894	3.894	(0.433)	38400		0.10000	0.11
5 1,3-Butadiene	54	3.958	3.958	(0.440)	25932		0.10000	0.10
6 Bromomethane	94	4.638	4.638	(0.516)	43201		0.10000	0.10
7 Chloroethane	64	4.868	4.868	(0.541)	20419		0.10000	0.11
8 Bromoethene	106	5.280	5.280	(0.587)	51524		0.10000	0.11
9 Trichlorofluoromethane	101	5.381	5.381	(0.598)	158719		0.10000	0.10
11 1,1-Dichloroethene	96	6.403	6.403	(0.712)	42272		0.10000	0.099
15 3-Chloropropene	41	6.992	6.992	(0.778)	35797		0.10000	0.099 (H)
18 Methyl tert-Butyl Ether	73	7.516	7.516	(0.836)	120074		0.10000	0.10
19 trans-1,2-Dichloroethene	61	7.532	7.532	(0.838)	60029		0.10000	0.10
20 n-Hexane	57	7.800	7.800	(0.867)	55311		0.10000	0.10
21 1,1-Dichloroethane	63	8.088	8.088	(0.899)	70723		0.10000	0.10
M 22 1,2-Dichloroethene (total)	61				108630		0.20000	0.20

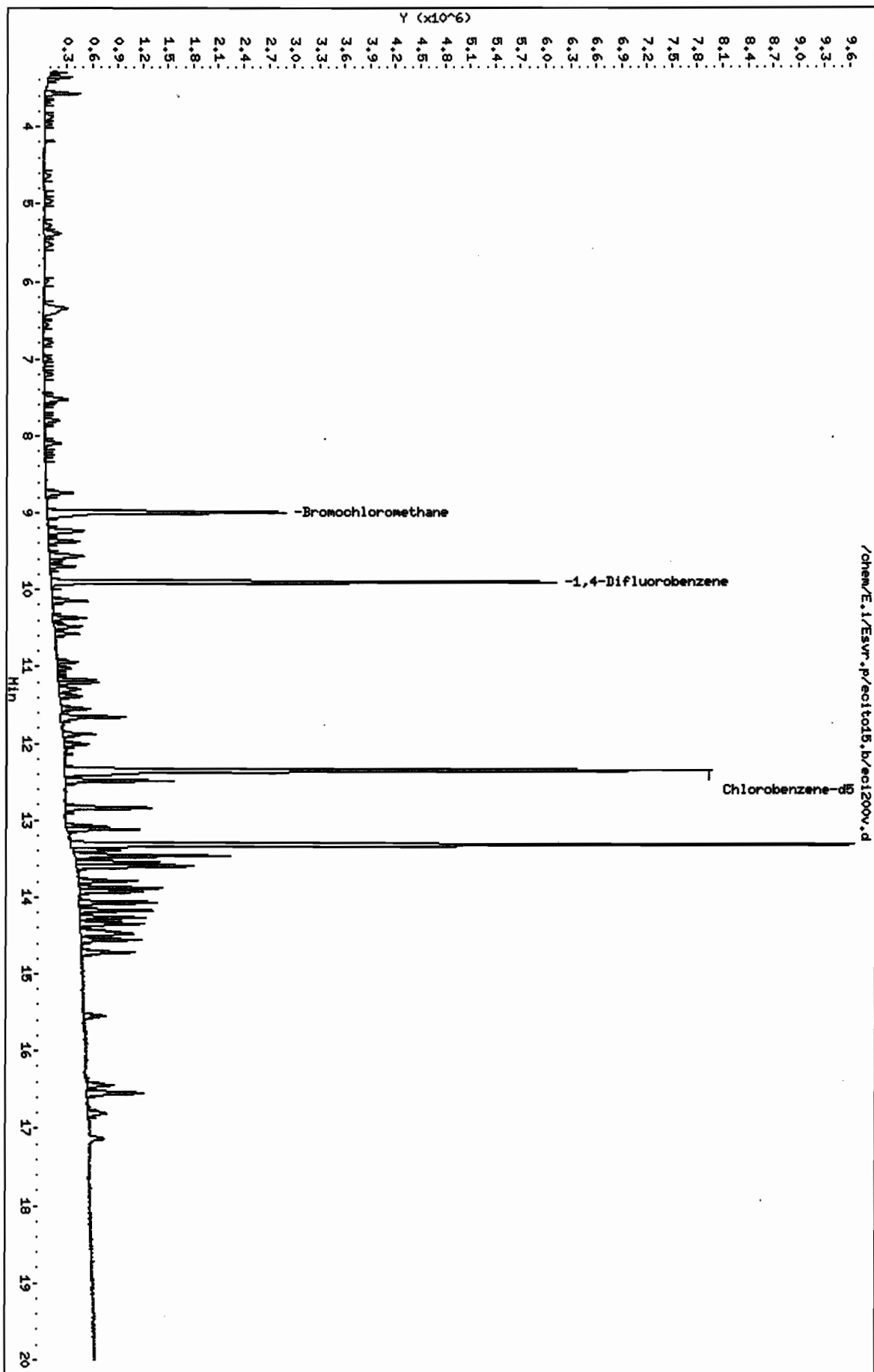
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
24 cis-1,2-Dichloroethene	96	8.736	8.736	(0.971)	48601	0.10000	0.097
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1083820	3.00000	
26 Chloroform	83	9.035	9.035	(1.005)	108021	0.10000	0.10
28 1,1,1-Trichloroethane	97	9.228	9.228	(0.932)	135711	0.10000	0.11
29 Cyclohexane	84	9.249	9.249	(0.934)	69095	0.10000	0.10
30 Carbon Tetrachloride	117	9.372	9.372	(0.946)	142596	0.10000	0.10
31 2,2,4-Trimethylpentane	57	9.549	9.549	(0.964)	182741	0.10000	0.096
32 Benzene	78	9.581	9.581	(0.968)	129415	0.10000	0.10
33 1,2-Dichloroethane	62	9.629	9.629	(0.972)	75076	0.10000	0.10
34 n-Heptane	43	9.693	9.693	(0.979)	53652	0.10000	0.097
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5402565	3.00000	
36 Trichloroethene	95	10.148	10.148	(1.025)	73531	0.10000	0.10
38 1,2-Dichloropropane	63	10.367	10.367	(1.047)	38602	0.10000	0.10
40 Bromodichloromethane	83	10.576	10.576	(1.068)	110182	0.10000	0.10
41 cis-1,3-Dichloropropene	75	10.940	10.940	(1.105)	79779	0.10000	0.11
43 Toluene	92	11.207	11.207	(0.908)	111227	0.10000	0.10
44 trans-1,3-Dichloropropene	75	11.389	11.389	(1.150)	80126	0.10000	0.097
45 1,1,2-Trichloroethane	83	11.544	11.544	(0.935)	48082	0.10000	0.10
46 Tetrachloroethene	166	11.651	11.651	(0.944)	147234	0.10000	0.10
48 Dibromochloromethane	129	11.881	11.881	(0.962)	125737	0.10000	0.10
49 1,2-Dibromoethane	107	12.010	12.010	(0.973)	102112	0.10000	0.10
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5144959	3.00000	
52 Ethylbenzene	91	12.395	12.395	(1.004)	262079	0.10000	0.10
53 Xylene (m,p)	106	12.491	12.491	(1.012)	224573	0.20000	0.21
54 Xylene (o)	106	12.834	12.834	(1.039)	112296	0.10000	0.10
M 56 Xylene (total)	106				336869	0.10000	0.30
57 Bromoform	173	13.074	13.074	(1.059)	129114	0.10000	0.099
58 1,1,2,2-Tetrachloroethane	83	13.385	13.385	(1.084)	131510	0.10000	0.11
59 4-Ethyltoluene	105	13.550	13.550	(1.097)	348841	0.10000	0.11
60 1,3,5-Trimethylbenzene	105	13.588	13.588	(1.101)	302653	0.10000	0.11

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/E.1/Esvr.p/ecit015.b/eci200v.d
Date: 11-APR-2007 03:29
Client ID: ast020
Sample Info:
Purge Volume: 500.0
Column phase: RTX-624

Instrument: E.i
Operator: jkn
Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/eci200v.d
Lab Smp Id: astd020 Client Smp ID: astd020
Inj Date : 11-APR-2007 03:29
Operator : jkn Inst ID: E.i
Smp Info :
Misc Info : astd020;041007EA;1;500
Comment :
Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
Meth Date : 13-Apr-2007 14:44 sv Quant Type: ISTD
Cal Date : 11-APR-2007 03:29 Cal File: eci200v.d
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.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	500.00000	Sample Volume purged (mL)

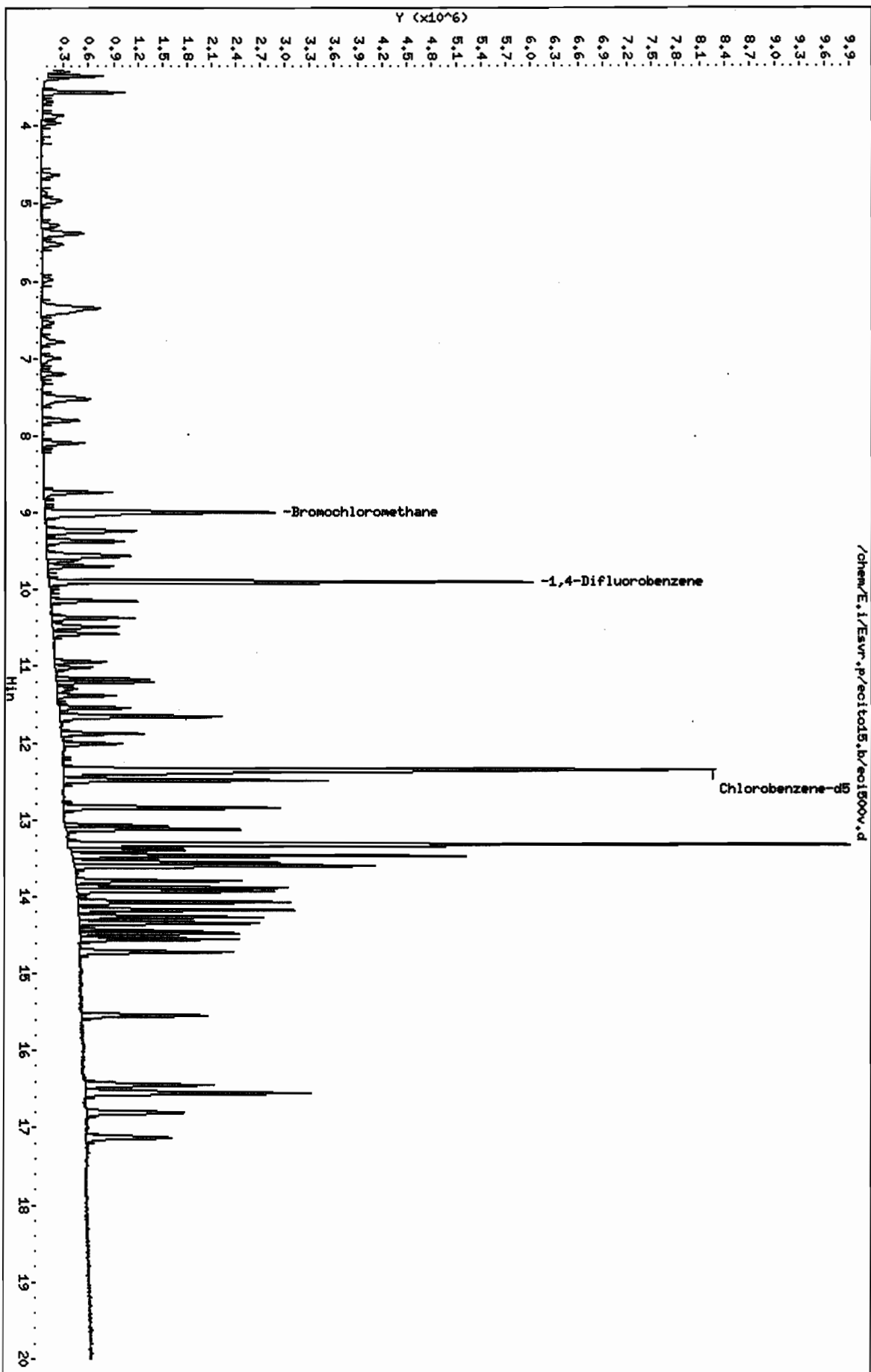
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ppbv)	(ppbv)	
1 Dichlorodifluoromethane	85	3.360	3.354	(0.374)	253803	0.20000	0.19	
2 1,2-Dichlorotetrafluoroethane	85	3.574	3.568	(0.397)	246962	0.20000	0.20	
4 Vinyl Chloride	62	3.900	3.894	(0.434)	71006	0.20000	0.19	
5 1,3-Butadiene	54	3.969	3.958	(0.441)	47195	0.20000	0.18	
6 Bromomethane	94	4.627	4.638	(0.515)	85054	0.20000	0.19	
7 Chloroethane	64	4.874	4.868	(0.542)	38143	0.20000	0.19	
8 Bromoethene	106	5.280	5.280	(0.587)	97147	0.20000	0.19	
9 Trichlorofluoromethane	101	5.387	5.381	(0.599)	312355	0.20000	0.19	
11 1,1-Dichloroethene	96	6.409	6.403	(0.713)	83402	0.20000	0.18	
15 3-Chloropropene	41	7.003	6.992	(0.779)	66277	0.20000	0.17	
18 Methyl tert-Butyl Ether	73	7.522	7.516	(0.836)	250059	0.20000	0.20	
19 trans-1,2-Dichloroethene	61	7.538	7.532	(0.838)	118251	0.20000	0.19	
20 n-Hexane	57	7.800	7.800	(0.867)	106218	0.20000	0.19	
21 1,1-Dichloroethane	63	8.094	8.088	(0.900)	140591	0.20000	0.19	
M 22 1,2-Dichloroethene (total)	61				218587	0.40000	0.38	

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
*****	----	--	-----	-----	-----	-----	-----
24 cis-1,2-Dichloroethene	96	8.741	8.736	(0.972)	100336	0.20000	0.19
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1141200	3.00000	
26 Chloroform	83	9.036	9.035	(1.005)	209128	0.20000	0.19
28 1,1,1-Trichloroethane	97	9.234	9.228	(0.932)	257775	0.20000	0.19
29 Cyclohexane	84	9.250	9.249	(0.934)	131977	0.20000	0.18
30 Carbon Tetrachloride	117	9.373	9.372	(0.946)	282685	0.20000	0.19
31 2,2,4-Trimethylpentane	57	9.555	9.549	(0.965)	344113	0.20000	0.17
32 Benzene	78	9.581	9.581	(0.968)	257918	0.20000	0.19
33 1,2-Dichloroethane	62	9.629	9.629	(0.972)	143990	0.20000	0.19
34 n-Heptane	43	9.699	9.693	(0.979)	104905	0.20000	0.18
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5753512	3.00000	
36 Trichloroethene	95	10.148	10.148	(1.025)	143970	0.20000	0.19
38 1,2-Dichloropropane	63	10.368	10.367	(1.047)	73692	0.20000	0.19
40 Bromodichloromethane	83	10.576	10.576	(1.068)	215730	0.20000	0.19
41 cis-1,3-Dichloropropene	75	10.945	10.940	(1.105)	153645	0.20000	0.20
43 Toluene	92	11.208	11.207	(0.908)	226578	0.20000	0.20
44 trans-1,3-Dichloropropene	75	11.384	11.389	(1.150)	171499	0.20000	0.20
45 1,1,2-Trichloroethane	83	11.545	11.544	(0.935)	93336	0.20000	0.19
46 Tetrachloroethene	166	11.657	11.651	(0.944)	285542	0.20000	0.19
48 Dibromochloromethane	129	11.876	11.881	(0.962)	252627	0.20000	0.19
49 1,2-Dibromoethane	107	12.015	12.010	(0.973)	210222	0.20000	0.20
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5433791	3.00000	
52 Ethylbenzene	91	12.401	12.395	(1.004)	541066	0.20000	0.20
53 Xylene (m,p)	106	12.486	12.491	(1.011)	459627	0.40000	0.40
54 Xylene (o)	106	12.839	12.834	(1.040)	231468	0.20000	0.20
M 56 Xylene (total)	106				691095	0.20000	0.59
57 Bromoform	173	13.080	13.074	(1.059)	279386	0.20000	0.20
58 1,1,2,2-Tetrachloroethane	83	13.390	13.385	(1.084)	266292	0.20000	0.21
59 4-Ethyltoluene	105	13.551	13.550	(1.097)	739487	0.20000	0.22
60 1,3,5-Trimethylbenzene	105	13.588	13.588	(1.101)	633695	0.20000	0.22

Data File: /chem/E.1/Esvr.p/eic1015.b/ei1500v.d
Date : 11-APR-2007 04:17
Client ID: ast0050
Sample Info:
Purge Volume: 250.0
Column phase: RTX-624

Instrument: E.1
Operator: jkn
Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/eci500v.d
Lab Smp Id: astd050 Client Smp ID: astd050
Inj Date : 11-APR-2007 04:17
Operator : jkn Inst ID: E.i
Smp Info :
Misc Info : astd050;041007EA;1;250
Comment :
Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
Meth Date : 13-Apr-2007 14:44 sv Quant Type: ISTD
Cal Date : 11-APR-2007 04:17 Cal File: eci500v.d
Als bottle: 3 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.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	250.00000	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	3.354	3.354	(0.373)	640537		0.50000	0.49
2 1,2-Dichlorotetrafluoroethane	85	3.568	3.568	(0.397)	617093		0.50000	0.50
4 Vinyl Chloride	62	3.894	3.894	(0.433)	181933		0.50000	0.49
5 1,3-Butadiene	54	3.964	3.958	(0.441)	124180		0.50000	0.48
6 Bromomethane	94	4.633	4.638	(0.515)	218439		0.50000	0.50
7 Chloroethane	64	4.868	4.868	(0.541)	94547		0.50000	0.48
8 Bromoethene	106	5.275	5.280	(0.587)	244805		0.50000	0.49
9 Trichlorofluoromethane	101	5.387	5.381	(0.599)	807015		0.50000	0.50
11 1,1-Dichloroethene	96	6.404	6.403	(0.712)	215456		0.50000	0.49
15 3-Chloropropene	41	6.997	6.992	(0.778)	186345		0.50000	0.50 (M)
18 Methyl tert-Butyl Ether	73	7.506	7.516	(0.835)	623807		0.50000	0.50
19 trans-1,2-Dichloroethene	61	7.538	7.532	(0.838)	299330		0.50000	0.49
20 n-Hexane	57	7.800	7.800	(0.867)	272271		0.50000	0.48
21 1,1-Dichloroethane	63	8.094	8.088	(0.900)	353555		0.50000	0.49
M 22 1,2-Dichloroethene (total)	61				544463		1.00000	0.96

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
24 cis-1,2-Dichloroethene	96	8.741	8.736	(0.972)	245133	0.50000	0.47
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1122928	3.00000	
26 Chloroform	83	9.036	9.035	(1.005)	528472	0.50000	0.49
28 1,1,1-Trichloroethane	97	9.233	9.228	(0.932)	655841	0.50000	0.50
29 Cyclohexane	84	9.255	9.249	(0.935)	337338	0.50000	0.48
30 Carbon Tetrachloride	117	9.373	9.372	(0.946)	729607	0.50000	0.51
31 2,2,4-Trimethylpentane	57	9.554	9.549	(0.965)	854698	0.50000	0.43
32 Benzene	78	9.581	9.581	(0.968)	651184	0.50000	0.49
33 1,2-Dichloroethane	62	9.629	9.629	(0.972)	376970	0.50000	0.51
34 n-Heptane	43	9.699	9.693	(0.979)	276863	0.50000	0.48
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5658404	3.00000	
36 Trichloroethene	95	10.148	10.148	(1.025)	372066	0.50000	0.50
38 1,2-Dichloropropane	63	10.373	10.367	(1.048)	190404	0.50000	0.49
40 Bromodichloromethane	83	10.576	10.576	(1.068)	581455	0.50000	0.53
41 cis-1,3-Dichloropropene	75	10.945	10.940	(1.105)	394314	0.50000	0.51
43 Toluene	92	11.208	11.207	(0.908)	573130	0.50000	0.50
44 trans-1,3-Dichloropropene	75	11.384	11.389	(1.150)	438684	0.50000	0.51
45 1,1,2-Trichloroethane	83	11.545	11.544	(0.935)	238836	0.50000	0.48
46 Tetrachloroethene	166	11.657	11.651	(0.944)	722264	0.50000	0.48
48 Dibromochloromethane	129	11.882	11.881	(0.962)	671503	0.50000	0.52
49 1,2-Dibromoethane	107	12.015	12.010	(0.973)	541223	0.50000	0.51
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5427203	3.00000	
52 Ethylbenzene	91	12.401	12.395	(1.004)	1359166	0.50000	0.49
53 Xylene (m,p)	106	12.486	12.491	(1.011)	1149649	1.00000	1.0
54 Xylene (o)	106	12.839	12.834	(1.040)	574251	0.50000	0.49
M 56 Xylene (total)	106				1723900	0.50000	1.5
57 Bromoform	173	13.080	13.074	(1.059)	757098	0.50000	0.55
58 1,1,2,2-Tetrachloroethane	83	13.390	13.385	(1.084)	685831	0.50000	0.54
59 4-Ethyltoluene	105	13.551	13.550	(1.097)	1911344	0.50000	0.56
60 1,3,5-Trimethylbenzene	105	13.588	13.588	(1.101)	1683164	0.50000	0.58

QC Flag Legend

M - Compound response manually integrated.

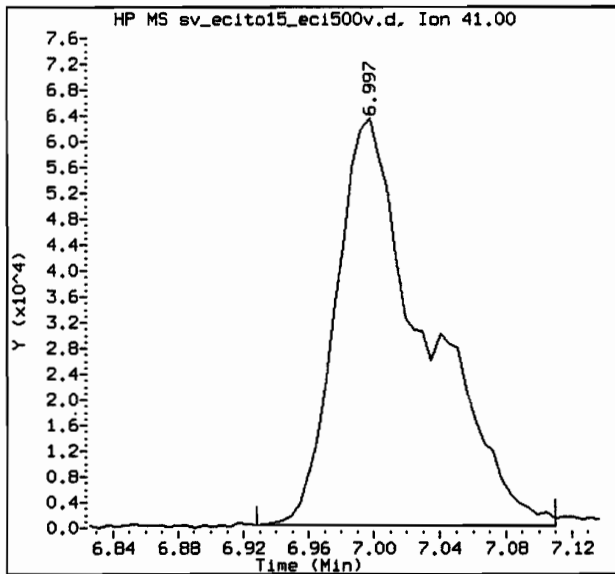
87 / 02/13/2007

MANUAL INTEGRATION REPORT

Data File Name: eci500v.d
 Client Sample ID: astd050
 Compound Name: 3-Chloropropene

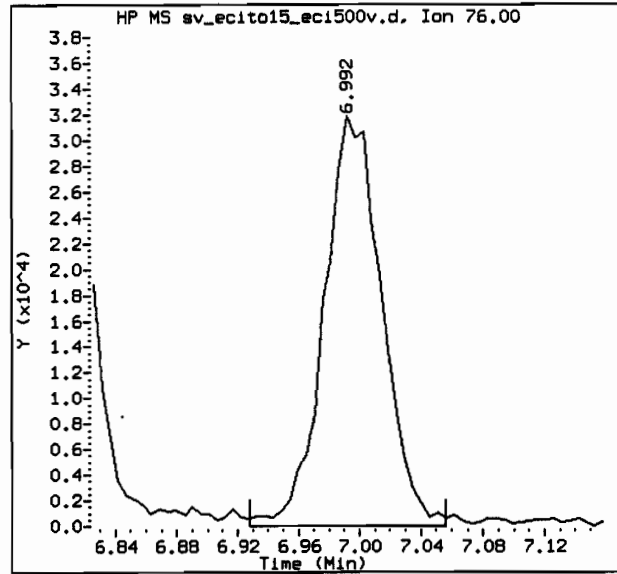
Inj. Date and Time: 11-APR-2007 04:17
 Instrument ID: E.i
 CAS #: 107-05-1

Target Version: Target 3.50
 Report Version: 1.1
 Report Date: 04/13/2007 14:44

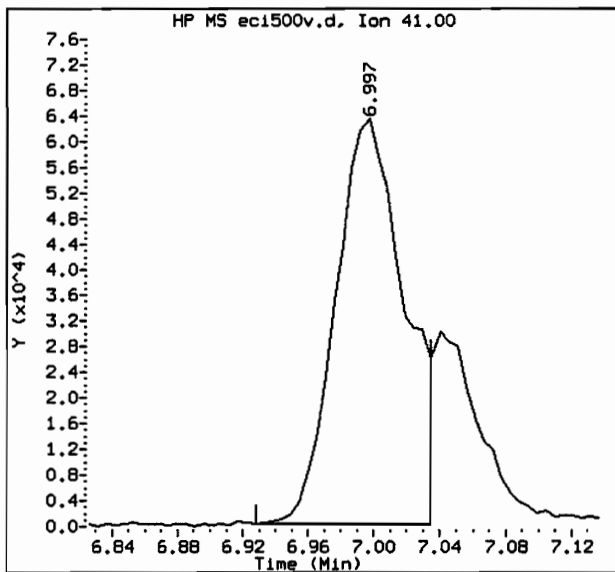


Original Integrations:

Area = 241532

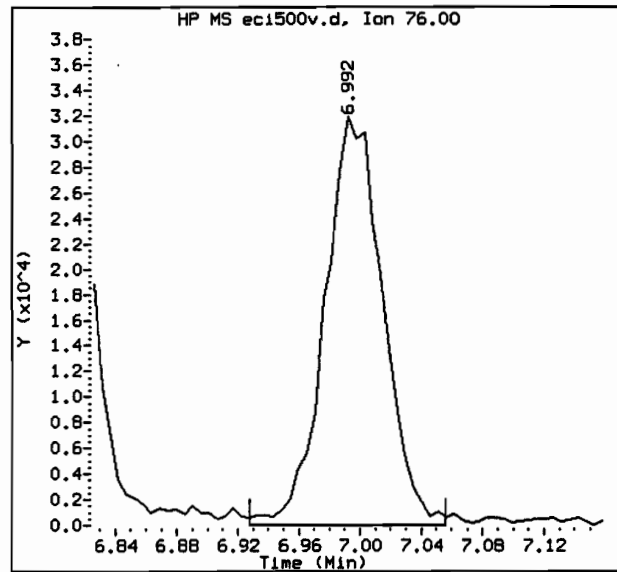


Area = 83964



Final Integrations:

Area = 186345

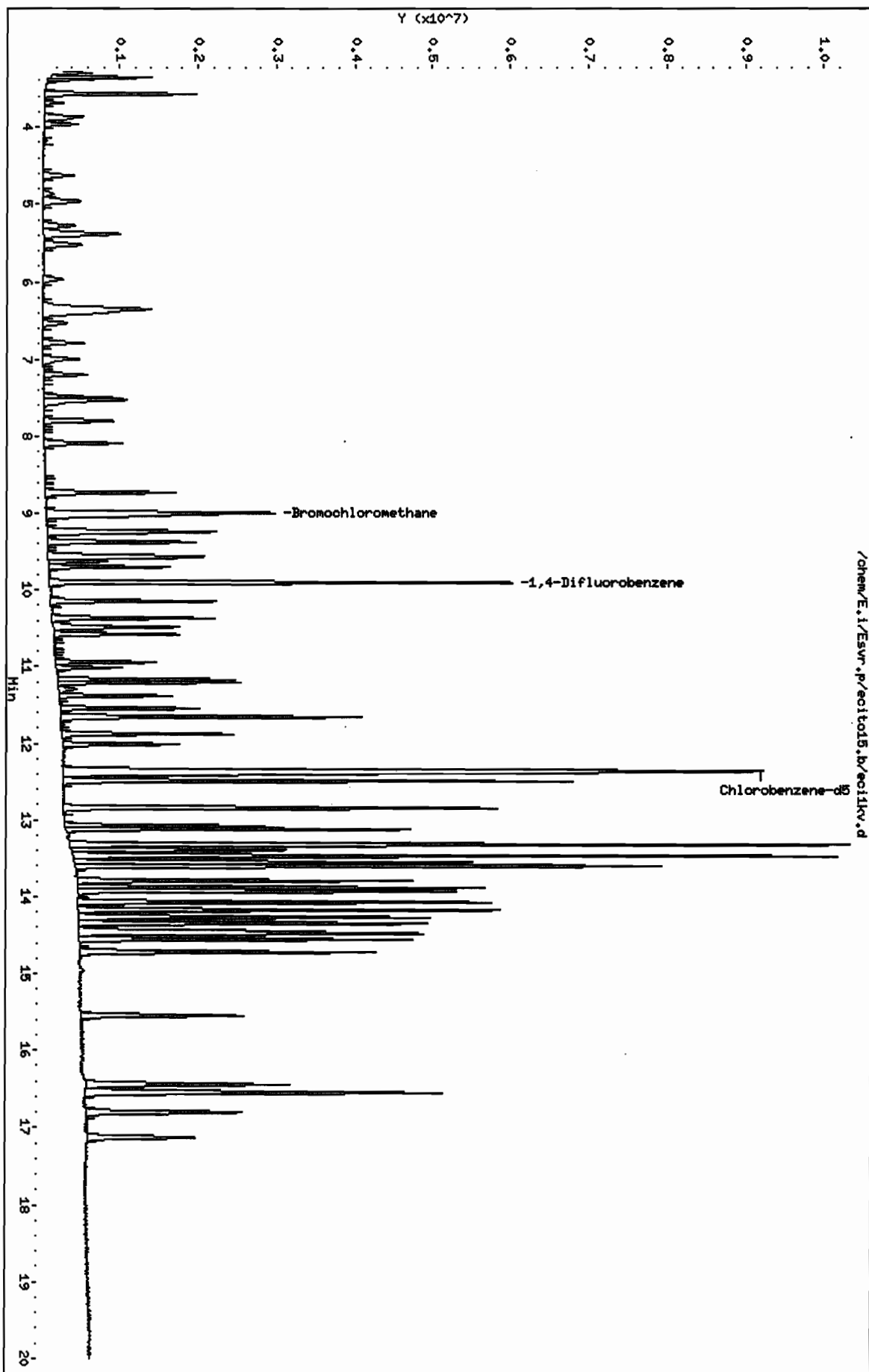


Area = 83964

Manual Integration Reason: M1 - Peak Missed

Data File: /chem/E.1/Esvr.p/ecit015.b/ecitkv.d
Date : 11-APR-2007 05:06
Client ID: ascd1000
Sample Info:
Purge Volume: 500.0
Column phase: RTX-624

Instrument: E.1
Operator: jkn
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/ecilkv.d
Lab Smp Id: astd1000 Client Smp ID: astd1000
Inj Date : 11-APR-2007 05:06
Operator : jkn Inst ID: E.i
Smp Info :
Misc Info : astd1000;041007EA;1;500
Comment :
Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
Meth Date : 13-Apr-2007 14:45 sv Quant Type: ISTD
Cal Date : 11-APR-2007 05:06 Cal File: ecilkv.d
Als bottle: 3 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.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	500.00000	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	3.354	3.354	(0.373)	1241689	1.00000	0.94
2 1,2-Dichlorotetrafluoroethane	85	3.568	3.568	(0.397)	1196574	1.00000	0.95
4 Vinyl Chloride	62	3.889	3.894	(0.432)	353886	1.00000	0.94
5 1,3-Butadiene	54	3.964	3.958	(0.441)	240351	1.00000	0.92
6 Bromomethane	94	4.627	4.638	(0.515)	408680	1.00000	0.92
7 Chloroethane	64	4.863	4.868	(0.541)	182326	1.00000	0.92
8 Bromoethene	106	5.280	5.280	(0.587)	480814	1.00000	0.94
9 Trichlorofluoromethane	101	5.387	5.381	(0.599)	1562080	1.00000	0.95
11 1,1-Dichloroethene	96	6.403	6.403	(0.712)	421396	1.00000	0.94
15 3-Chloropropene	41	6.992	6.992	(0.778)	360140	1.00000	0.95(M)
18 Methyl tert-Butyl Ether	73	7.500	7.516	(0.834)	1285670	1.00000	1.0(A)
19 trans-1,2-Dichloroethene	61	7.532	7.532	(0.838)	586941	1.00000	0.94
20 n-Hexane	57	7.800	7.800	(0.867)	532449	1.00000	0.94
21 1,1-Dichloroethane	63	8.089	8.088	(0.899)	691778	1.00000	0.95
M 22 1,2-Dichloroethene (total)	61				1079772	2.00000	1.9

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
24 cis-1,2-Dichloroethene	96	8.736	8.736	(0.971)	492831	1.00000	0.94
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1138518	3.00000	
26 Chloroform	83	9.035	9.035	(1.005)	1038250	1.00000	0.95
28 1,1,1-Trichloroethane	97	9.228	9.228	(0.932)	1286251	1.00000	0.96
29 Cyclohexane	84	9.249	9.249	(0.934)	659790	1.00000	0.92
30 Carbon Tetrachloride	117	9.373	9.372	(0.946)	1444683	1.00000	0.99
31 2,2,4-Trimethylpentane	57	9.549	9.549	(0.964)	1694412	1.00000	0.83
32 Benzene	78	9.576	9.581	(0.967)	1286031	1.00000	0.96
33 1,2-Dichloroethane	62	9.624	9.629	(0.972)	738256	1.00000	0.98
34 n-Heptane	43	9.699	9.693	(0.979)	538312	1.00000	0.92
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5749587	3.00000	
36 Trichloroethene	95	10.143	10.148	(1.024)	724177	1.00000	0.96
38 1,2-Dichloropropane	63	10.368	10.367	(1.047)	380674	1.00000	0.96(Q)
40 Bromodichloromethane	83	10.576	10.576	(1.068)	1153942	1.00000	1.0(A)
41 cis-1,3-Dichloropropene	75	10.940	10.940	(1.105)	783872	1.00000	1.00
43 Toluene	92	11.207	11.207	(0.908)	1149492	1.00000	1.00
44 trans-1,3-Dichloropropene	75	11.384	11.389	(1.150)	892747	1.00000	1.0(A)
45 1,1,2-Trichloroethane	83	11.544	11.544	(0.935)	476752	1.00000	0.94
46 Tetrachloroethene	166	11.651	11.651	(0.944)	1423124	1.00000	0.94
48 Dibromochloromethane	129	11.876	11.881	(0.962)	1390475	1.00000	1.0(A)
49 1,2-Dibromoethane	107	12.010	12.010	(0.973)	1097656	1.00000	1.0(A)
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5508140	3.00000	
52 Ethylbenzene	91	12.395	12.395	(1.004)	2739509	1.00000	0.98
53 Xylene (m,p)	106	12.486	12.491	(1.011)	2332822	2.00000	2.0(A)
54 Xylene (o)	106	12.834	12.834	(1.039)	1160619	1.00000	0.98
M 56 Xylene (total)	106				3493441	1.00000	3.0
57 Bromoform	173	13.075	13.074	(1.059)	1610870	1.00000	1.2(A)
58 1,1,2,2-Tetrachloroethane	83	13.385	13.385	(1.084)	1381836	1.00000	1.1(A)
59 4-Ethyltoluene	105	13.545	13.550	(1.097)	3990555	1.00000	1.2(AH)
60 1,3,5-Trimethylbenzene	105	13.588	13.588	(1.101)	3319738	1.00000	1.1(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

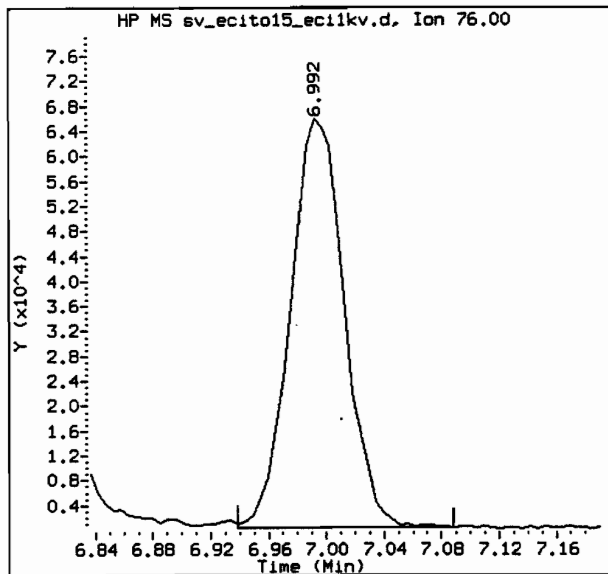
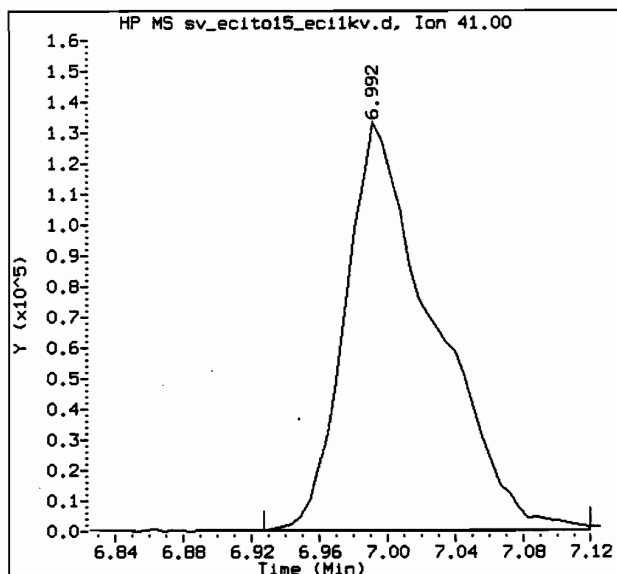
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MANUAL INTEGRATION REPORT

Data File Name: eciklv.d
 Client Sample ID: astd1000
 Compound Name: 3-Chloropropene

Inj. Date and Time: 11-APR-2007 05:06
 Instrument ID: E.i
 CAS #: 107-05-1

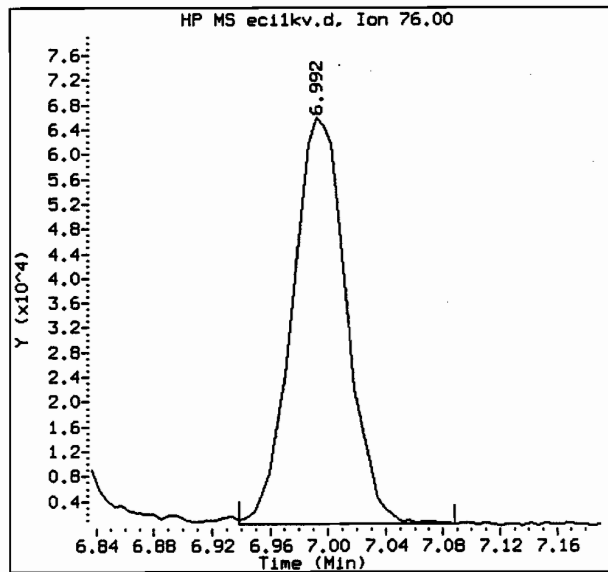
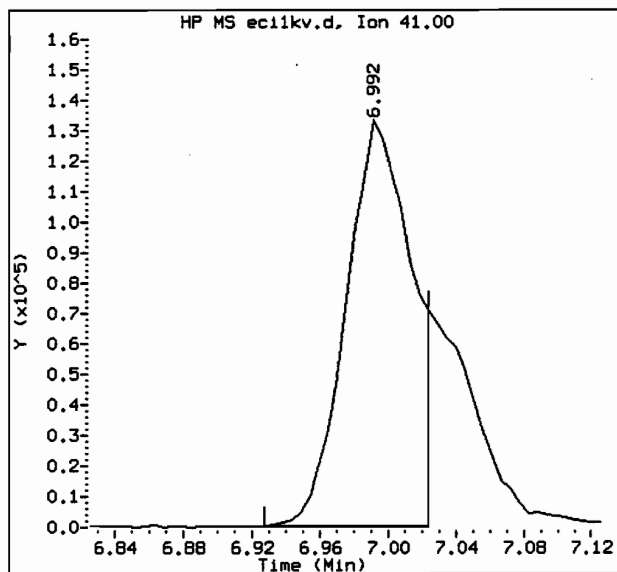
Target Version: Target 3.50
 Report Version: 1.1
 Report Date: 04/13/2007 14:45



Original Integrations:

Area = 485405

Area = 170720



Final Integrations:

Area = 360140

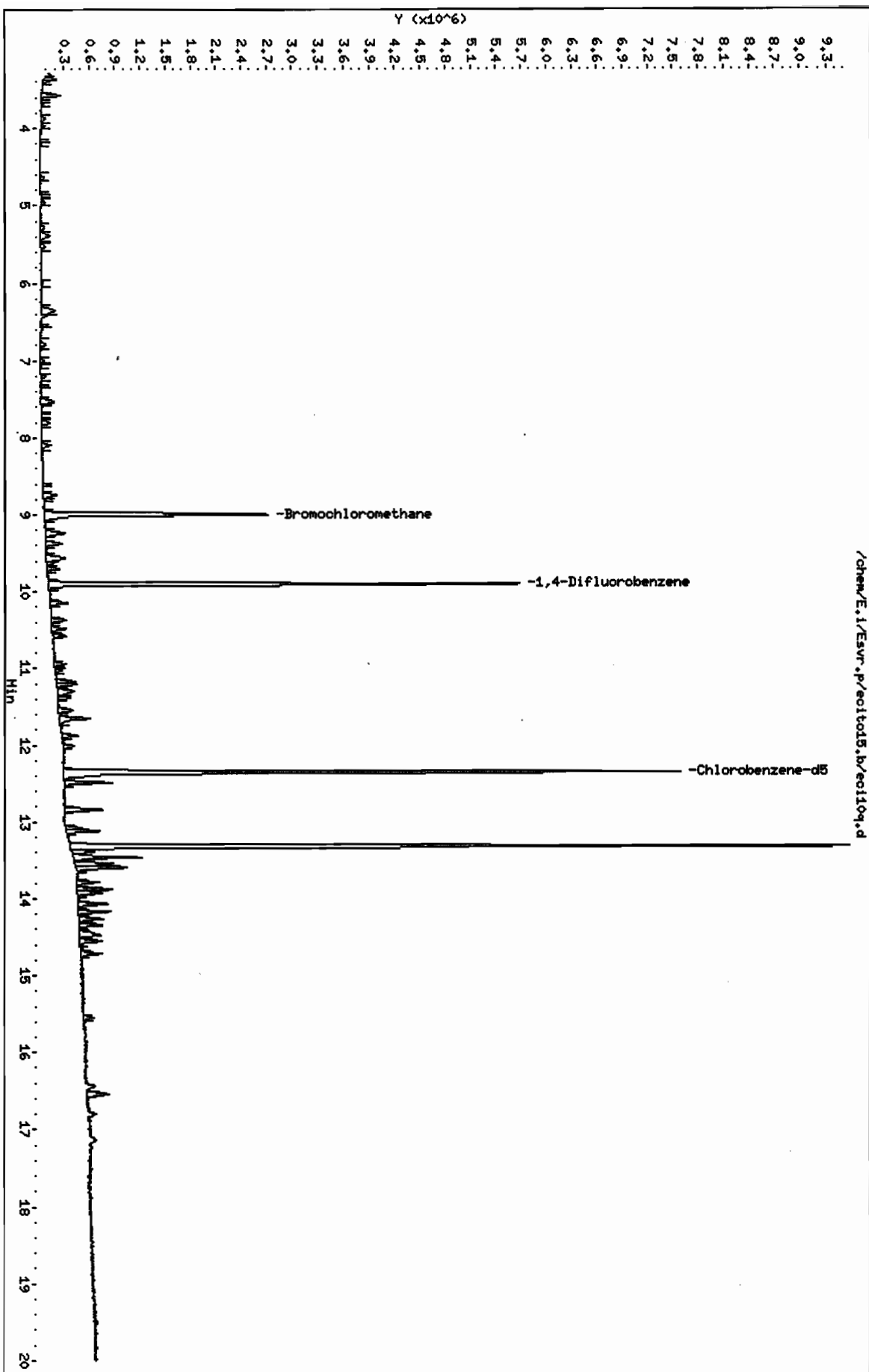
Area = 170720

Manual Integration Reason: M1 - Peak Missed

Data File: /chem/E.1/Esvr.p/eoit015.b/eoit019.d
Date: 11-APR-2007 07:30
Client ID: ea0410071cs
Sample Info: ea0410071cs/ICV
Purge Volume: 500.0
Column phase: RTX-624

Instrument: E.1
Operator: jkn
Column diameter: 0.32

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STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecito15.b/eci10q.d
 Lab Smp Id: ea041007lcs Client Smp ID: ea041007lcs
 Inj Date : 11-APR-2007 07:30
 Operator : jkn Inst ID: E.i
 Smp Info : ea041007lcs/ICV
 Misc Info : ea041007lcs;041007EA;1;500
 Comment :
 Method : /chem/E.i/Esvr.p/ecito15.b/to15low.m
 Meth Date : 13-Apr-2007 14:45 sv Quant Type: ISTD
 Cal Date : 11-APR-2007 05:06 Cal File: ecikv.d
 Als bottle: 4 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15LL.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	500.00000	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	3.354	3.354	(0.373)	133845	0.10667	0.11
2 1,2-Dichlorotetrafluoroethane	85	3.568	3.568	(0.397)	128149	0.10775	0.11
4 Vinyl Chloride	62	3.894	3.894	(0.433)	38158	0.10740	0.11
5 1,3-Butadiene	54	3.964	3.958	(0.441)	28116	0.11388	0.11
6 Bromomethane	94	4.638	4.638	(0.516)	43364	0.10320	0.10
7 Chloroethane	64	4.873	4.868	(0.542)	18595	0.09934	0.099(M)
8 Bromoethene	106	5.280	5.280	(0.587)	51570	0.10710	0.11
9 Trichlorofluoromethane	101	5.387	5.381	(0.599)	164985	0.10562	0.10
11 1,1-Dichloroethene	96	6.403	6.403	(0.712)	48838	0.11512	0.12
15 3-Chloropropene	41	6.997	6.992	(0.778)	36851	0.10244	0.10
18 Methyl tert-Butyl Ether	73	7.516	7.516	(0.836)	118335	0.09954	0.100
19 trans-1,2-Dichloroethene	61	7.532	7.532	(0.838)	61123	0.10382	0.10
20 n-Hexane	57	7.800	7.800	(0.867)	54129	0.10062	0.10
21 1,1-Dichloroethane	63	8.094	8.088	(0.900)	74413	0.10789	0.11
M 22 1,2-Dichloroethene (total)	61				113064	0.20801	0.21

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
24 cis-1,2-Dichloroethene	96	8.736	8.736	(0.971)	51941	0.10423	0.10
* 25 Bromochloromethane	128	8.993	8.993	(1.000)	1077543	3.00000	
26 Chloroform	83	9.035	9.035	(1.005)	108848	0.10533	0.10
28 1,1,1-Trichloroethane	97	9.228	9.228	(0.932)	139688	0.10989	0.11
29 Cyclohexane	84	9.249	9.249	(0.934)	68309	0.10101	0.10
30 Carbon Tetrachloride	117	9.367	9.372	(0.946)	143031	0.10350	0.10
31 2,2,4-Trimethylpentane	57	9.549	9.549	(0.964)	185194	0.09655	0.096
32 Benzene	78	9.576	9.581	(0.967)	127676	0.10048	0.10
33 1,2-Dichloroethane	62	9.629	9.629	(0.972)	77079	0.10827	0.11
34 n-Heptane	43	9.693	9.693	(0.979)	53664	0.09687	0.097
* 35 1,4-Difluorobenzene	114	9.902	9.902	(1.000)	5429239	3.00000	
36 Trichloroethene	95	10.148	10.148	(1.025)	70889	0.09973	0.100
38 1,2-Dichloropropane	63	10.367	10.367	(1.047)	38732	0.10407	0.10(Q)
40 Bromodichloromethane	83	10.571	10.576	(1.068)	114762	0.10868	0.11
41 cis-1,3-Dichloropropene	75	10.945	10.940	(1.105)	77376	0.10407	0.10
43 Toluene	92	11.207	11.207	(0.908)	109557	0.09959	0.100
44 trans-1,3-Dichloropropene	75	11.384	11.389	(1.150)	80570	0.09753	0.098
45 1,1,2-Trichloroethane	83	11.544	11.544	(0.935)	43928	0.09075	0.091
46 Tetrachloroethene	166	11.651	11.651	(0.944)	139525	0.09701	0.097
48 Dibromochloromethane	129	11.876	11.881	(0.962)	123484	0.09844	0.098
49 1,2-Dibromoethane	107	12.015	12.010	(0.973)	93065	0.09110	0.091
* 50 Chlorobenzene-d5	117	12.347	12.347	(1.000)	5246816	3.00000	
52 Ethylbenzene	91	12.395	12.395	(1.004)	253376	0.09527	0.095
53 Xylene (m,p)	106	12.486	12.491	(1.011)	217519	0.19753	0.20
54 Xylene (o)	106	12.839	12.834	(1.040)	103401	0.09186	0.092
M 56 Xylene (total)	106				320920	0.28510	0.28
57 Bromoform	173	13.080	13.074	(1.059)	127258	0.09569	0.096
58 1,1,2,2-Tetrachloroethane	83	13.390	13.385	(1.084)	113009	0.09196	0.092
59 4-Ethyltoluene	105	13.545	13.550	(1.097)	316657	0.09644	0.096(H)
60 1,3,5-Trimethylbenzene	105	13.588	13.588	(1.101)	245937	0.08827	0.088

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

SV
04/18/2007

STL Burlington

RECOVERY REPORT

Client Name: Client SDG: ecito15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: ea041007lcs Client Smp ID: ea041007lcs
Level: LOW Operator: jkn
Data Type: MS DATA SampleType: LCS
SpikeList File: TO15LL.spk Quant Type: ISTD
Sublist File: TO15LL.sub
Method File: /chem/E.i/Esvr.p/ecito15.b/to15low.m
Misc Info: ea041007lcs;041007EA;1;500

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1 Dichlorodifluorome	0.10	0.11	106.67	70-130
2 1,2-Dichlorotetra	0.10	0.11	107.75	70-130
4 Vinyl Chloride	0.10	0.11	107.40	70-130
5 1,3-Butadiene	0.10	0.11	113.88	70-130
6 Bromomethane	0.10	0.10	103.20	70-130
7 Chloroethane	0.10	0.099	99.34	70-130
8 Bromoethene	0.10	0.11	107.10	70-130
9 Trichlorofluoromet	0.10	0.10	105.62	70-130
11 1,1-Dichloroethene	0.10	0.12	115.12	70-130
15 3-Chloropropene	0.10	0.10	102.44	70-130
19 trans-1,2-Dichloro	0.10	0.10	103.82	70-130
18 Methyl tert-Butyl	0.10	0.100	99.54	70-130
20 n-Hexane	0.10	0.10	100.62	70-130
M 22 1,2-Dichloroethene	0.20	0.21	105.00	70-130
21 1,1-Dichloroethane	0.10	0.11	107.89	70-130
24 cis-1,2-Dichloroet	0.10	0.10	104.23	70-130
26 Chloroform	0.10	0.10	105.33	70-130
28 1,1,1-Trichloroeth	0.10	0.11	109.89	70-130
29 Cyclohexane	0.10	0.10	101.01	70-130
30 Carbon Tetrachlori	0.10	0.10	103.50	70-130
31 2,2,4-Trimethylpen	0.10	0.096	96.55	70-130
32 Benzene	0.10	0.10	100.48	70-130
33 1,2-Dichloroethane	0.10	0.11	108.27	70-130
34 n-Heptane	0.10	0.097	96.87	70-130
36 Trichloroethene	0.10	0.100	99.73	70-130
38 1,2-Dichloropropan	0.10	0.10	104.07	70-130
40 Bromodichlorometha	0.10	0.11	108.68	70-130
41 cis-1,3-Dichloropr	0.10	0.10	104.07	70-130
43 Toluene	0.10	0.100	99.59	70-130
44 trans-1,3-Dichloro	0.10	0.098	97.53	70-130
45 1,1,2-Trichloroeth	0.10	0.091	90.75	70-130
46 Tetrachloroethene	0.10	0.097	97.01	70-130
48 Dibromochlorometha	0.10	0.098	98.44	70-130

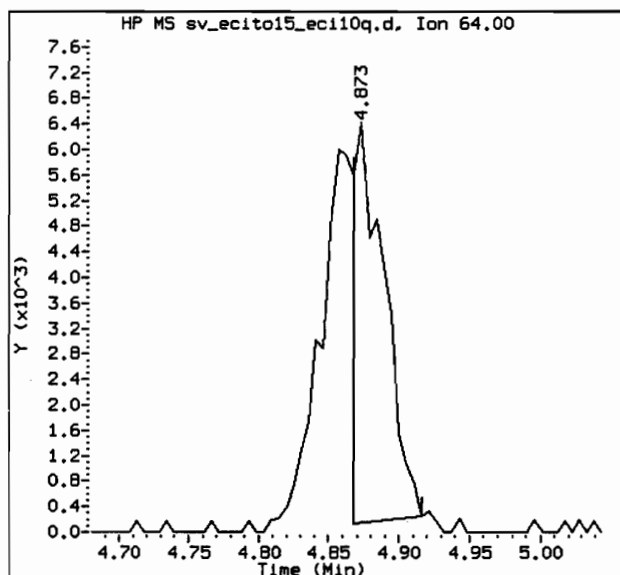
SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
49 1,2-Dibromoethane	0.10	0.091	91.10	70-130
52 Ethylbenzene	0.10	0.095	95.27	70-130
53 Xylene (m,p)	0.20	0.20	98.76	70-130
54 Xylene (o)	0.10	0.092	91.86	70-130
57 Bromoform	0.10	0.096	95.69	70-130
58 1,1,2,2-Tetrachlor	0.10	0.092	91.96	70-130
59 4-Ethyltoluene	0.10	0.096	96.44	70-130
60 1,3,5-Trimethylben	0.10	0.088	88.27	70-130

MANUAL INTEGRATION REPORT

Data File Name: ec110q.d
 Client Sample ID: ea0410071cs
 Compound Name: Chloroethane

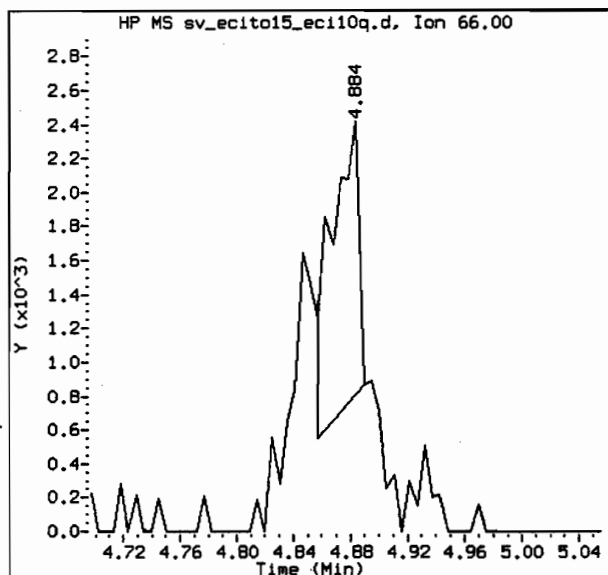
Inj. Date and Time: 11-APR-2007 07:30
 Instrument ID: E.i
 CAS #: 75-00-3

Target Version: Target 3.50
 Report Version: 1.1
 Report Date: 04/13/2007 14:45

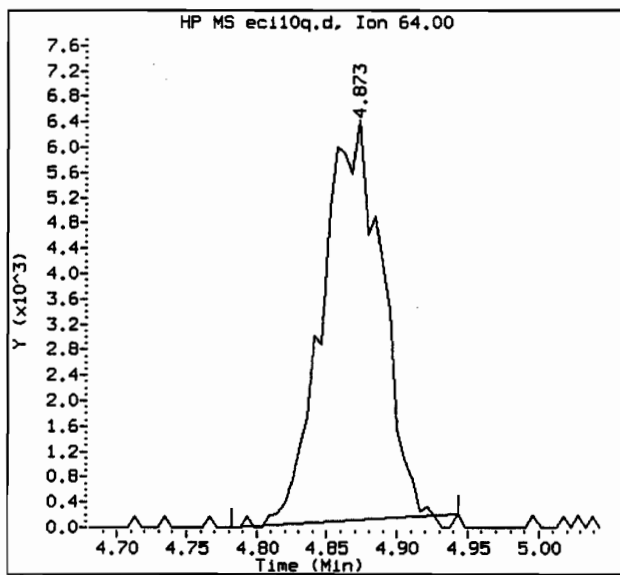


Original Integrations:

Area = 9901

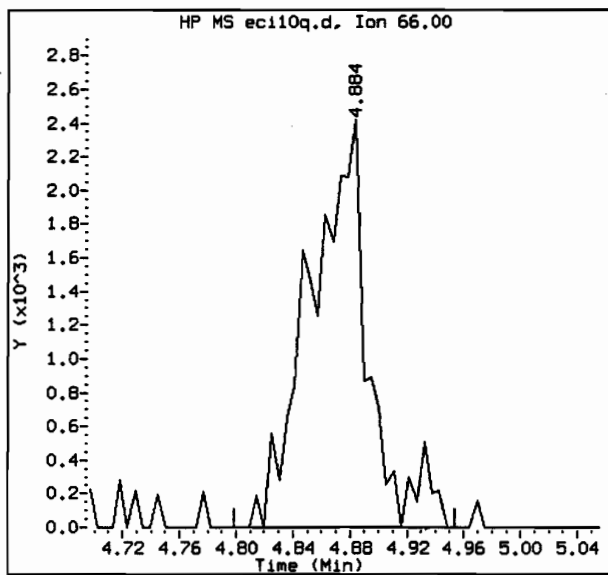


Area = 2343



Final Integrations:

Area = 18595



Area = 6887

Manual Integration Reason: M1 - Peak Missed

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

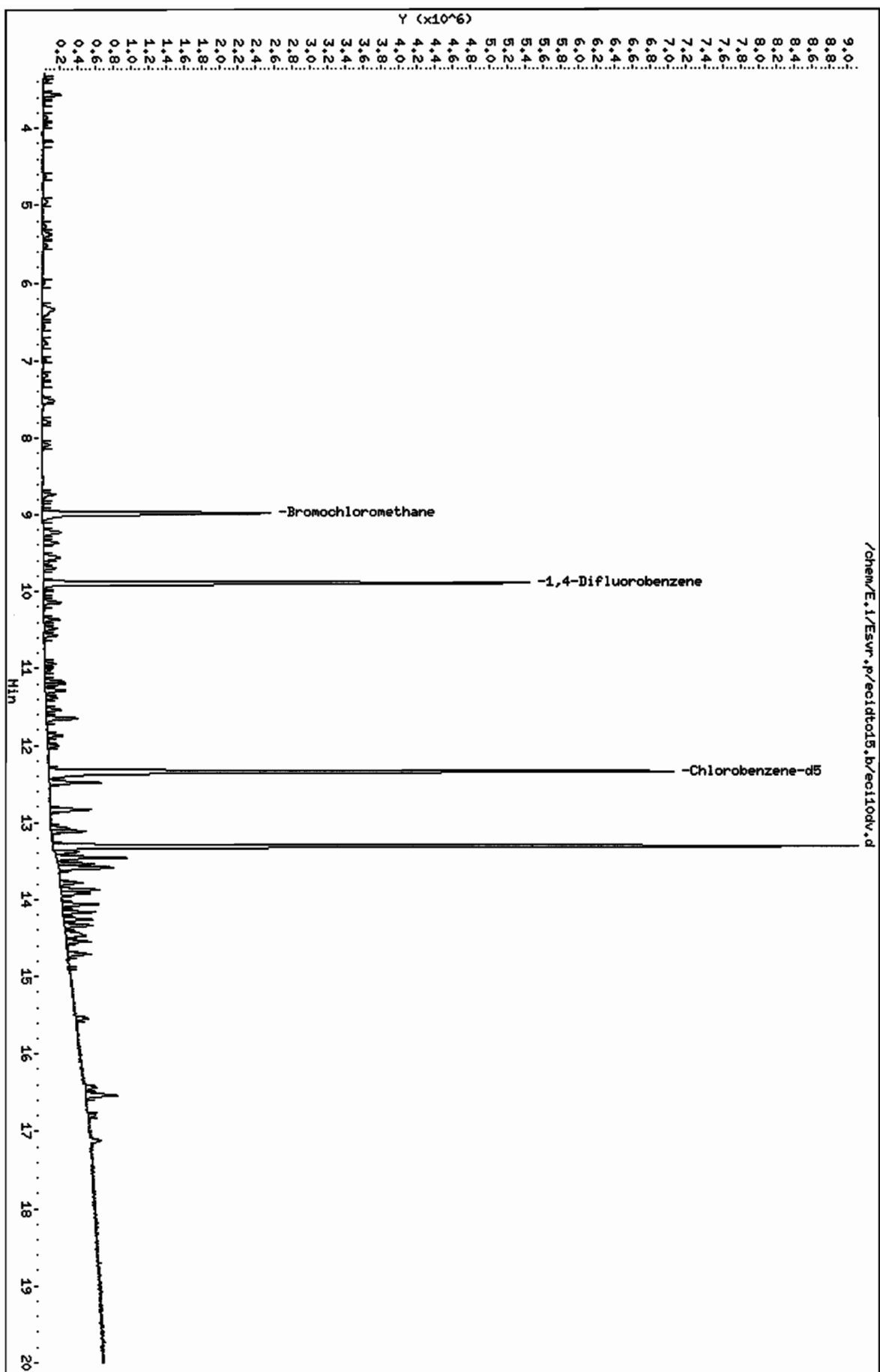
Lab Name: STL BURLINGTON Contract: 27000
Lab Code: STLVT Case No.: 27000 SAS No.: SDG No.: NY119362
Instrument ID: E Calibration Date: 04/18/07 Time: 1450
Lab File ID: ECI10DV Init. Calib. Date(s): 04/10/07 04/11/07
Heated Purge: (Y/N) N Init. Calib. Times: 2330 0506
GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{\text{RRF}}$	RRF0.1	MIN RRF	%D	MAX %D
=====	=====	=====	=====	=====	=====
Carbon Tetrachloride	0.764	0.780	0.01	2.1	30.0
Trichloroethene	0.393	0.364	0.01	7.4	30.0
=====	=====	=====	=====	=====	=====

FORM VII VOA

Data File: /chem/E.1/Esvr.p/ecidto15.b/eci10dv.d
Date : 18-APR-2007 14:50
Client ID: astd010
Sample Info:
Purge Volume: 250.0
Column phase: RTX-624

Instrument: E.i
Operator: wrd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecidto15.b/eci10dv.d
 Lab Smp Id: astd010 Client Smp ID: astd010
 Inj Date : 18-APR-2007 14:50
 Operator : wrd Inst ID: E.i
 Smp Info :
 Misc Info : astd010;041807EA;1;250
 Comment :
 Method : /chem/E.i/Esvr.p/ecidto15.b/to15low.m
 Meth Date : 19-Apr-2007 11:15 rs1 Quant Type: ISTD
 Cal Date : 11-APR-2007 05:06 Cal File: ecikv.d
 Als bottle: 1 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TCECTeT.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	250.00000	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)
*****	****		==	=====	=====	=====	=====	=====
* 25 Bromochloromethane	128		8.987	8.987	(1.000)	1022501	3.00000	
30 Carbon Tetrachloride	117		9.367	9.367	(0.946)	134611	0.10000	0.10
* 35 1,4-Difluorobenzene	114		9.897	9.897	(1.000)	5177553	3.00000	
36 Trichloroethene	95		10.137	10.137	(1.024)	62778	0.10000	0.093
* 50 Chlorobenzene-d5	117		12.342	12.342	(1.000)	4977310	3.00000	



Raw QC Data - TO-15 Low Volatile

Date : 10-APR-2007 22:20

Client ID: VBFB

Instrument: E.i

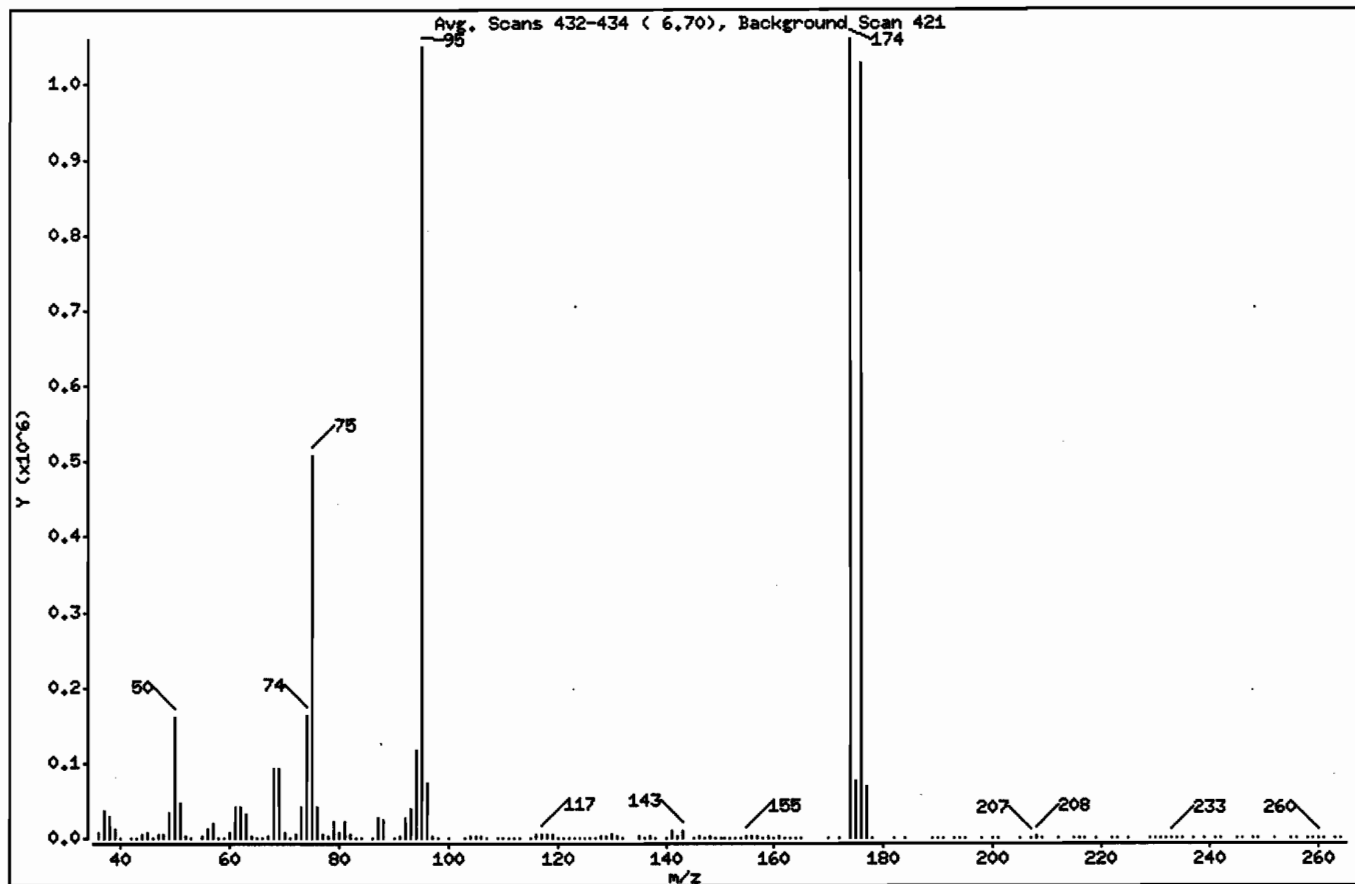
Sample Info: VBFB

Operator: jkn

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	15.21
75	30.00 - 66.00% of mass 95	48.33
96	5.00 - 9.00% of mass 95	6.99
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	100.84
175	4.00 - 9.00% of mass 174	7.18 (7.12)
176	93.00 - 101.00% of mass 174	97.90 (97.09)
177	5.00 - 9.00% of mass 176	6.41 (6.54)

Date : 10-APR-2007 22:20

Client ID: VBFB

Instrument: E.i

Sample Info: VBFB

Operator: jkn

Column phase: RTX-624

Column diameter: 0.32

Data File: eci01pv.d

Spectrum: Avg. Scans 432-434 (6.70), Background Scan 421

Location of Maximum: 174.00

Number of points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6305	81.00	20824	131.00	1470	193.00	537
37.00	36064	82.00	4354	132.00	259	194.00	438
38.00	28576	83.00	794	135.00	1792	195.00	3
39.00	12134	84.00	69	136.00	354	198.00	202
40.00	422	86.00	455	137.00	1609	200.00	60
42.00	135	87.00	26256	138.00	209	201.00	54
43.00	261	88.00	24584	140.00	1062	205.00	137
44.00	3749	90.00	243	141.00	9335	207.00	1058
45.00	6233	91.00	3342	142.00	1464	208.00	1400
46.00	610	92.00	26864	143.00	10599	209.00	1051
47.00	5220	93.00	38256	145.00	690	212.00	92
48.00	4533	94.00	116552	146.00	1911	215.00	59
49.00	33592	95.00	1048576	147.00	1078	216.00	422
50.00	159424	96.00	73304	148.00	3083	217.00	161
51.00	45856	97.00	2543	149.00	544	219.00	741
52.00	1444	98.00	637	150.00	1047	222.00	138
53.00	189	100.00	188	151.00	31	223.00	187
55.00	1768	103.00	144	152.00	562	225.00	168
56.00	12134	104.00	3600	153.00	1043	229.00	81
57.00	20048	105.00	1413	154.00	1087	230.00	57
58.00	733	106.00	3458	155.00	2728	231.00	53
59.00	473	107.00	829	156.00	1499	232.00	421
60.00	8251	109.00	169	157.00	1387	233.00	510
61.00	41152	110.00	747	158.00	241	234.00	32
62.00	40208	111.00	767	159.00	1338	235.00	395
63.00	30488	112.00	72	160.00	629	237.00	255
64.00	2840	113.00	397	161.00	1721	239.00	308
65.00	49	115.00	675	162.00	132	241.00	106
66.00	279	116.00	3786	163.00	463	242.00	54
67.00	2322	117.00	5855	164.00	355	245.00	51
68.00	91680	118.00	3703	165.00	279	246.00	22
69.00	92472	119.00	5216	170.00	195	248.00	95
70.00	6819	120.00	46	172.00	550	249.00	147
71.00	208	121.00	211	174.00	1057280	252.00	119
72.00	5073	122.00	231	175.00	75248	255.00	105

Date : 10-APR-2007 22:20

Client ID: VBFB

Instrument: E.i

Sample Info: VBFB

Operator: jkn

Column phase: RTX-624

Column diameter: 0.32

Data File: eci01pv.d

Spectrum: Avg. Scans 432-434 (6.70), Background Scan 421

Location of Maximum: 174.00

Number of points: 171

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	42200	123.00	340	176.00	1026560	256.00	103
74.00	162560	124.00	762	177.00	67176	258.00	132
75.00	506816	125.00	97	178.00	922	259.00	59
76.00	40920	126.00	59	182.00	95	260.00	565
77.00	5084	127.00	806	184.00	9	261.00	415
78.00	2330	128.00	2830	189.00	99	263.00	85
79.00	20840	129.00	1822	190.00	113	264.00	155
80.00	7573	130.00	3871	191.00	551		

Date : 10-APR-2007 22:20

Client ID: VBFB

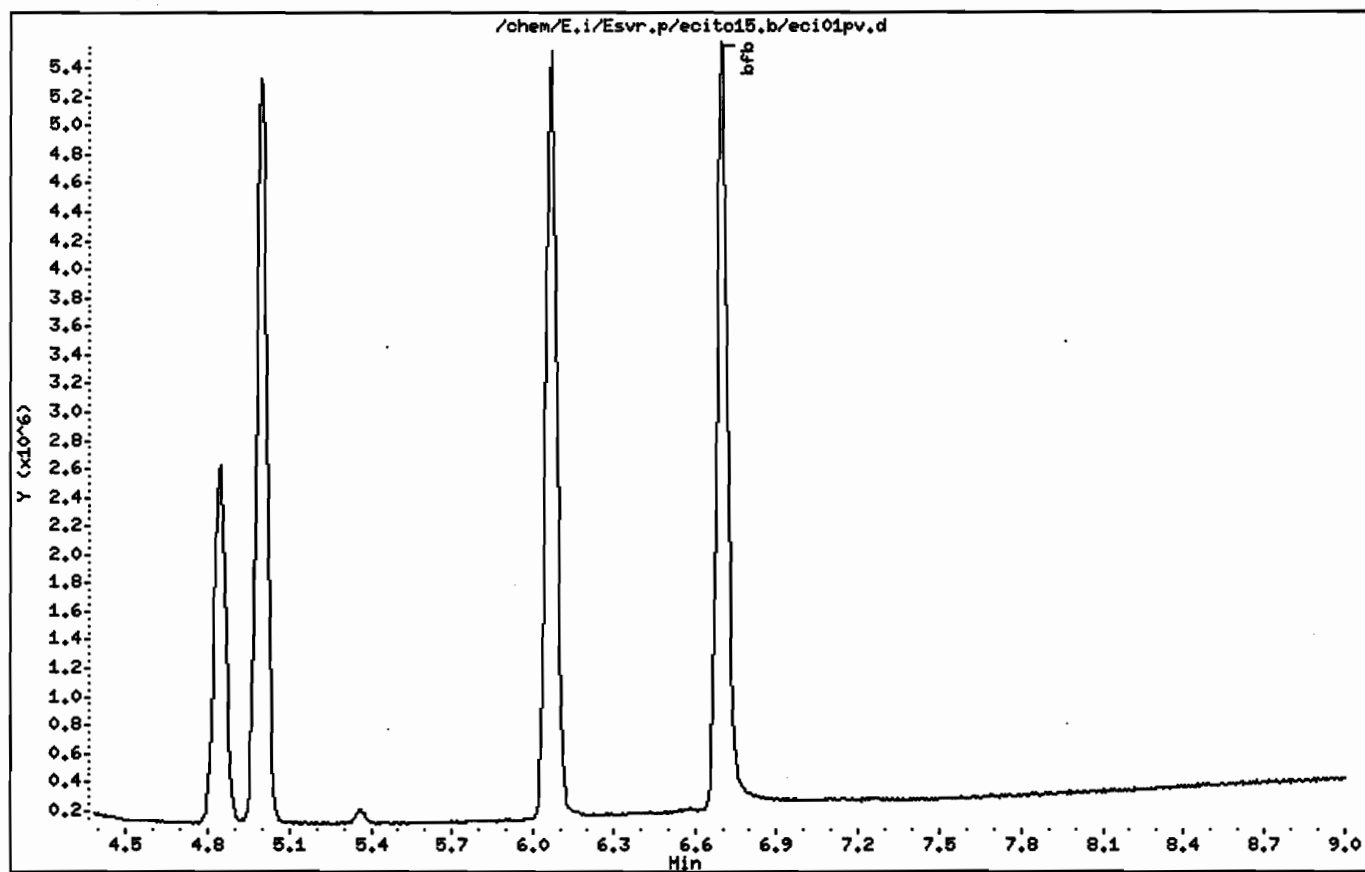
Instrument: E.i

Sample Info: VBFB

Operator: jkn

Column phase: RTX-624

Column diameter: 0.32



Date : 18-APR-2007 13:42

Client ID: VBFB

Instrument: E.i

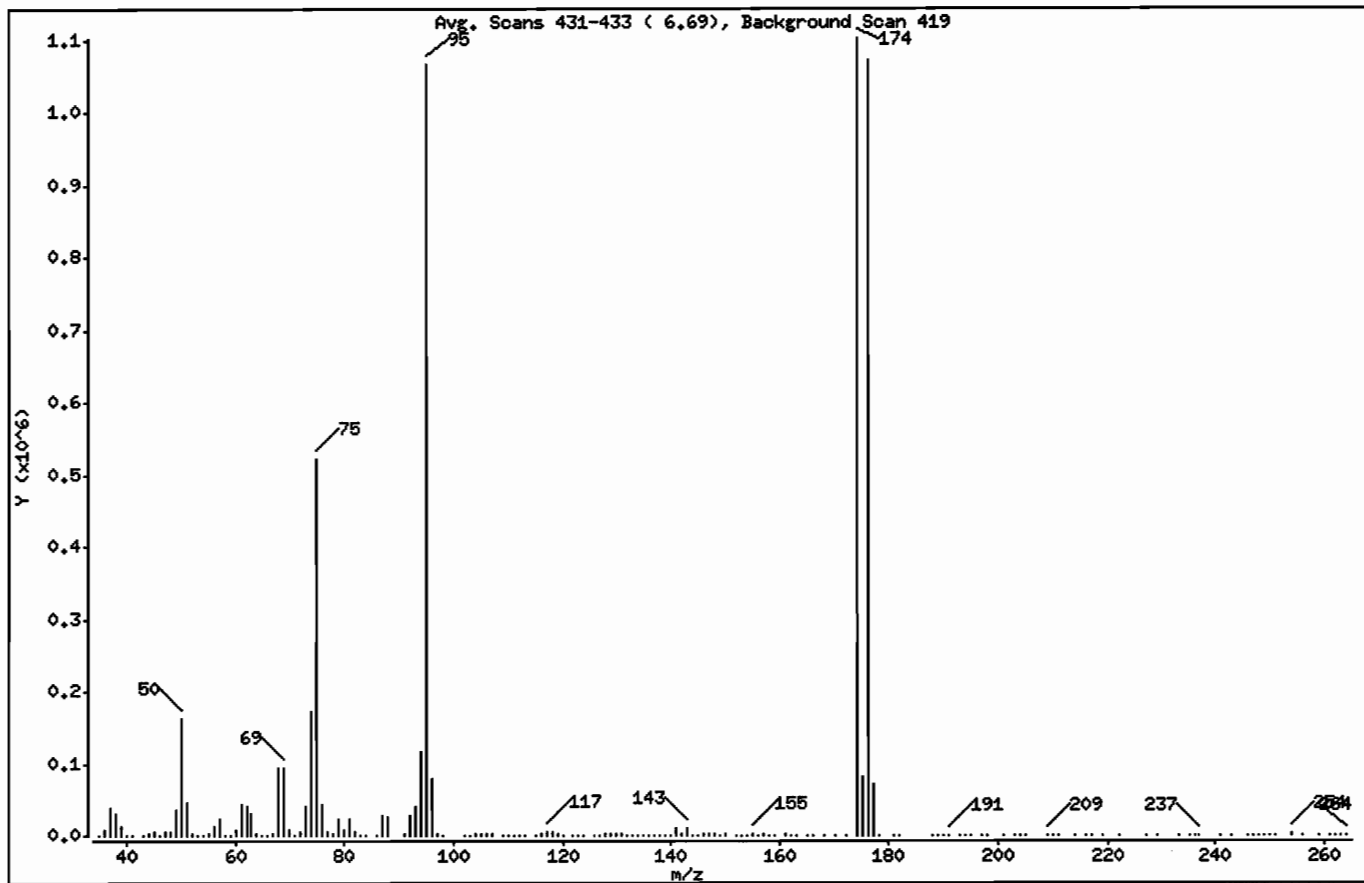
Sample Info: VBFB

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	15.20
75	30.00 - 66.00% of mass 95	48.79
96	5.00 - 9.00% of mass 95	7.26
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	103.24
175	4.00 - 9.00% of mass 174	7.54 (7.30)
176	93.00 - 101.00% of mass 174	100.38 (97.23)
177	5.00 - 9.00% of mass 176	6.54 (6.52)

Date : 18-APR-2007 13:42

Client ID: VBFB

Instrument: E.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: eci05pv.d

Spectrum: Avg. Scans 431-433 (6.69), Background Scan 419

Location of Maximum: 174.00

Number of points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y

35.00	92	79.00	23120	132.00	233	189.00	54
36.00	7133	80.00	6542	133.00	1215	190.00	127
37.00	36808	81.00	21648	134.00	769	191.00	921
38.00	30480	82.00	5000	135.00	1217	193.00	325
39.00	11994	83.00	528	136.00	266	194.00	204

40.00	692	84.00	173	137.00	1159	195.00	364
41.00	376	86.00	597	138.00	151	197.00	385
43.00	215	87.00	27160	139.00	278	198.00	236
44.00	3311	88.00	25776	140.00	506	201.00	55
45.00	5991	91.00	2625	141.00	11284	203.00	186

46.00	571	92.00	27608	142.00	1574	204.00	237
47.00	5304	93.00	41160	143.00	11323	205.00	153
48.00	4823	94.00	116696	144.00	799	209.00	869
49.00	34872	95.00	1067520	145.00	121	210.00	47
50.00	162240	96.00	77536	146.00	1910	211.00	262

51.00	46656	97.00	2227	147.00	1419	214.00	69
52.00	2330	98.00	455	148.00	2238	216.00	296
53.00	232	102.00	102	149.00	765	217.00	97
54.00	47	103.00	70	150.00	1651	219.00	193
55.00	2780	104.00	3755	152.00	692	222.00	125

56.00	11992	105.00	1420	153.00	1121	227.00	76
57.00	22192	106.00	3538	154.00	1215	229.00	116
58.00	788	107.00	1314	155.00	3233	233.00	115
59.00	294	109.00	487	156.00	864	235.00	235
60.00	8134	110.00	727	157.00	2097	236.00	21

61.00	42408	111.00	814	158.00	311	237.00	395
62.00	41472	112.00	232	159.00	1139	241.00	225
63.00	30904	113.00	607	161.00	1362	243.00	67
64.00	2659	115.00	639	162.00	11	246.00	62
65.00	567	116.00	3370	163.00	39	247.00	173

66.00	138	117.00	4729	165.00	43	248.00	53
67.00	2100	118.00	4097	166.00	117	249.00	290
68.00	93016	119.00	3593	168.00	231	250.00	226
69.00	93160	120.00	399	170.00	192	251.00	338
70.00	7455	122.00	309	172.00	228	254.00	1384

Data File: /chem/E.i/Esvr.p/ecidto15.b/eci05pv.d

Page 4

Date : 18-APR-2007 13:42

Client ID: VBFB

Instrument: E.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: eci05pv.d

Spectrum: Avg. Scans 431-433 (6.69), Background Scan 419

Location of Maximum: 174.00

Number of points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	241	123.00	335	174.00	1101824	256.00	42
72.00	5126	124.00	391	175.00	80456	259.00	66
73.00	41272	126.00	527	176.00	1071616	261.00	5
74.00	171200	127.00	577	177.00	69840	262.00	126
75.00	520832	128.00	2946	178.00	1193	263.00	75
76.00	43936	129.00	1779	181.00	299	264.00	66
77.00	4242	130.00	3546	182.00	119		
78.00	2928	131.00	1328	188.00	5		

Data File: /chem/E.i/Esvr.p/ecidto15.b/eci05pv.d

Page 1

Date : 18-APR-2007 13:42

Client ID: VBFB

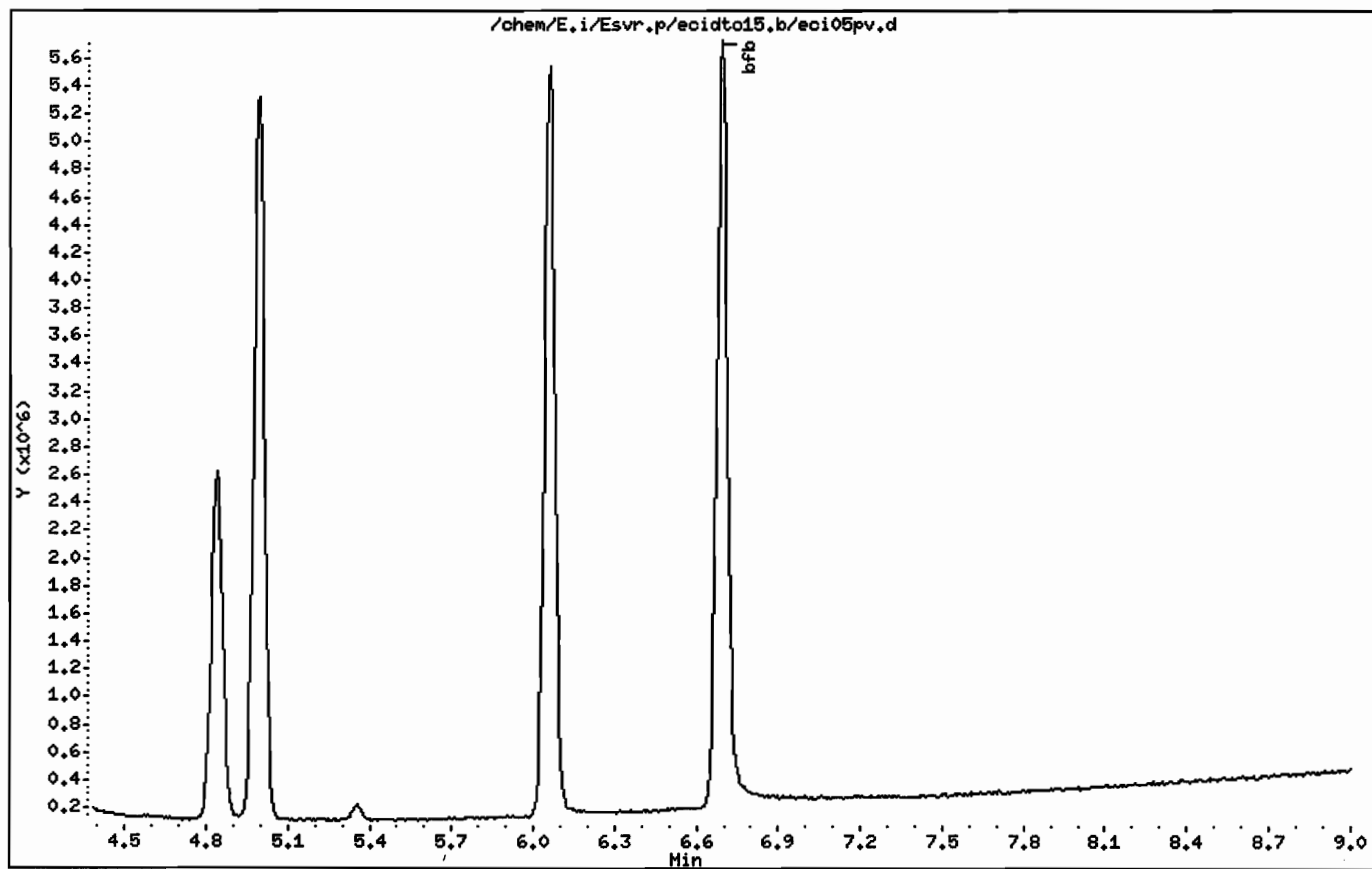
Instrument: E.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK041807EA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: MBLK041807EA

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: ECIB01D

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

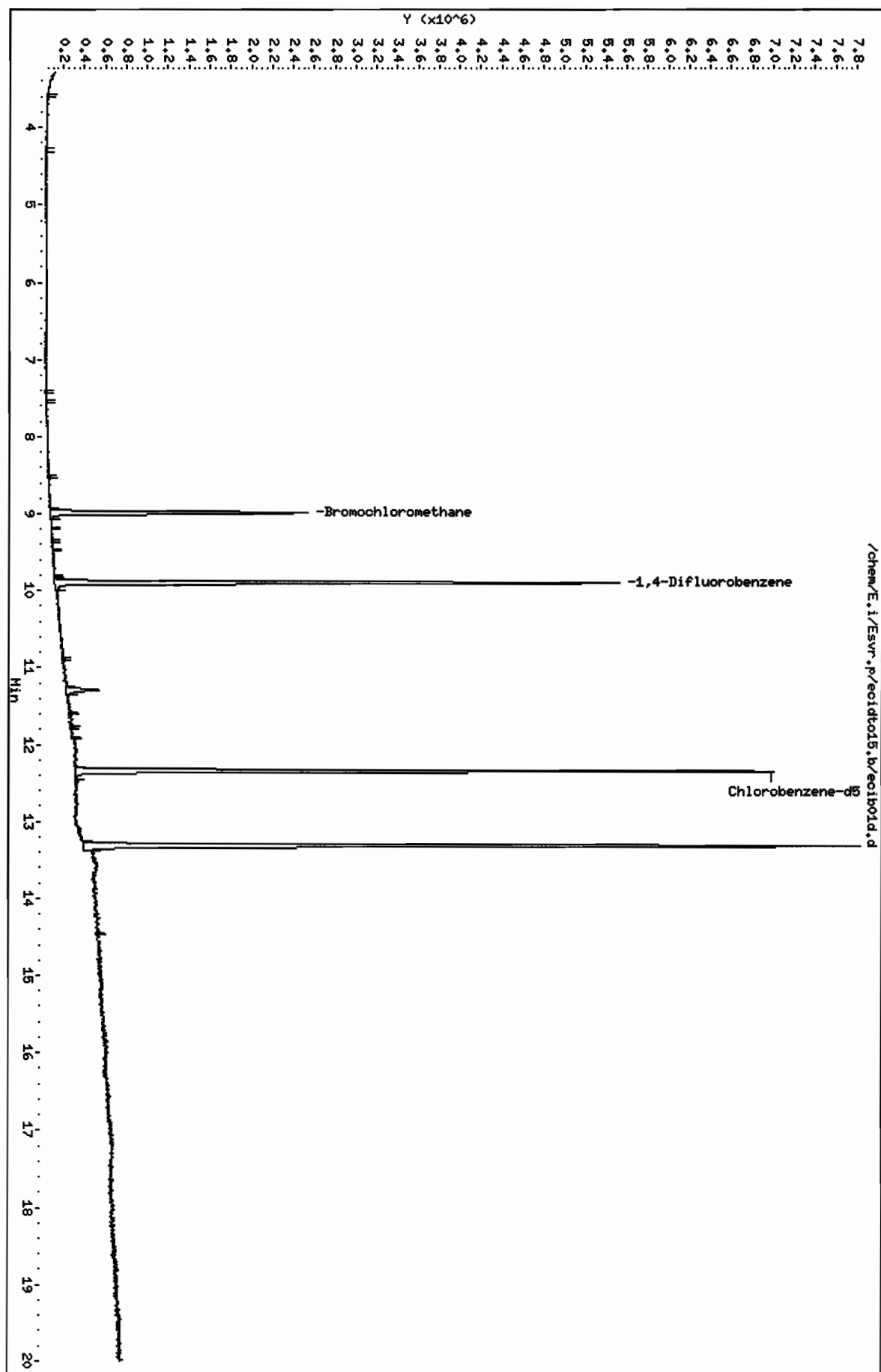
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) PPBV	Q
56-23-5-----	Carbon Tetrachloride_____	0.010	U
79-01-6-----	Trichloroethene_____	0.010	U

FORM I VOA

Data File: /chem/E.i/Esvr.p/ecidto15.b/ecib01d.d
Date: 18-APR-2007 17:12
Client ID: MBLK041807EA
Sample Info:
Purge Volume: 500.0
Column phase: RTX-624

Instrument: E.i
Operator: wmd
Column diameter: 0.32



Data File: /chem/E.i/Esvr.p/ecidto15.b/ecib01d.d
Report Date: 19-Apr-2007 11:18

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecidto15.b/ecib01d.d
Lab Smp Id: MBLK041807EA Client Smp ID: MBLK041807EA
Inj Date : 18-APR-2007 17:12
Operator : wrd Inst ID: E.i
Smp Info :
Misc Info : mblk041807ea;041807EA;1;500
Comment :
Method : /chem/E.i/Esvr.p/ecidto15.b/to15low.m
Meth Date : 19-Apr-2007 11:15 rs1 Quant Type: ISTD
Cal Date : 11-APR-2007 05:06 Cal File: ecilkv.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TCECTeT.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	500.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
* 25 Bromochloromethane	128	8.987	8.987	(1.000)	1001913	3.00000	
30 Carbon Tetrachloride	117				Compound Not Detected.		
* 35 1,4-Difluorobenzene	114	9.897	9.897	(1.000)	5232097	3.00000	
36 Trichloroethene	95				Compound Not Detected.		
* 50 Chlorobenzene-d5	117	12.342	12.342	(1.000)	4854746	3.00000	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EA041807LCS

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: EA041807LCS

Sample wt/vol: 250.0 (g/mL) ML

Lab File ID: ECI10DQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

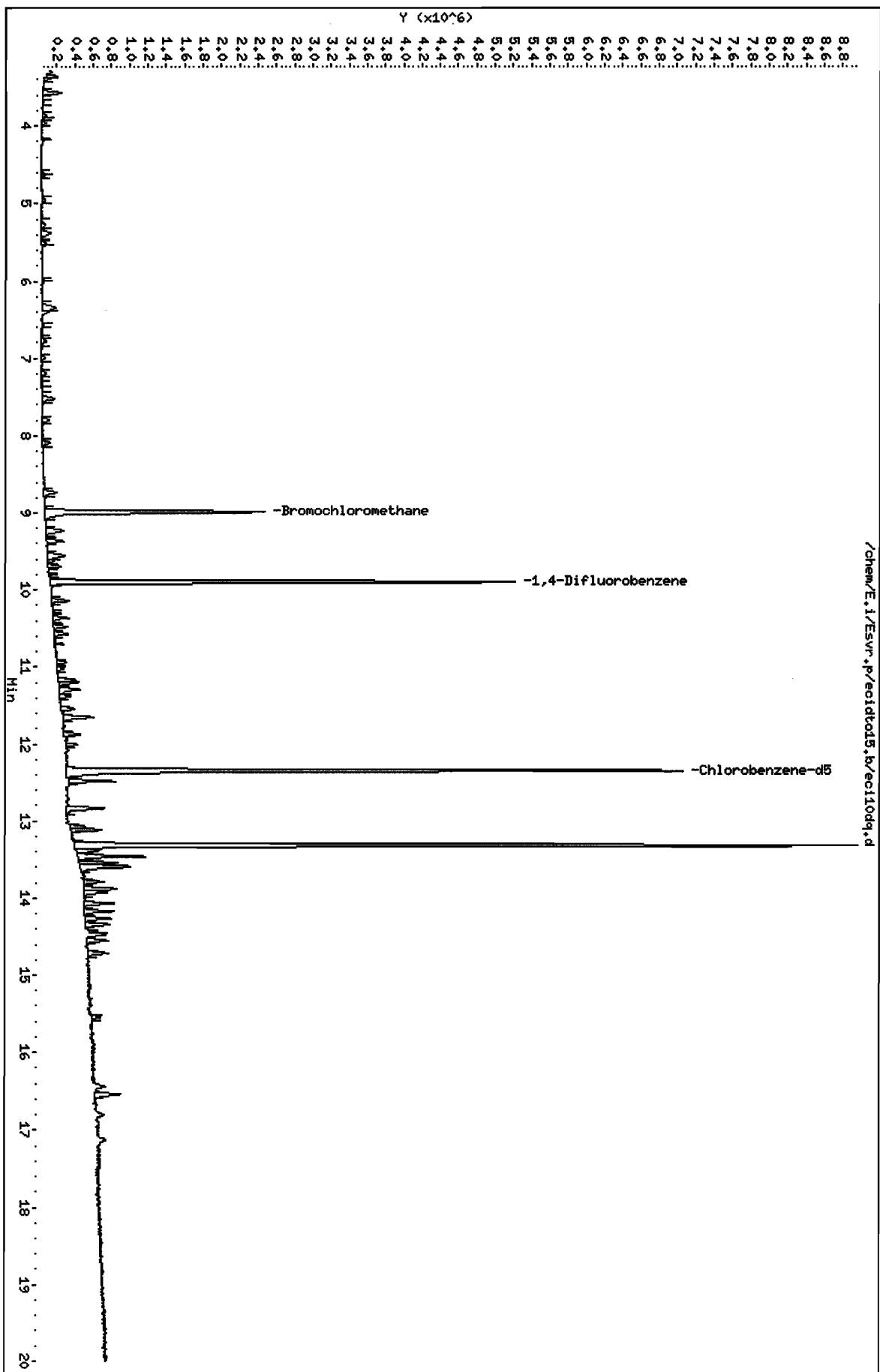
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) PPBV	Q
56-23-5-----	Carbon Tetrachloride_____	0.11	_____
79-01-6-----	Trichloroethene_____	0.10	_____

FORM I VOA

Data File: /chem/E.i/Esvr.p/ecidto15.b/eci10d9.d
Date : 18-APR-2007 15:37
Client ID: EA041807LCS
Sample Info:
Purge Volume: 250.0
Column phase: RTX-624

Instrument: E.i
Operator: urd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecidto15.b/eci10dq.d
 Lab Smp Id: EA041807LCS Client Smp ID: EA041807LCS
 Inj Date : 18-APR-2007 15:37
 Operator : wrd Inst ID: E.i
 Smp Info :
 Misc Info : ea041807lcs;041807EA;1;250
 Comment :
 Method : /chem/E.i/Esvr.p/ecidto15.b/to15low.m
 Meth Date : 19-Apr-2007 11:15 rs1 Quant Type: ISTD
 Cal Date : 11-APR-2007 05:06 Cal File: ecikv.d
 Als bottle: 2 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TCECTeT.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	250.00000	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)
* 25 Bromochloromethane	128	8.987	8.987	(1.000)	987254	3.00000		
30 Carbon Tetrachloride	117	9.362	9.367	(0.946)	135524	0.10902	0.11	
* 35 1,4-Difluorobenzene	114	9.897	9.897	(1.000)	4883676	3.00000		
36 Trichloroethene	95	10.138	10.137	(1.024)	64175	0.10037	0.10	
* 50 Chlorobenzene-d5	117	12.342	12.342	(1.000)	4813031	3.00000		

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EA041807LCSD

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: EA041807LCSD

Sample wt/vol: 250.0 (g/mL) ML

Lab File ID: ECI10DQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

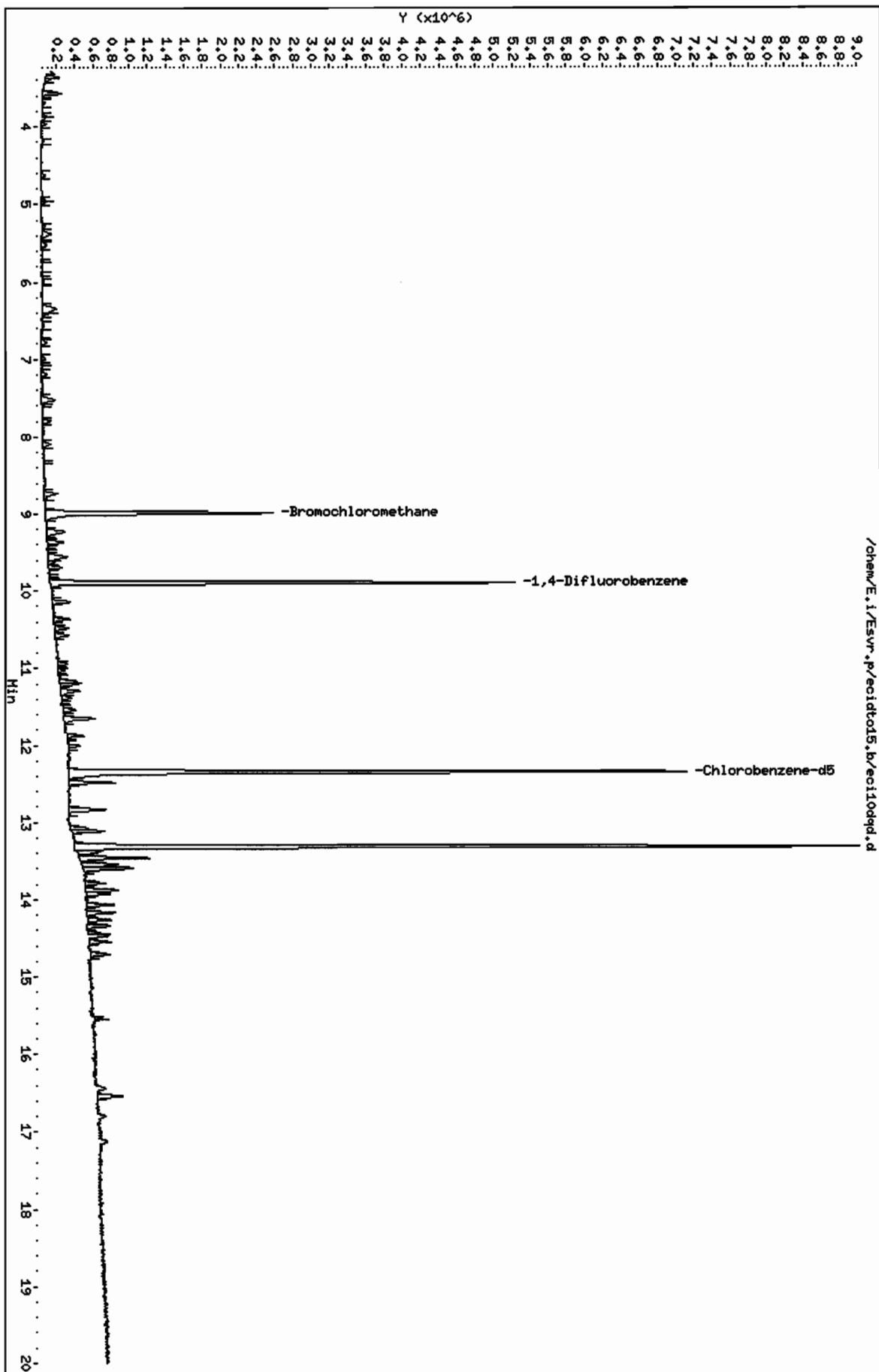
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

56-23-5-----Carbon Tetrachloride	0.11	
79-01-6-----Trichloroethene	0.11	

FORM I VOA

Data File: /chem/E.i/Esrv.p/ecidto15.b/eci10dqd.d
Date : 18-APR-2007 16:25
Client ID: EA041807LCSD
Sample Info:
Purge Volume: 250.0
Column phase: RTX-624

Instrument: E.i
Operator: wrd
Column diameter: 0.32



Data File: /chem/E.i/Esvr.p/ecidto15.b/eci10dqd.d
Report Date: 19-Apr-2007 11:15

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/E.i/Esvr.p/ecidto15.b/eci10dqd.d
Lab Smp Id: EA041807LCSD Client Smp ID: EA041807LCSD
Inj Date : 18-APR-2007 16:25
Operator : wrd Inst ID: E.i
Smp Info :
Misc Info : ea041807lcsd;041807EA;1;250
Comment :
Method : /chem/E.i/Esvr.p/ecidto15.b/to15low.m
Meth Date : 19-Apr-2007 11:15 rs1 Quant Type: ISTD
Cal Date : 11-APR-2007 05:06 Cal File: ecikv.d
Als bottle: 2 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TCECTeT.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	250.00000	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)
* 25 Bromochloromethane	128	8.987	8.987	(1.000)	1010124	3.00000		
30 Carbon Tetrachloride	117	9.372	9.367	(0.947)	135312	0.10744		0.11
* 35 1,4-Difluorobenzene	114	9.897	9.897	(1.000)	4947607	3.00000		
36 Trichloroethene	95	10.137	10.137	(1.024)	69149	0.10675		0.11
* 50 Chlorobenzene-d5	117	12.342	12.342	(1.000)	4898705	3.00000		



Organic Sample Preparation

RSGC Information							
Client: DELENZ							
ETR: 119362							
Date: 4/3/07							
Analyst: JH2							
¹ NCR= (1) -10 to -30 "Hg (2) -1 to Positive "Hg (3) Valve Open							
Lab ID	Summa ID	PC ID	Pressure ("Hg)		NCR	Certification Batch	Comments
			Initial	Final			
705402	4342	-	-30.3	-00.6	2	334(CF6D)	
705403	4326	3763	-30.3	-07.6			
705404	2862	2839		-18.2	1		
705405	4072	3767		-06.5			
705406	4145	2767		-03.7			
705407	4379	2837		-04.8			
705408	4331	4503		-04.7			
705409	4209	3383		-08.3			
705410	3527	3294		-05.6			
705411	2670	4042		-00.5	2		
705412	3434	4505	✓	+00.3	2		

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STL Burlington - Manual Integration Summary
SDG: NY119362

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
astd001	astd001	INIT. CALIB.	E RTX-624	10-APR-2007 23:30	ECI10V	
	3.889	Vinyl Chloride		M1 - Peak Missed		
	4.873	Chloroethane		Not specified		
	5.285	Bromoethene		Not specified		
	9.704	n-Heptane		Not specified		
	11.882	Dibromochloromethane		Not specified		
astd002	astd002	INIT. CALIB.	E RTX-624	11-APR-2007 00:18	ECI20V	
	4.873	Chloroethane		Not specified		
	10.143	Trichloroethene		M3 - Poor automated baseline		
astd005	astd005	INIT. CALIB.	E RTX-624	11-APR-2007 01:54	ECI50V	
	4.868	Chloroethane		M1 - Peak Missed		
astd050	astd050	INIT. CALIB.	E RTX-624	11-APR-2007 04:17	ECI500V	
	6.997	3-Chloropropene		M1 - Peak Missed		
astd1000	astd1000	INIT. CALIB.	E RTX-624	11-APR-2007 05:06	ECI1KV	
	6.992	3-Chloropropene		M1 - Peak Missed		

Ref 19 Apr 07

GC/MS INSTRUMENT RUN LOG

Air Lab Instrument ID: E

Batch / Method ID: E0110105		Calibration Std. Lot #		Instrument Performance Check (ICAL or CCAL)						
Start Date: 4/10/07	Time: 2220	Internal Std. Lot # A10200612		☒	Tune Standard	RT & Ratios Updated				
Close Date: 4/11/07	Time: 2220	ICV/LCS Lot # A104100710		☒	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
	ibk01			1	500	1			JEN	
	ibk02			1	500	1				
	ibk03			1	500	1				
2220	ec1010v			1	0					
2330	ec110v			1	100	1				AT04100709
0018	ec120v			1	200	1				
0105	ec140v			1	400	1				
0154	ec150v			2	500	1				
0241	ec1100v			2	250	1				AT04100708
0329	ec1200v			2	500	1				
0412	ec1500v			3	250	1				AT04100707
0506	ec11kv			3	500	1				
0554	ec1b01			5	500	1				
0642	ec1b02			5	500	1				
0730	ec1b03			7	250	1				AT04100710
0818	ec1b04			7	250	1				
0906	ec1b03			5	500	1				
0954	ec1b04			5	500	1				
1043	204522	2605	19245	6	125	4			WNO	
1131	204523	3657		7	125	4				
1218	204524	2952		8	125	4				
1306	204525	3727		9	125	4				
1354	204526	2966		10	125	4				
1441	204527	4227		11	125	4				
1528	204528	3040		12	125	4				
1616	204529	4225		13	125	4				
1703	204530	2382		14	125	4				
1741	204531	2717		15	125	4				

Legend: C=Complete R=Reanalyze = High = Low = Reviewed and Acceptable

Batch / Method ID: 522705	Calibration Std. Lot #	Instrument Performance Check (ICAL or CCAL)	
Start Date: 4/15/07	Internal Std. Lot # A70200812	Tune Standard	RT & Ratios Updated
Close Date: 4/11/07	ICV/LCS Lot # A704100710	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
1836	704532	2752	119245	16	125	4	✓	✓	WV	✓

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG
Air Lab Instrument ID: E

Batch / Method ID: <u>ECID 701</u>		Calibration Std. Lot # <u>AT04100708</u>		Instrument Performance Check (ICAL or CCAL)	
Start Date: <u>4/18/07</u>		Internal Std. Lot # <u>AT0200812</u>		Tune Standard ☒ RT & Ratios Updated	
Close Date: <u>4/19/07</u>		IC/VLCS Lot # <u>AT04100710</u>		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
1342	EC105PV		NA	1	250	124	✓	✓	WNO	all good
1450	EC1100V			2	250		✓	✓		
1537	EC1100V			2	250		✓	✓		
1625	EC1100V			3	500		✓	✓		
1712	EC105PV			4	125	4	✓	✓		
1800	205403	4326	119362	5	125	4	✓	✓		
1847	205412	3434	↓	6	125	4	✓	✓		
	206826			7	125	4				
	206872			8	125	4				
	206882			9	125	4				
	206883			10	125	4				
	206886			11	125	4				
	206887			12						
				13						
				14						
				15						
				16						
				17						
				18						
				19						
				20						
				21						
				22						
				23						
				24						
				25						
				26						
				27						
				28						
				29						
				30						

Legend: C=Complete R=Reanalyze = High = Low = Reviewed and Acceptable



QC Summary - TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041707LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		9.6	96	70-130
1,2-Dichlorotetrafluoro	10		11	110	70-130
Chloromethane	10		11	110	70-130
Vinyl Chloride	10		10	100	70-130
1,3-Butadiene	10		9.9	99	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		8.9	89	70-130
Bromoethene	10		9.6	96	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		10	100	70-130
1,1-Dichloroethene	10		9.5	95	70-130
Acetone	10		9.3	93	70-130
Isopropyl Alcohol	10		7.9	79	70-130
Carbon Disulfide	10		8.4	84	70-130
3-Chloropropene	10		8.0	80	70-130
Methylene Chloride	10		8.8	88	70-130
tert-Butyl Alcohol	10		8.5	85	70-130
Methyl tert-Butyl Ether	10		9.6	96	70-130
trans-1,2-Dichloroethen	10		8.8	88	70-130
n-Hexane	10		7.8	78	70-130
1,1-Dichloroethane	10		8.6	86	70-130
1,2-Dichloroethene (tot	20		17	85	70-130
Methyl Ethyl Ketone	10		8.4	84	70-130
cis-1,2-Dichloroethene	10		8.7	87	70-130
Tetrahydrofuran	10		7.6	76	70-130
Chloroform	10		9.3	93	70-130
1,1,1-Trichloroethane	10		10	100	70-130
Cyclohexane	10		8.6	86	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041707LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon Tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		8.3	83	70-130
Benzene	10		8.3	83	70-130
1,2-Dichloroethane	10		10	100	70-130
n-Heptane	10		7.9	79	70-130
Trichloroethene	10		9.1	91	70-130
1,2-Dichloropropane	10		7.9	79	70-130
1,4-Dioxane	10		7.7	77	70-130
Bromodichloromethane	10		10	100	70-130
cis-1,3-Dichloropropene	10		8.7	87	70-130
Methyl Isobutyl Ketone	10		8.9	89	70-130
Toluene	10		8.6	86	70-130
trans-1,3-Dichloroprope	10		9.2	92	70-130
1,1,2-Trichloroethane	10		7.9	79	70-130
Tetrachloroethene	10		11	110	70-130
Methyl Butyl Ketone	10		9.2	92	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		8.8	88	70-130
Chlorobenzene	10		8.6	86	70-130
Ethylbenzene	10		8.9	89	70-130
Xylene (m,p)	20		18	90	70-130
Xylene (o)	10		8.6	86	70-130
Xylene (total)	30		26	87	70-130
Styrene	10		9.1	91	70-130
Bromoform	10		12	120	70-130
1,1,2,2-Tetrachloroetha	10		8.0	80	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		9.0	90	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041707LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
2-Chlorotoluene	10		9.5	95	70-130
1,2,4-Trimethylbenzene	10		9.5	95	70-130
1,3-Dichlorobenzene	10		9.8	98	70-130
1,4-Dichlorobenzene	10		9.7	97	70-130
1,2-Dichlorobenzene	10		9.3	93	70-130
1,2,4-Trichlorobenzene	10		8.6	86	70-130
Hexachlorobutadiene	10		8.2	82	70-130
Naphthalene	10		7.6	76	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041707LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	10	10	100	4	25	70-130
1,2-Dichlorotetrafluoro	10	11	110	0	25	70-130
Chloromethane	10	11	110	0	25	70-130
Vinyl Chloride	10	10	100	0	25	70-130
1,3-Butadiene	10	9.7	97	2	25	70-130
Bromomethane	10	9.9	99	1	25	70-130
Chloroethane	10	8.6	86	3	25	70-130
Bromoethene	10	9.6	96	0	25	70-130
Trichlorofluoromethane	10	11	110	0	25	70-130
Freon TF	10	10	100	0	25	70-130
1,1-Dichloroethene	10	9.6	96	1	25	70-130
Acetone	10	9.8	98	5	25	70-130
Isopropyl Alcohol	10	8.3	83	5	25	70-130
Carbon Disulfide	10	8.7	87	4	25	70-130
3-Chloropropene	10	8.3	83	4	25	70-130
Methylene Chloride	10	9.0	90	2	25	70-130
tert-Butyl Alcohol	10	9.0	90	6	25	70-130
Methyl tert-Butyl Ether	10	10	100	4	25	70-130
trans-1,2-Dichloroethen	10	8.8	88	0	25	70-130
n-Hexane	10	8.1	81	4	25	70-130
1,1-Dichloroethane	10	8.7	87	1	25	70-130
1,2-Dichloroethene (tot	20	17	85	0	25	70-130
Methyl Ethyl Ketone	10	8.9	89	6	25	70-130
cis-1,2-Dichloroethene	10	8.6	86	1	25	70-130
Tetrahydrofuran	10	8.0	80	5	25	70-130
Chloroform	10	9.3	93	0	25	70-130
1,1,1-Trichloroethane	10	10	100	0	25	70-130
Cyclohexane	10	8.6	86	0	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041707LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
=====	=====	=====	=====	=====	RPD	REC.
Carbon Tetrachloride	10	11	110	0	25	70-130
2,2,4-Trimethylpentane	10	8.6	86	4	25	70-130
Benzene	10	8.3	83	0	25	70-130
1,2-Dichloroethane	10	10	100	0	25	70-130
n-Heptane	10	8.1	81	2	25	70-130
Trichloroethene	10	9.1	91	0	25	70-130
1,2-Dichloropropane	10	8.2	82	4	25	70-130
1,4-Dioxane	10	7.9	79	2	25	70-130
Bromodichloromethane	10	10	100	0	25	70-130
cis-1,3-Dichloropropene	10	8.9	89	2	25	70-130
Methyl Isobutyl Ketone	10	9.4	94	5	25	70-130
Toluene	10	8.6	86	0	25	70-130
trans-1,3-Dichloroprope	10	9.3	93	1	25	70-130
1,1,2-Trichloroethane	10	8.0	80	1	25	70-130
Tetrachloroethene	10	10	100	10	25	70-130
Methyl Butyl Ketone	10	9.7	97	5	25	70-130
Dibromochloromethane	10	11	110	0	25	70-130
1,2-Dibromoethane	10	8.8	88	0	25	70-130
Chlorobenzene	10	8.5	85	1	25	70-130
Ethylbenzene	10	9.0	90	1	25	70-130
Xylene (m,p)	20	18	90	0	25	70-130
Xylene (o)	10	8.5	85	1	25	70-130
Xylene (total)	30	26	87	0	25	70-130
Styrene	10	9.1	91	0	25	70-130
Bromoform	10	12	120	0	25	70-130
1,1,2,2-Tetrachloroetha	10	8.1	81	1	25	70-130
4-Ethyltoluene	10	10	100	10	25	70-130
1,3,5-Trimethylbenzene	10	9.2	92	2	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041707LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
2-Chlorotoluene	10	9.5	95	0	25	70-130
1,2,4-Trimethylbenzene	10	9.5	95	0	25	70-130
1,3-Dichlorobenzene	10	9.5	95	3	25	70-130
1,4-Dichlorobenzene	10	9.5	95	2	25	70-130
1,2-Dichlorobenzene	10	9.1	91	2	25	70-130
1,2,4-Trichlorobenzene	10	8.3	83	4	25	70-130
Hexachlorobutadiene	10	8.0	80	2	25	70-130
Naphthalene	10	7.3	73	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 64 outside limits

Spike Recovery: 0 out of 128 outside limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041807LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		14	140*	70-130
1,2-Dichlorotetrafluoro	10		12	120	70-130
Chloromethane	10		9.8	98	70-130
Vinyl Chloride	10		9.6	96	70-130
1,3-Butadiene	10		9.8	98	70-130
Bromomethane	10		10	100	70-130
Chloroethane	10		11	110	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		11	110	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		13	130	70-130
Isopropyl Alcohol	10		12	120	70-130
Carbon Disulfide	10		12	120	70-130
3-Chloropropene	10		12	120	70-130
Methylene Chloride	10		13	130	70-130
tert-Butyl Alcohol	10		12	120	70-130
Methyl tert-Butyl Ether	10		12	120	70-130
trans-1,2-Dichloroethen	10		12	120	70-130
n-Hexane	10		12	120	70-130
1,1-Dichloroethane	10		12	120	70-130
1,2-Dichloroethene (tot	20		23	115	70-130
Methyl Ethyl Ketone	10		12	120	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
Tetrahydrofuran	10		11	110	70-130
Chloroform	10		12	120	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Cyclohexane	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041807LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Carbon Tetrachloride	10		11	110	70-130
2,2,4-Trimethylpentane	10		12	120	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethane	10		11	110	70-130
n-Heptane	10		11	110	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		11	110	70-130
1,4-Dioxane	10		9.4	94	70-130
Bromodichloromethane	10		11	110	70-130
cis-1,3-Dichloropropene	10		11	110	70-130
Methyl Isobutyl Ketone	10		12	120	70-130
Toluene	10		10	100	70-130
trans-1,3-Dichloroprope	10		11	110	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		8.3	83	70-130
Methyl Butyl Ketone	10		13	130	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		9.8	98	70-130
Chlorobenzene	10		9.0	90	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.5	95	70-130
Xylene (total)	30		28	93	70-130
Styrene	10		10	100	70-130
Bromoform	10		10	100	70-130
1,1,2,2-Tetrachloroetha	10		10	100	70-130
4-Ethyltoluene	10		11	110	70-130
1,3,5-Trimethylbenzene	10		9.9	99	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041807LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
2-Chlorotoluene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		10	100	70-130
1,3-Dichlorobenzene	10		8.5	85	70-130
1,4-Dichlorobenzene	10		8.5	85	70-130
1,2-Dichlorobenzene	10		8.2	82	70-130
1,2,4-Trichlorobenzene	10		7.4	74	70-130
Hexachlorobutadiene	10		8.7	87	70-130
Naphthalene	10		8.2	82	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041807LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	10	14	140*	0	25	70-130
1,2-Dichlorotetrafluoro	10	13	130	8	25	70-130
Chloromethane	10	10	100	2	25	70-130
Vinyl Chloride	10	9.9	99	3	25	70-130
1,3-Butadiene	10	10	100	2	25	70-130
Bromomethane	10	10	100	0	25	70-130
Chloroethane	10	11	110	0	25	70-130
Bromoethene	10	11	110	10	25	70-130
Trichlorofluoromethane	10	12	120	9	25	70-130
Freon TF	10	12	120	0	25	70-130
1,1-Dichloroethene	10	12	120	0	25	70-130
Acetone	10	13	130	0	25	70-130
Isopropyl Alcohol	10	12	120	0	25	70-130
Carbon Disulfide	10	12	120	0	25	70-130
3-Chloropropene	10	12	120	0	25	70-130
Methylene Chloride	10	13	130	0	25	70-130
tert-Butyl Alcohol	10	11	110	9	25	70-130
Methyl tert-Butyl Ether	10	12	120	0	25	70-130
trans-1,2-Dichloroethene	10	12	120	0	25	70-130
n-Hexane	10	12	120	0	25	70-130
1,1-Dichloroethane	10	12	120	0	25	70-130
1,2-Dichloroethene (tot	20	23	115	0	25	70-130
Methyl Ethyl Ketone	10	13	130	8	25	70-130
cis-1,2-Dichloroethene	10	11	110	0	25	70-130
Tetrahydrofuran	10	11	110	0	25	70-130
Chloroform	10	11	110	9	25	70-130
1,1,1-Trichloroethane	10	11	110	0	25	70-130
Cyclohexane	10	10	100	0	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041807LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Carbon Tetrachloride	10	11	110	0	25	70-130
2,2,4-Trimethylpentane	10	11	110	9	25	70-130
Benzene	10	10	100	0	25	70-130
1,2-Dichloroethane	10	11	110	0	25	70-130
n-Heptane	10	11	110	0	25	70-130
Trichloroethene	10	10	100	0	25	70-130
1,2-Dichloropropane	10	11	110	0	25	70-130
1,4-Dioxane	10	9.4	94	0	25	70-130
Bromodichloromethane	10	11	110	0	25	70-130
cis-1,3-Dichloropropene	10	11	110	0	25	70-130
Methyl Isobutyl Ketone	10	12	120	0	25	70-130
Toluene	10	10	100	0	25	70-130
trans-1,3-Dichloroprope	10	11	110	0	25	70-130
1,1,2-Trichloroethane	10	9.9	99	1	25	70-130
Tetrachloroethene	10	8.0	80	4	25	70-130
Methyl Butyl Ketone	10	12	120	8	25	70-130
Dibromochloromethane	10	10	100	10	25	70-130
1,2-Dibromoethane	10	9.6	96	2	25	70-130
Chlorobenzene	10	8.8	88	2	25	70-130
Ethylbenzene	10	10	100	10	25	70-130
Xylene (m,p)	20	19	95	0	25	70-130
Xylene (o)	10	9.2	92	3	25	70-130
Xylene (total)	30	28	93	0	25	70-130
Styrene	10	9.8	98	2	25	70-130
Bromoform	10	10	100	0	25	70-130
1,1,2,2-Tetrachloroetha	10	10	100	0	25	70-130
4-Ethyltoluene	10	11	110	0	25	70-130
1,3,5-Trimethylbenzene	10	9.9	99	0	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: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix Spike - Sample No.: CA041807LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
2-Chlorotoluene	10	11	110	0	25	70-130
1,2,4-Trimethylbenzene	10	10	100	0	25	70-130
1,3-Dichlorobenzene	10	8.4	84	1	25	70-130
1,4-Dichlorobenzene	10	8.4	84	1	25	70-130
1,2-Dichlorobenzene	10	8.1	81	1	25	70-130
1,2,4-Trichlorobenzene	10	6.8	68*	8	25	70-130
Hexachlorobutadiene	10	8.3	83	5	25	70-130
Naphthalene	10	7.5	75	9	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 64 outside limits

Spike Recovery: 3 out of 128 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK041707CA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Lab File ID: CFJB01C

Lab Sample ID: MBLK041707CA

Date Analyzed: 04/17/07

Time Analyzed: 1431

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	CA041707LCS	CA041707LCS	CFJ10CQ	1304
02	CA041707LCSD	CA041707LCSD	CFJ10CQD	1347
03	SS-1	705402	705402D	0445
04	IA-1	705403	705403	0529
05	SS-2	705404	705404D	0612
06				
07				
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COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK041807CA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Lab File ID: CFJB01D

Lab Sample ID: MBLK041807CA

Date Analyzed: 04/18/07

Time Analyzed: 1443

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	CA041807LCS	CA041807LCS	CFJ10DQ	1317
02	CA041807LCSD	CA041807LCSD	CFJ10DQD	1400
03	UW-1	705412	705412	1624
04	IA-2	705405	705405	2001
05	SS-3	705406	705406	2045
06	IA-3	705407	705407	2128
07	SS-4	705408	705408	2211
08	IA-4	705409	705409	2255
09	SS-5	705410	705410	2338
10	IA-5	705411	705411D2	0903
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COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 27000
Lab Code: STLVT Case No.: 27000 SAS No.: SDG No.: NY119362
Lab File ID: CFJ01PV BFB Injection Date: 04/12/07
Instrument ID: C BFB Injection Time: 1201
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	19.1
75	30.0 - 66.0% of mass 95	57.3
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	0.4 (0.6)1
174	50.0 - 120.0% of mass 95	63.4
175	4.0 - 9.0% of mass 174	4.5 (7.1)1
176	93.0 - 101.0% of mass 174	61.7 (97.2)1
177	5.0 - 9.0% of mass 176	4.2 (6.7)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	ASTD002	ASTD002	CFJ002V	04/12/07	1322
02	ASTD005	ASTD005	CFJ005V	04/12/07	1405
03	ASTD05	ASTD05	CFJ05V	04/12/07	1448
04	ASTD10	ASTD10	CFJ10V	04/12/07	1532
05	ASTD15	ASTD15	CFJ15V	04/12/07	1615
06	ASTD20	ASTD20	CFJ20V	04/12/07	1659
07	ASTD40	ASTD40	CFJ40V	04/12/07	1742
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Lab File ID: CFJ04PV

BFB Injection Date: 04/17/07

Instrument ID: C

BFB Injection Time: 1137

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	18.8
75	30.0 - 66.0% of mass 95	59.7
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 (0.5)1
174	50.0 - 120.0% of mass 95	84.2
175	4.0 - 9.0% of mass 174	6.0 (7.2)1
176	93.0 - 101.0% of mass 174	81.2 (96.5)1
177	5.0 - 9.0% of mass 176	5.2 (6.4)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	ASTD10	ASTD10	CFJ10CV	04/17/07	1221
02	CA041707LCS	CA041707LCS	CFJ10CQ	04/17/07	1304
03	CA041707LCSD	CA041707LCSD	CFJ10CQD	04/17/07	1347
04	MBLK041707CA	MBLK041707CA	CFJB01C	04/17/07	1431
05	SS-1	705402	705402D	04/18/07	0445
06	IA-1	705403	705403	04/18/07	0529
07	SS-2	705404	705404D	04/18/07	0612
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 27000
Lab Code: STLVT Case No.: 27000 SAS No.: SDG No.: NY119362
Lab File ID: CFJ05PV BFB Injection Date: 04/18/07
Instrument ID: C BFB Injection Time: 1146
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	21.1
75	30.0 - 66.0% of mass 95	62.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.2 (0.4)1
174	50.0 - 120.0% of mass 95	58.0
175	4.0 - 9.0% of mass 174	4.1 (7.0)1
176	93.0 - 101.0% of mass 174	56.3 (97.1)1
177	5.0 - 9.0% of mass 176	3.8 (6.8)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	ASTD10	ASTD10	CFJ10DV	04/18/07	1233
02	CA041807LCS	CA041807LCS	CFJ10DQ	04/18/07	1317
03	CA041807LCSD	CA041807LCSD	CFJ10DQD	04/18/07	1400
04	MBLK041807CA	MBLK041807CA	CFJB01D	04/18/07	1443
05	UW-1	705412	705412	04/18/07	1624
06	IA-2	705405	705405	04/18/07	2001
07	SS-3	705406	705406	04/18/07	2045
08	IA-3	705407	705407	04/18/07	2128
09	SS-4	705408	705408	04/18/07	2211
10	IA-4	705409	705409	04/18/07	2255
11	SS-5	705410	705410	04/18/07	2338
12	IA-5	705411	705411D2	04/19/07	0903
13					
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FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Lab File ID (Standard): CFJ10CV

Date Analyzed: 04/17/07

Instrument ID: C

Time Analyzed: 1221

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	319766	9.03	1459212	9.89	1628856	12.32
UPPER LIMIT	447672	9.36	2042897	10.22	2280398	12.65
LOWER LIMIT	191860	8.70	875527	9.56	977314	11.99
=====	=====	=====	=====	=====	=====	=====
CLIENT						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 CA041707LCS	358502	9.03	1678161	9.89	1797045	12.32
02 CA041707LCSD	352346	9.03	1653658	9.89	1768019	12.32
03 MBLK041707CA	256906	9.03	1179922	9.89	1045211	12.32
04 SS-1	241454	9.02	1292342	9.88	1351166	12.31
05 IA-1	220566	9.02	1149812	9.88	1108574	12.31
06 SS-2	209241	9.02	1133411	9.88	1178854	12.31
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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.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Lab File ID (Standard): CFJ10DV

Date Analyzed: 04/18/07

Instrument ID: C

Time Analyzed: 1233

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	214184	9.02	1100692	9.88	1159451	12.31
UPPER LIMIT	299858	9.35	1540969	10.21	1623231	12.64
LOWER LIMIT	128510	8.69	660415	9.55	695671	11.98
=====	=====	=====	=====	=====	=====	=====
CLIENT						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 CA041807LCS	234878	9.02	1226832	9.88	1266159	12.31
02 CA041807LCSD	224890	9.02	1182914	9.88	1251601	12.31
03 MBLK041807CA	221008	9.02	1177011	9.88	1005917	12.31
04 UW-1	185495	9.02	997691	9.88	960590	12.31
05 IA-2	186561	9.02	986098	9.88	867650	12.31
06 SS-3	187676	9.02	1027911	9.88	1065270	12.31
07 IA-3	184532	9.02	964675	9.88	828131	12.31
08 SS-4	172788	9.02	918682	9.88	851925	12.31
09 IA-4	199444	9.02	1076790	9.88	971315	12.31
10 SS-5	193020	9.01	1040450	9.88	1094030	12.31
11 IA-5	175359	9.01	963238	9.88	881236	12.31
12						
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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.



Supportive Documentation - TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705403

Sample wt/vol: 250.0 (g/mL) ML

Lab File ID: 705403

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 0.8

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	0.68	
76-14-2-----	1,2-Dichlorotetrafluoroethane	0.16	U
74-87-3-----	Chloromethane	0.48	
75-01-4-----	Vinyl Chloride	0.16	U
106-99-0-----	1,3-Butadiene	0.40	U
74-83-9-----	Bromomethane	0.16	U
75-00-3-----	Chloroethane	0.40	U
593-60-2-----	Bromoethene	0.16	U
75-69-4-----	Trichlorofluoromethane	2.5	
76-13-1-----	Freon TF	0.16	U
75-35-4-----	1,1-Dichloroethene	0.16	U
67-64-1-----	Acetone	9.1	
67-63-0-----	Isopropyl Alcohol	4.0	U
75-15-0-----	Carbon Disulfide	0.40	U
107-05-1-----	3-Chloropropene	0.40	U
75-09-2-----	Methylene Chloride	10	
75-65-0-----	tert-Butyl Alcohol	4.0	U
1634-04-4-----	Methyl tert-Butyl Ether	0.40	U
156-60-5-----	trans-1,2-Dichloroethene	0.16	U
110-54-3-----	n-Hexane	0.40	U
75-34-3-----	1,1-Dichloroethane	0.16	U
540-59-0-----	1,2-Dichloroethene (total)	0.16	U
78-93-3-----	Methyl Ethyl Ketone	1.3	
156-59-2-----	cis-1,2-Dichloroethene	0.16	U
109-99-9-----	Tetrahydrofuran	4.0	U
67-66-3-----	Chloroform	0.16	U
71-55-6-----	1,1,1-Trichloroethane	0.16	U
110-82-7-----	Cyclohexane	0.16	U
56-23-5-----	Carbon Tetrachloride	0.16	U
540-84-1-----	2,2,4-Trimethylpentane	0.16	U
71-43-2-----	Benzene	0.16	U
107-06-2-----	1,2-Dichloroethane	0.16	U
142-82-5-----	n-Heptane	0.16	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705403

Sample wt/vol: 250.0 (g/mL) ML

Lab File ID: 705403

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 0.8

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

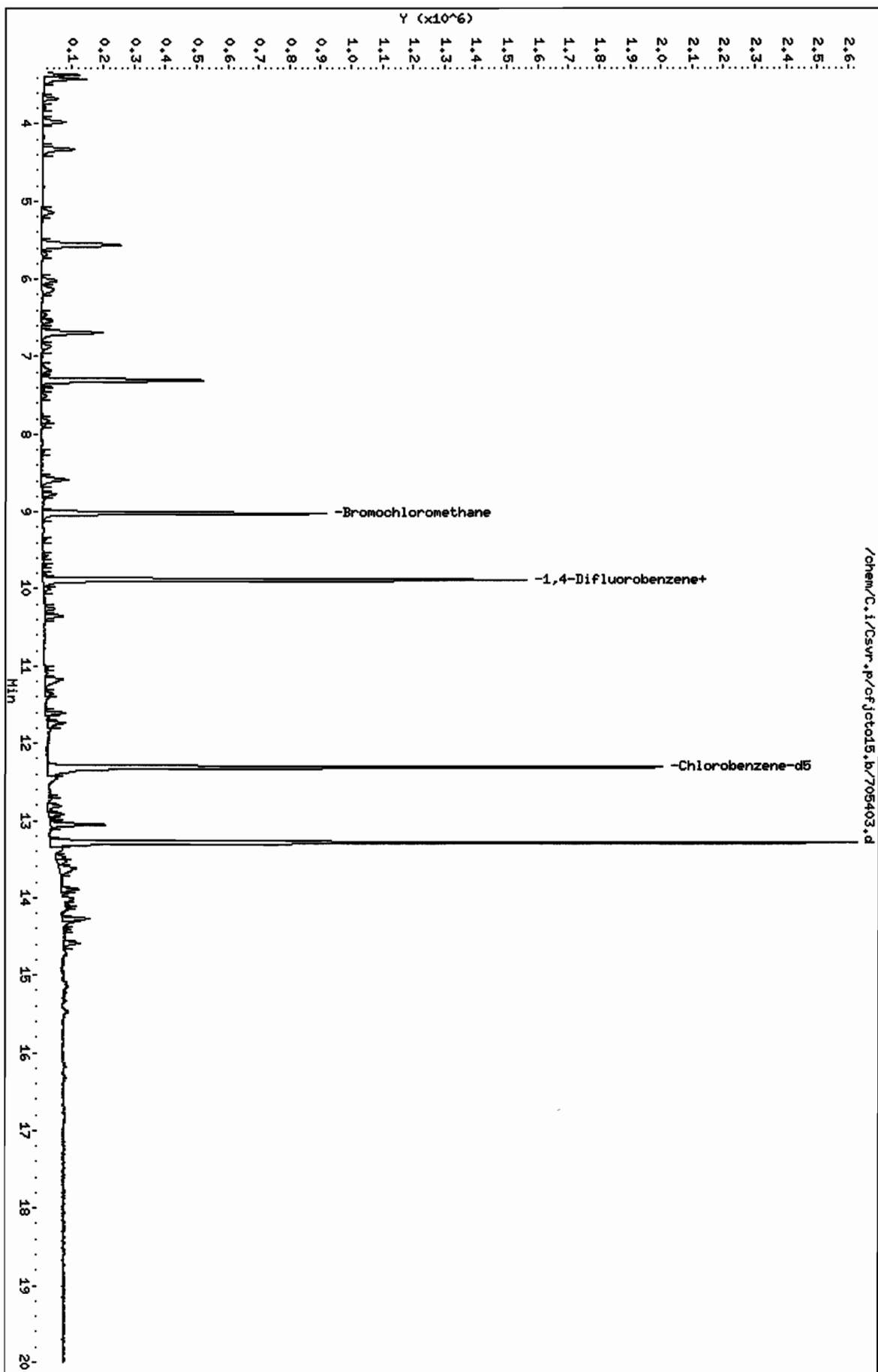
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	0.16	U
78-87-5-----	1,2-Dichloropropane	0.16	U
123-91-1-----	1,4-Dioxane	4.0	U
75-27-4-----	Bromodichloromethane	0.16	U
10061-01-5-----	cis-1,3-Dichloropropene	0.16	U
108-10-1-----	Methyl Isobutyl Ketone	0.40	U
108-88-3-----	Toluene	0.40	U
10061-02-6-----	trans-1,3-Dichloropropene	0.16	U
79-00-5-----	1,1,2-Trichloroethane	0.16	U
127-18-4-----	Tetrachloroethene	0.25	U
591-78-6-----	Methyl Butyl Ketone	0.40	U
124-48-1-----	Dibromochloromethane	0.16	U
106-93-4-----	1,2-Dibromoethane	0.16	U
108-90-7-----	Chlorobenzene	0.16	U
100-41-4-----	Ethylbenzene	0.16	U
1330-20-7-----	Xylene (m,p)	0.40	U
95-47-6-----	Xylene (o)	0.16	U
1330-20-7-----	Xylene (total)	0.16	U
100-42-5-----	Styrene	0.16	U
75-25-2-----	Bromoform	0.16	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8-----	4-Ethyltoluene	0.16	U
108-67-8-----	1,3,5-Trimethylbenzene	0.16	U
95-49-8-----	2-Chlorotoluene	0.16	U
95-63-6-----	1,2,4-Trimethylbenzene	0.16	U
541-73-1-----	1,3-Dichlorobenzene	0.16	U
106-46-7-----	1,4-Dichlorobenzene	0.16	U
95-50-1-----	1,2-Dichlorobenzene	0.16	U
120-82-1-----	1,2,4-Trichlorobenzene	0.40	U
87-68-3-----	Hexachlorobutadiene	0.16	U
91-20-3-----	Naphthalene	0.40	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjcto15.b/705403.d
Date : 18-APR-2007 05:29
Client ID: Iq-1
Sample Info: Iq-1 : I 103/29/07 @ (AIR)
Purge Volume: 250.0
Column phase: RTX-624

Instrument: C.i
Operator: urd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjcto15.b/705403.d
Lab Smp Id: 705403 Client Smp ID: IA-1
Inj Date : 18-APR-2007 05:29
Operator : wrd Inst ID: C.i
Smp Info : IA-1 :[]03/29/07 @ (AIR)
Misc Info : 705403;041707CA;.8;250
Comment :
Method : /chem/C.i/Csvr.p/cfjcto15.b/rto15.m
Meth Date : 19-Apr-2007 13:16 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 8
Dil Factor: 0.80000
Integrator: HP RTE Compound Sublist: TO15all+N.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	0.80000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	250.00000	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	3.420	3.431	(0.379)	122702	0.85557	0.68
2 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
3 Chloromethane	50	3.783	3.799	(0.419)	13528	0.59484	0.48
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	5.566	5.576	(0.617)	373904	3.08242	2.5
10 Freon TF	101	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	6.692	6.697	(0.742)	386001	11.3411	9.1
13 Isopropyl Alcohol	45	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
15 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.306	7.316	(0.810)	392700	12.6249	10
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	8.768	8.773	(0.972)	17426	1.56915	1.3 (Q)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.029	(1.000)	220566	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
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	9.883	9.889	(1.000)	1149812	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	Compound Not Detected.					
43 Toluene	92	11.170	11.175	(0.908)	29665	0.50461	0.40
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	11.607	11.613	(0.943)	15301	0.30666	0.25
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.306	12.317	(1.000)	1108574	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.					
M 55 Xylene (total)	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.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
=====	----	==	=====	=====	=====	=====	=====
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.		
68 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cfjoto15,b/705403.d

Page 5

Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 :I 103/29/07 @ (AIR)

Purge Volume: 250.0

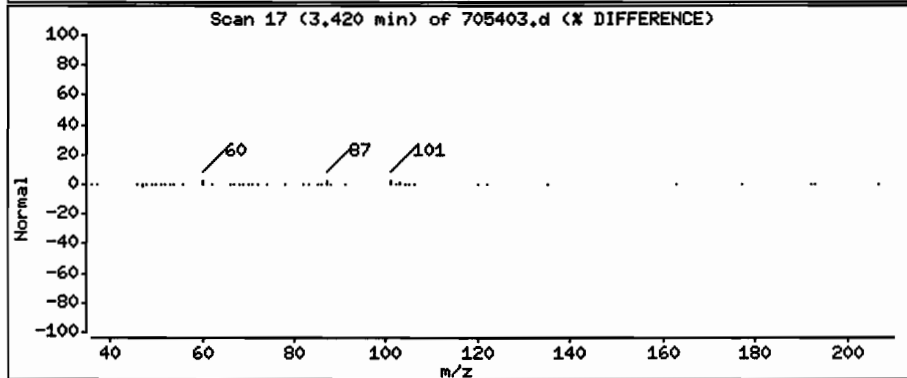
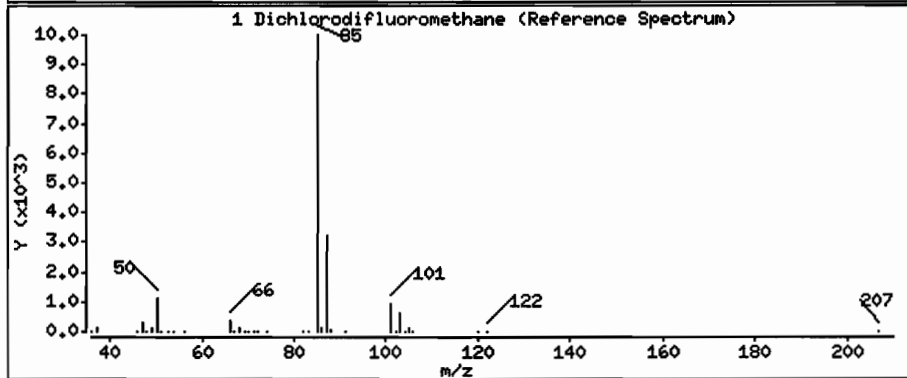
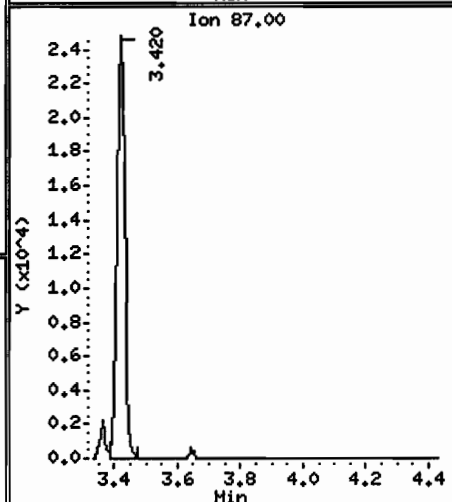
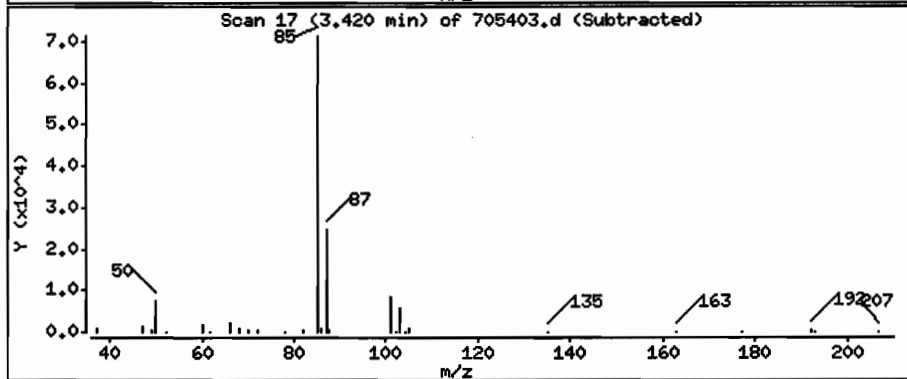
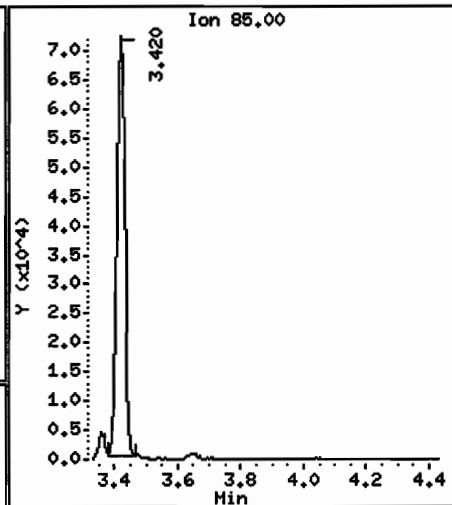
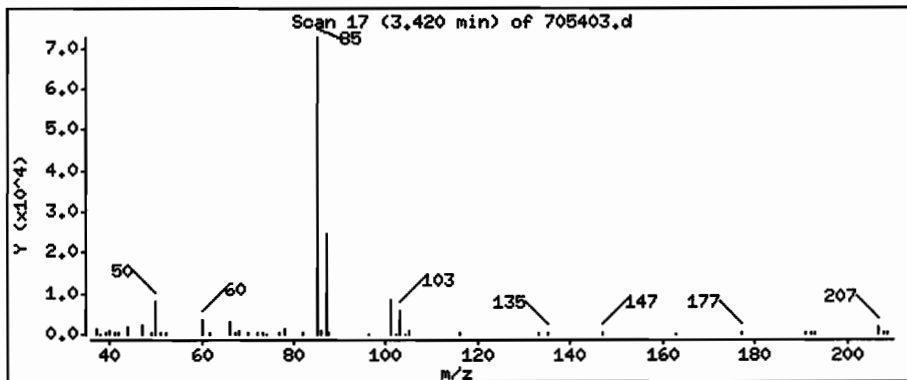
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.68 ppbv



Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 :[103/29/07 @ (AIR)

Purge Volume: 250.0

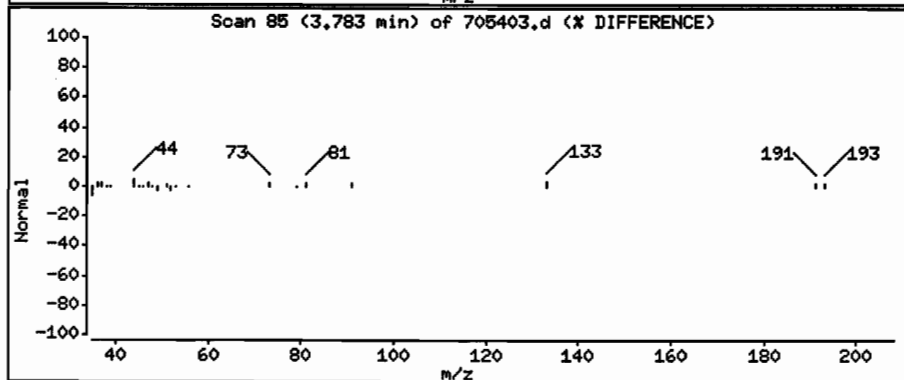
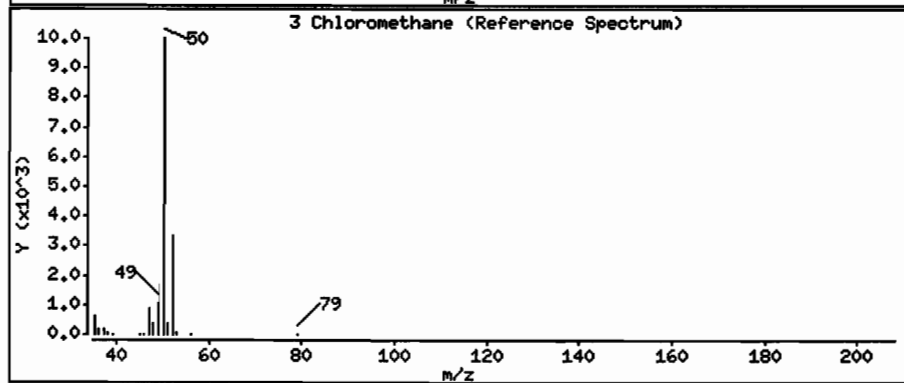
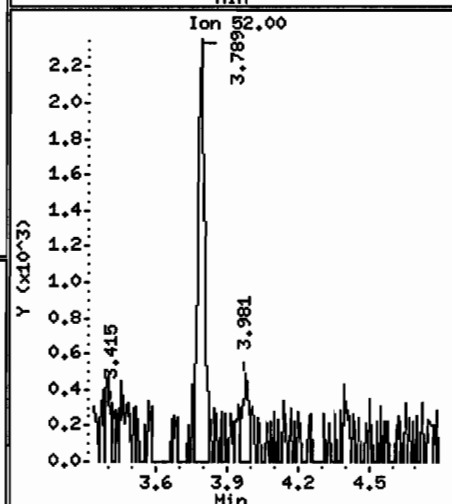
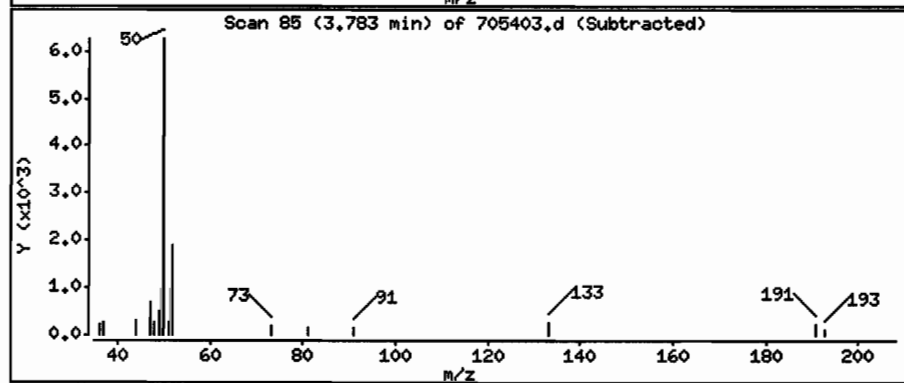
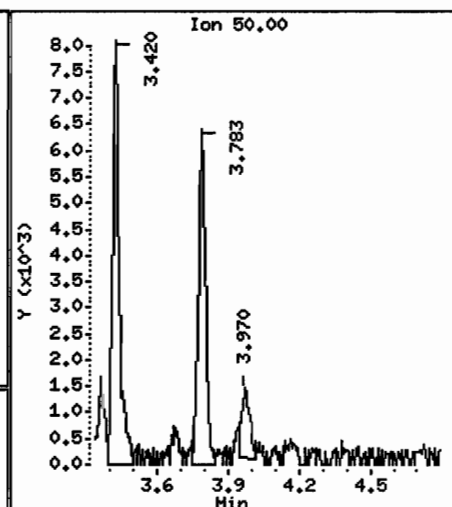
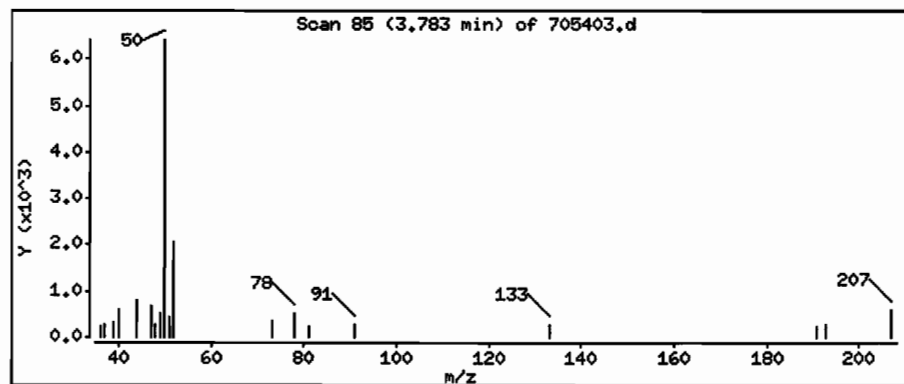
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

3 Chloromethane

Concentration: 0.48 ppbv



Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 :[103/29/07 @ (AIR)

Purge Volume: 250.0

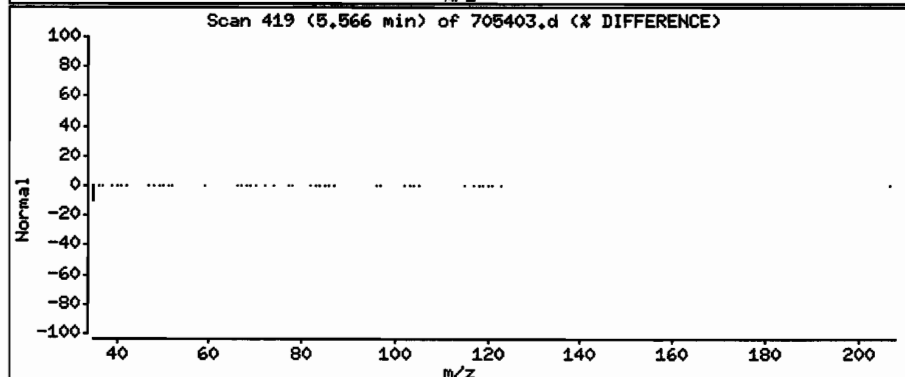
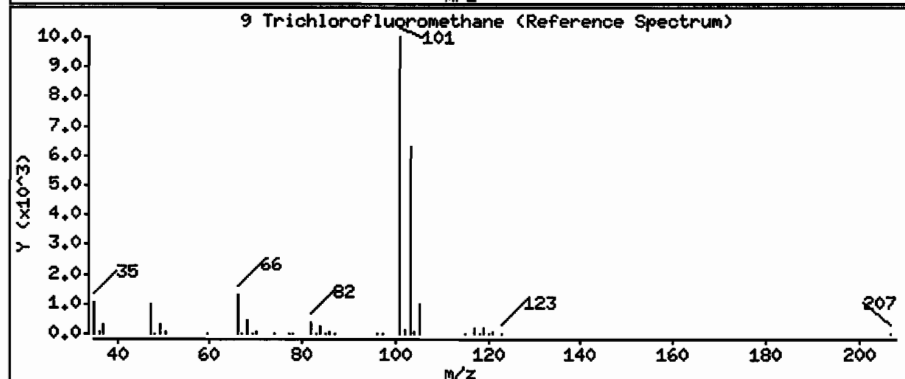
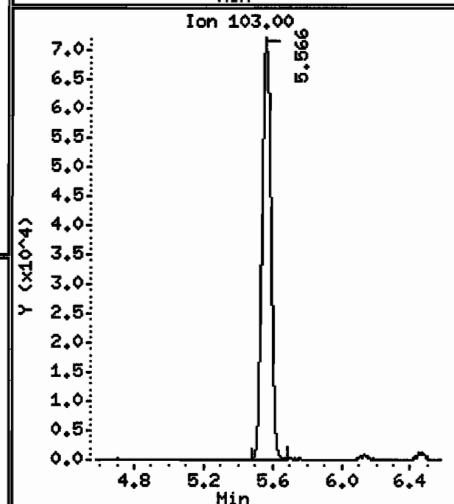
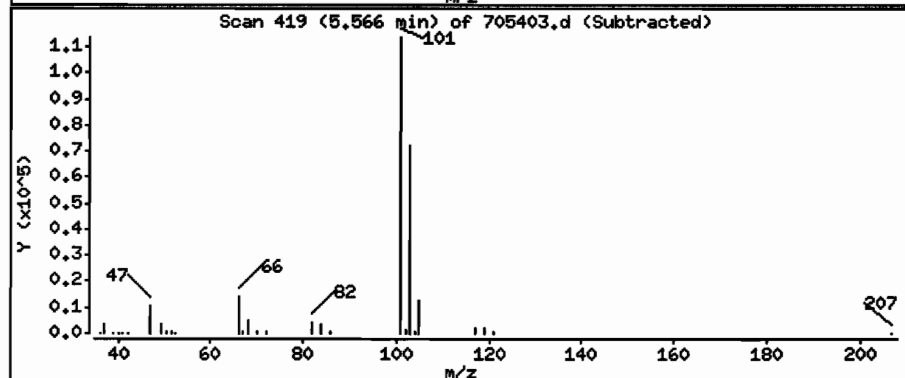
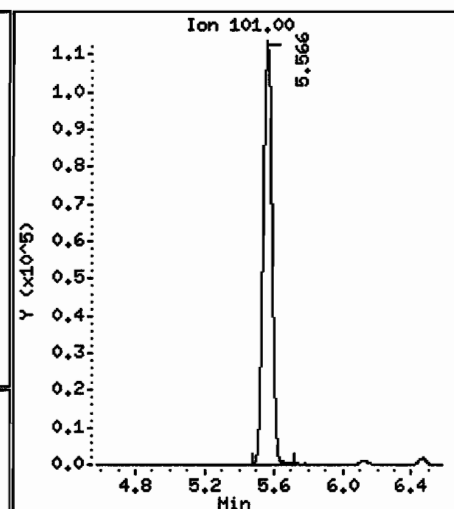
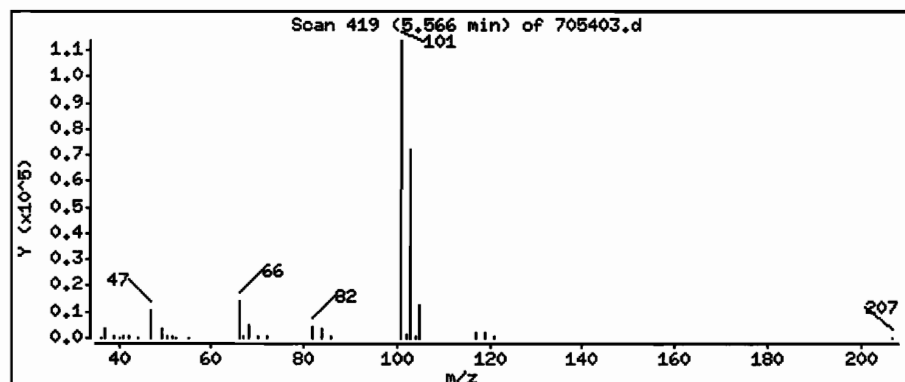
Operator: urd

Column phase: RTX-624

Column diameter: 0.32

9 Trichlorofluoromethane

Concentration: 2.5 ppbv



Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 :I 103/29/07 @ (AIR)

Purge Volume: 250.0

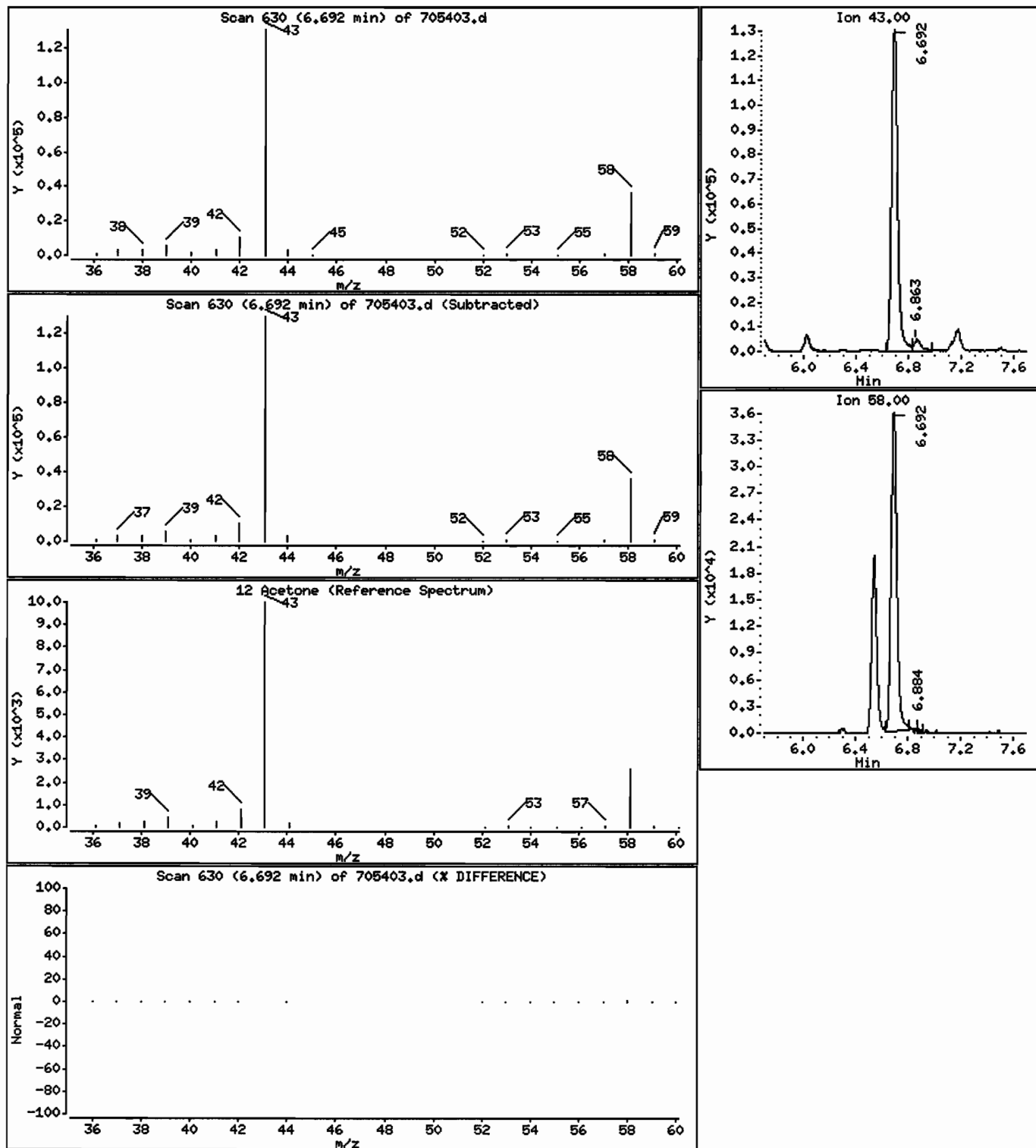
Operator: urd

Column phase: RTX-624

Column diameter: 0.32

12 Acetone

Concentration: 9.1 ppbv



Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 ;[103/29/07 @ (AIR)

Purge Volume: 250.0

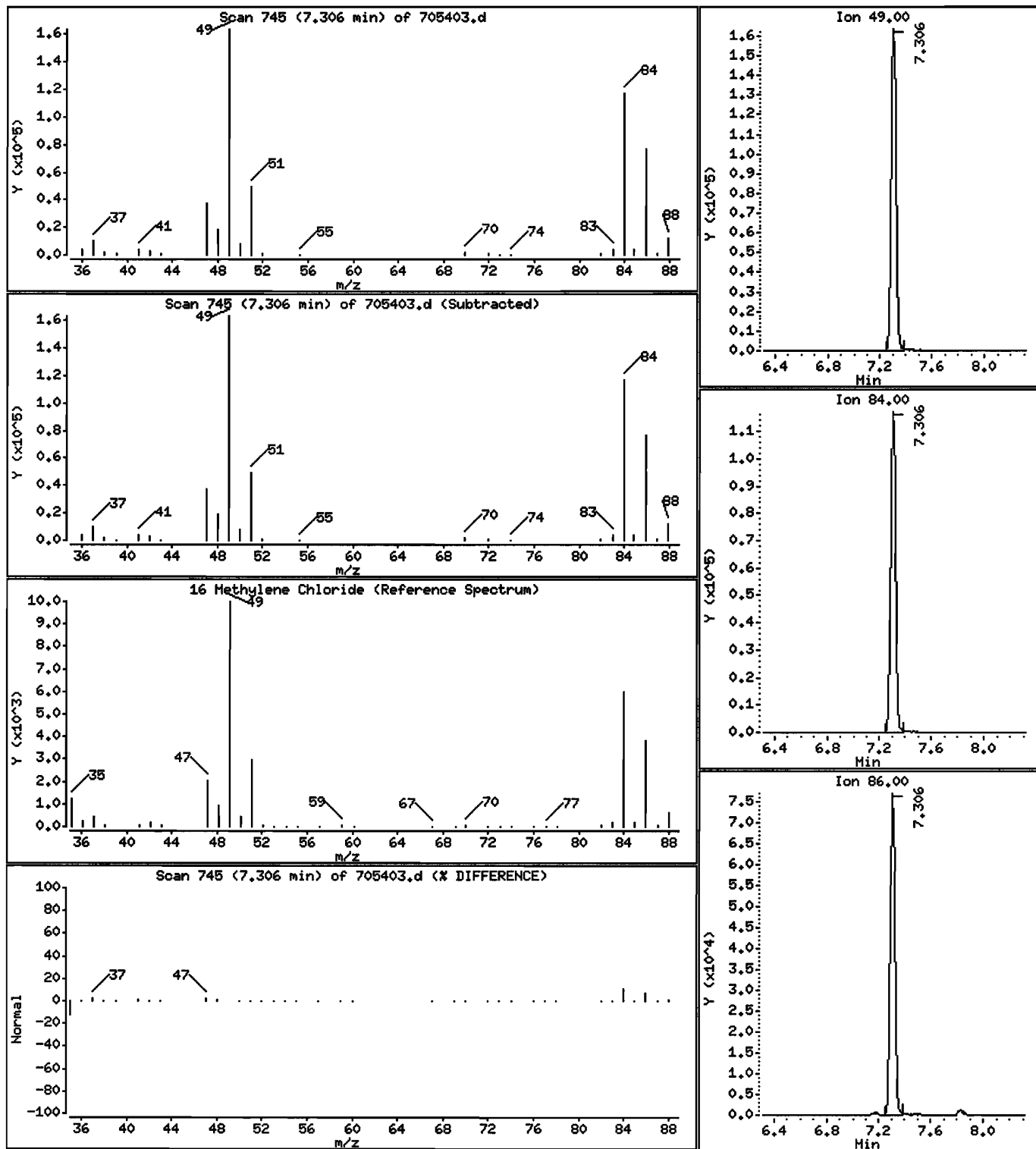
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 10 ppbv



Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 :[103/29/07 @ (AIR)

Purge Volume: 250.0

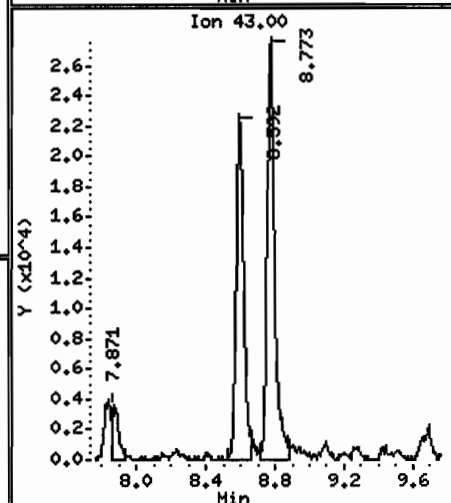
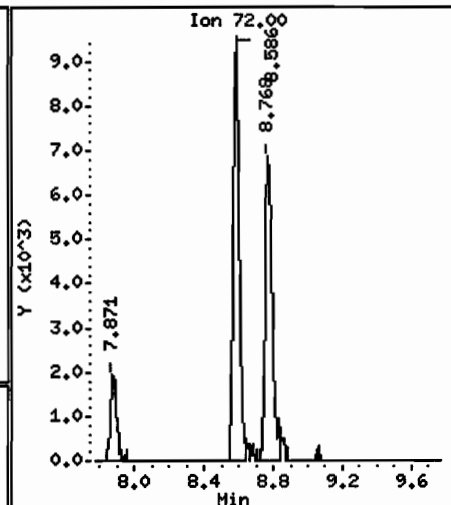
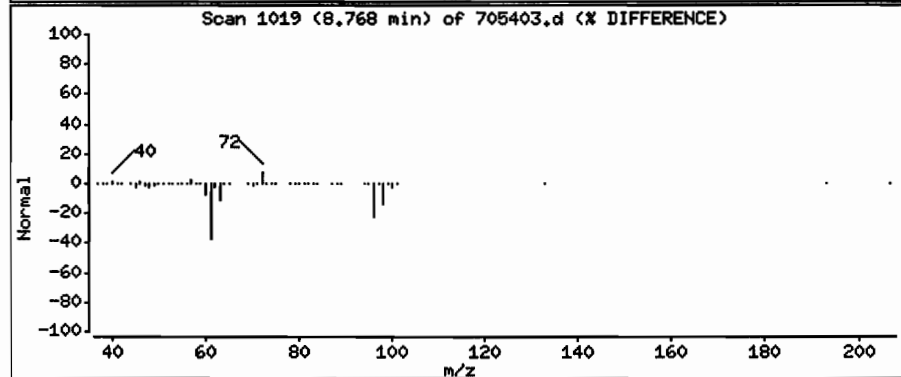
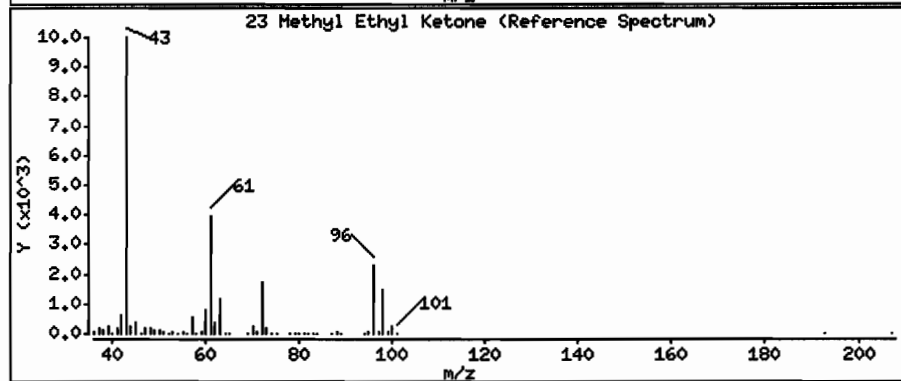
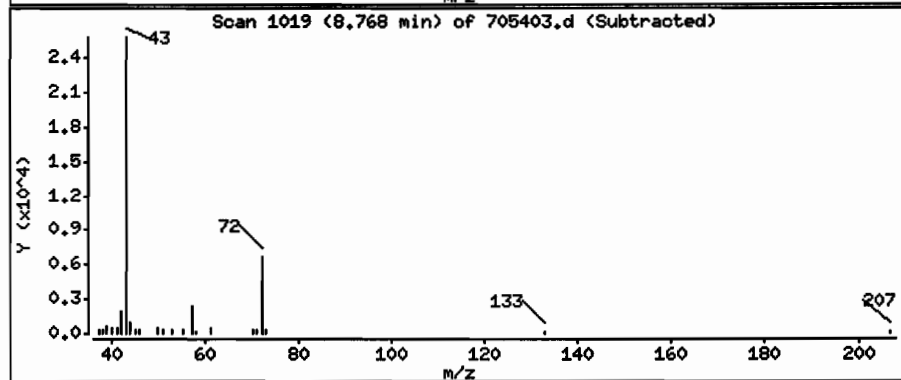
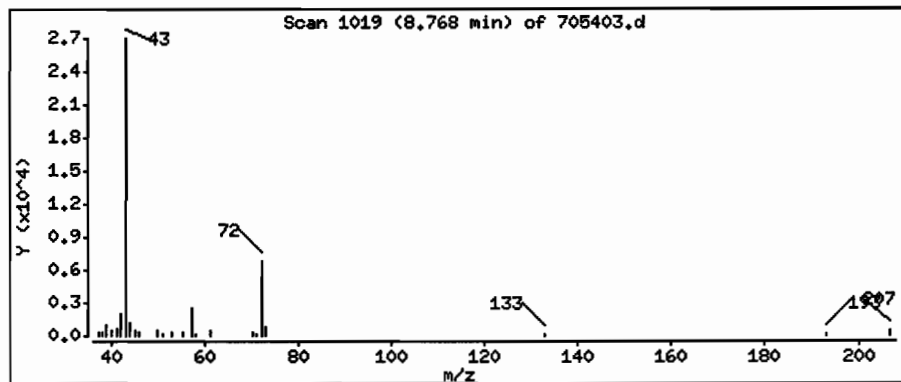
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

23 Methyl Ethyl Ketone

Concentration: 1.3 ppbv



Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 :[103/29/07 @ (AIR)

Purge Volume: 250.0

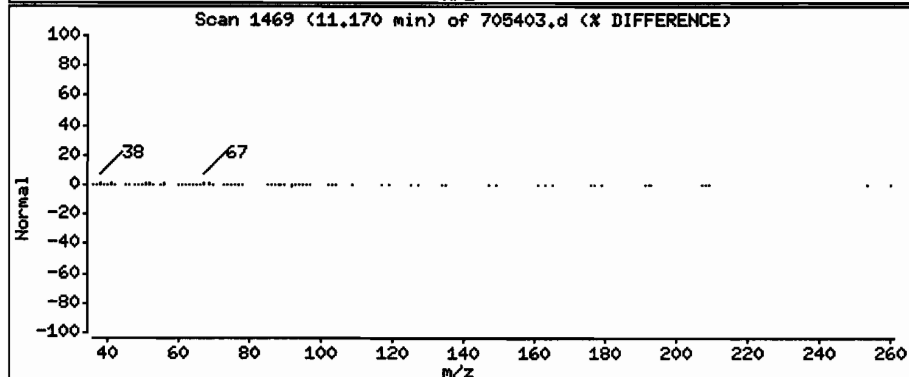
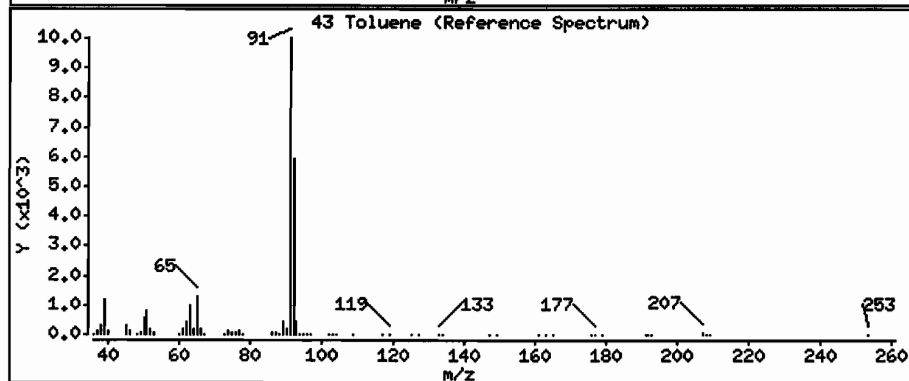
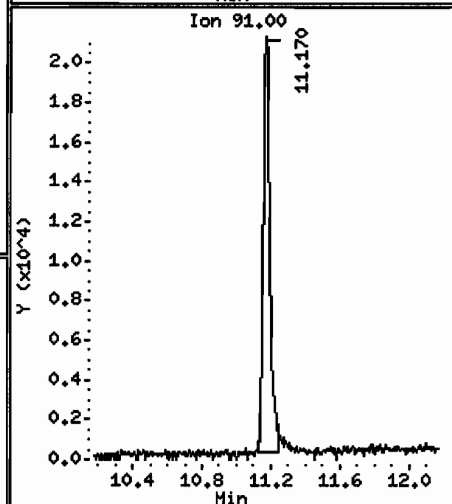
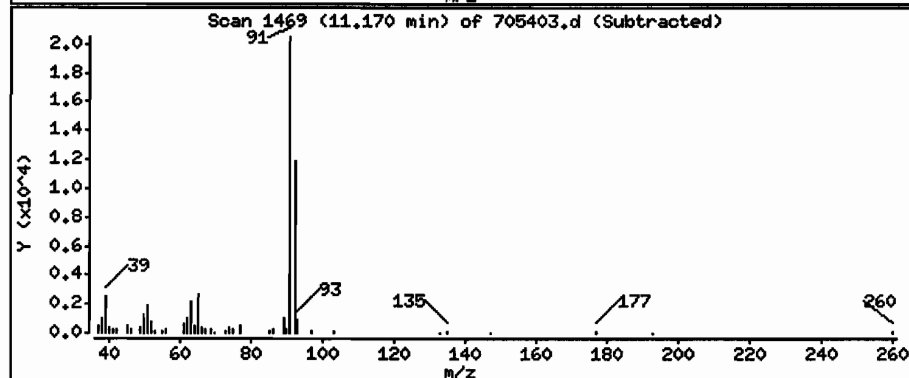
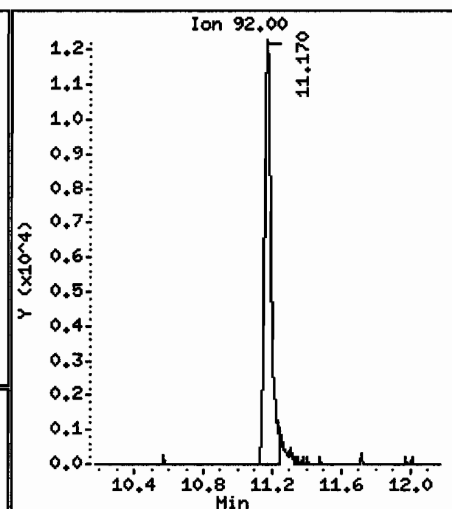
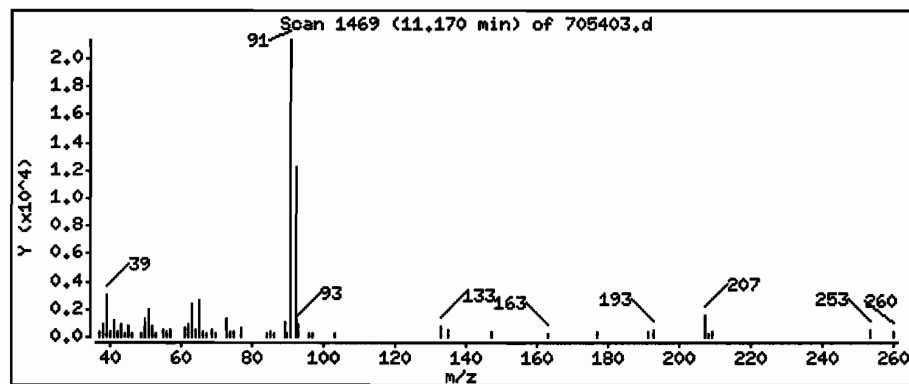
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

43 Toluene

Concentration: 0.40 ppbv



Date : 18-APR-2007 05:29

Client ID: IA-1

Instrument: C.i

Sample Info: IA-1 ;[103/29/07 @ (AIR)

Purge Volume: 250.0

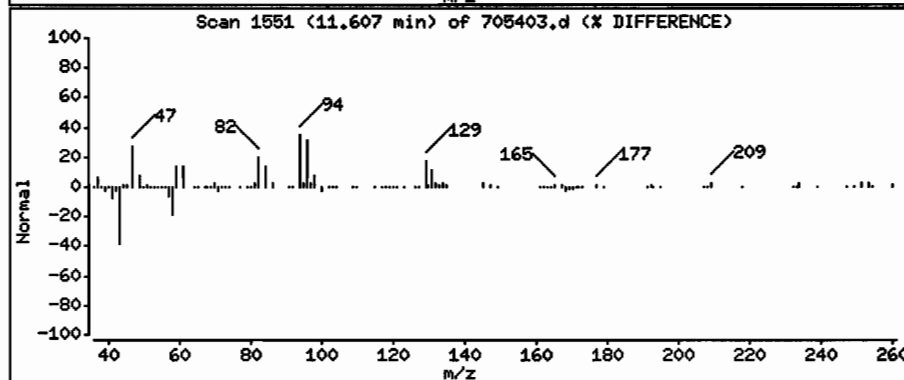
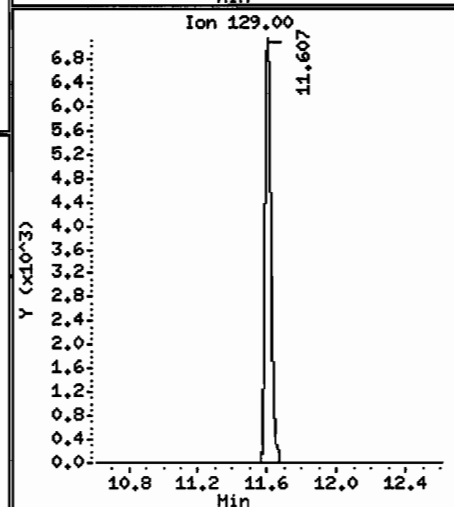
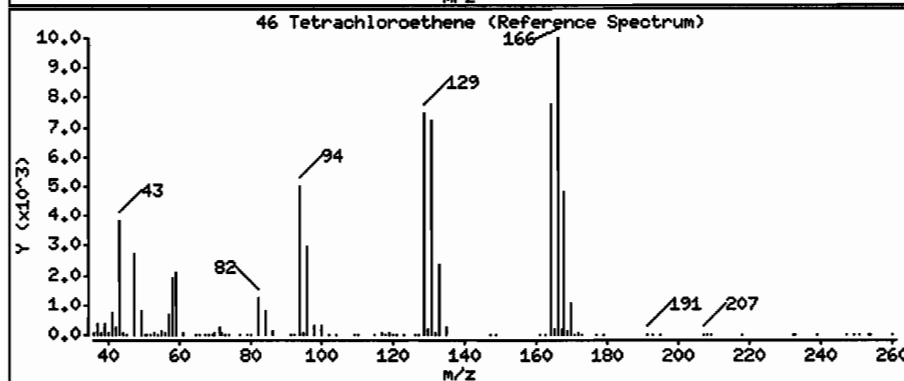
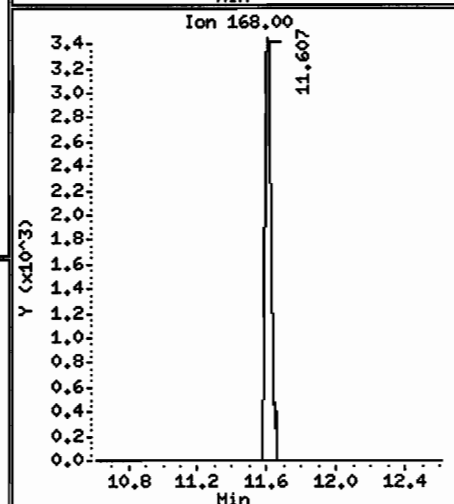
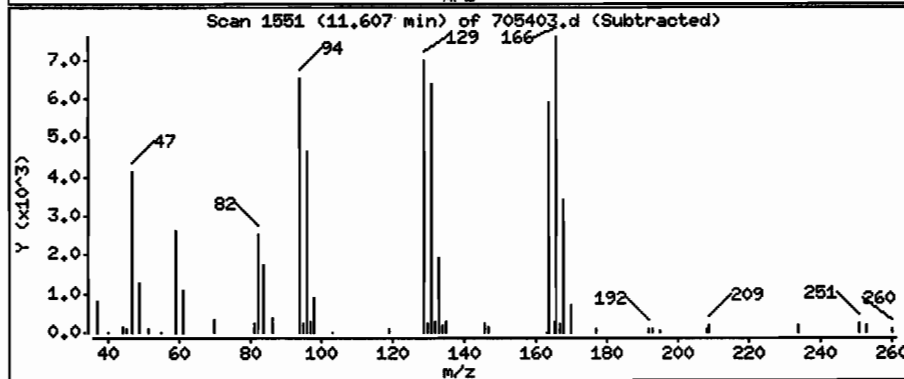
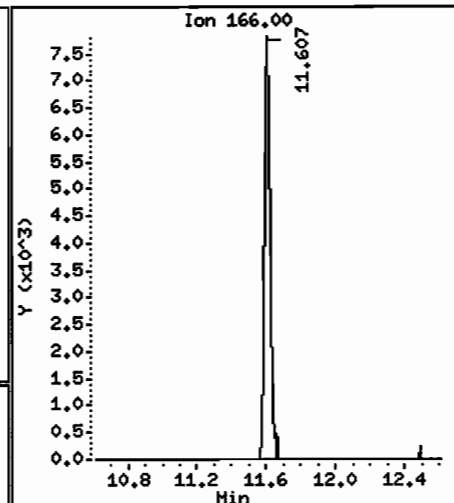
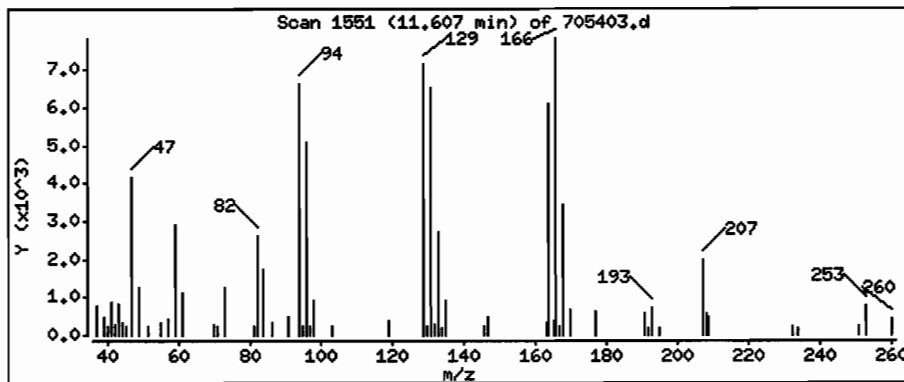
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 0.25 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-2

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705405

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 705405

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 60.7

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	30	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	12	U
74-87-3-----	Chloromethane	30	U
75-01-4-----	Vinyl Chloride	12	U
106-99-0-----	1,3-Butadiene	30	U
74-83-9-----	Bromomethane	12	U
75-00-3-----	Chloroethane	30	U
593-60-2-----	Bromoethene	12	U
75-69-4-----	Trichlorofluoromethane	12	U
76-13-1-----	Freon TF	12	U
75-35-4-----	1,1-Dichloroethene	12	U
67-64-1-----	Acetone	300	U
67-63-0-----	Isopropyl Alcohol	300	U
75-15-0-----	Carbon Disulfide	30	U
107-05-1-----	3-Chloropropene	30	U
75-09-2-----	Methylene Chloride	1500	
75-65-0-----	tert-Butyl Alcohol	300	U
1634-04-4-----	Methyl tert-Butyl Ether	30	U
156-60-5-----	trans-1,2-Dichloroethene	12	U
110-54-3-----	n-Hexane	32	
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
78-93-3-----	Methyl Ethyl Ketone	30	U
156-59-2-----	cis-1,2-Dichloroethene	12	U
109-99-9-----	Tetrahydrofuran	300	U
67-66-3-----	Chloroform	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
110-82-7-----	Cyclohexane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
540-84-1-----	2,2,4-Trimethylpentane	12	U
71-43-2-----	Benzene	12	U
107-06-2-----	1,2-Dichloroethane	12	U
142-82-5-----	n-Heptane	12	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-2

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705405

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 705405

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 60.7

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

79-01-6-----	Trichloroethene	12	U
78-87-5-----	1,2-Dichloropropane	12	U
123-91-1-----	1,4-Dioxane	300	U
75-27-4-----	Bromodichloromethane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
108-10-1-----	Methyl Isobutyl Ketone	30	U
108-88-3-----	Toluene	12	U
10061-02-6-----	trans-1,3-Dichloropropene	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
127-18-4-----	Tetrachloroethane	12	U
591-78-6-----	Methyl Butyl Ketone	30	U
124-48-1-----	Dibromochloromethane	12	U
106-93-4-----	1,2-Dibromoethane	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
1330-20-7-----	Xylene (m,p)	30	U
95-47-6-----	Xylene (o)	12	U
1330-20-7-----	Xylene (total)	12	U
100-42-5-----	Styrene	12	U
75-25-2-----	Bromoform	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
622-96-8-----	4-Ethyltoluene	12	U
108-67-8-----	1,3,5-Trimethylbenzene	12	U
95-49-8-----	2-Chlorotoluene	12	U
95-63-6-----	1,2,4-Trimethylbenzene	12	U
541-73-1-----	1,3-Dichlorobenzene	12	U
106-46-7-----	1,4-Dichlorobenzene	12	U
95-50-1-----	1,2-Dichlorobenzene	12	U
120-82-1-----	1,2,4-Trichlorobenzene	30	U
87-68-3-----	Hexachlorobutadiene	12	U
91-20-3-----	Naphthalene	30	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjtdt05.b/705405.d

Date : 18-APR-2007 20:01

Client ID: 1A-2

Sample Info: 1A-2 : I 103/29/07 @ (AIR)

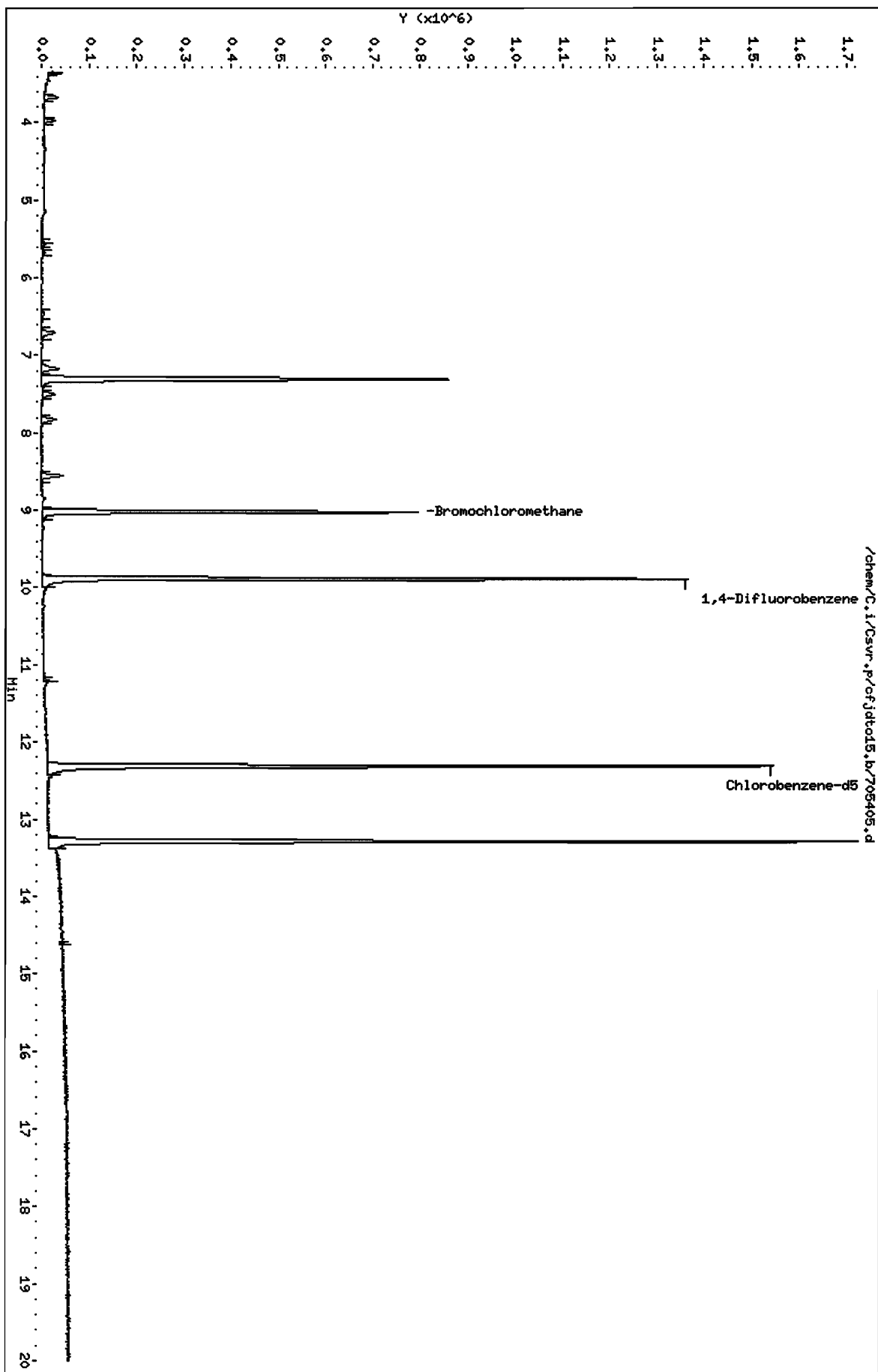
Purge Volume: 200.0

Column phase: RTX-624

Instrument: C.i

Operator: wrd

Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjdto15.b/705405.d
Report Date: 19-Apr-2007 14:38

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STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705405.d
Lab Smp Id: 705405 Client Smp ID: IA-2
Inj Date : 18-APR-2007 20:01
Operator : wrd Inst ID: C.i
Smp Info : IA-2 :[]03/29/07 @ (AIR)
Misc Info : 705405;041807CA;60.7;200;cdf 60.7
Comment :
Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 10
Dil Factor: 60.70000
Integrator: HP RTE Compound Sublist: TO15all+N.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	60.70000	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	ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85					
2 1,2-Dichlorotetrafluoroethane	85					
3 Chloromethane	50					
4 Vinyl Chloride	62					
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					
12 Acetone	43					
13 Isopropyl Alcohol	45					
14 Carbon Disulfide	76					
15 3-Chloropropene	41					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.300	7.306	(0.809)	662044	25.1635	1500
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	7.823	7.823	(0.867)	18434	0.52139	32
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	186561	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
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	9.878	9.883	(1.000)	986098	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	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.					
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)	867650	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.					
M 55 Xylene (total)	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.					

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	=====	==	=====	=====	=====	=====	=====
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.		
68 Naphthalene	128					Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705405.d

Page 5

Date : 18-APR-2007 20:01

Client ID: IA-2

Instrument: C.i

Sample Info: IA-2 :[103/29/07 @ (AIR)

Purge Volume: 200.0

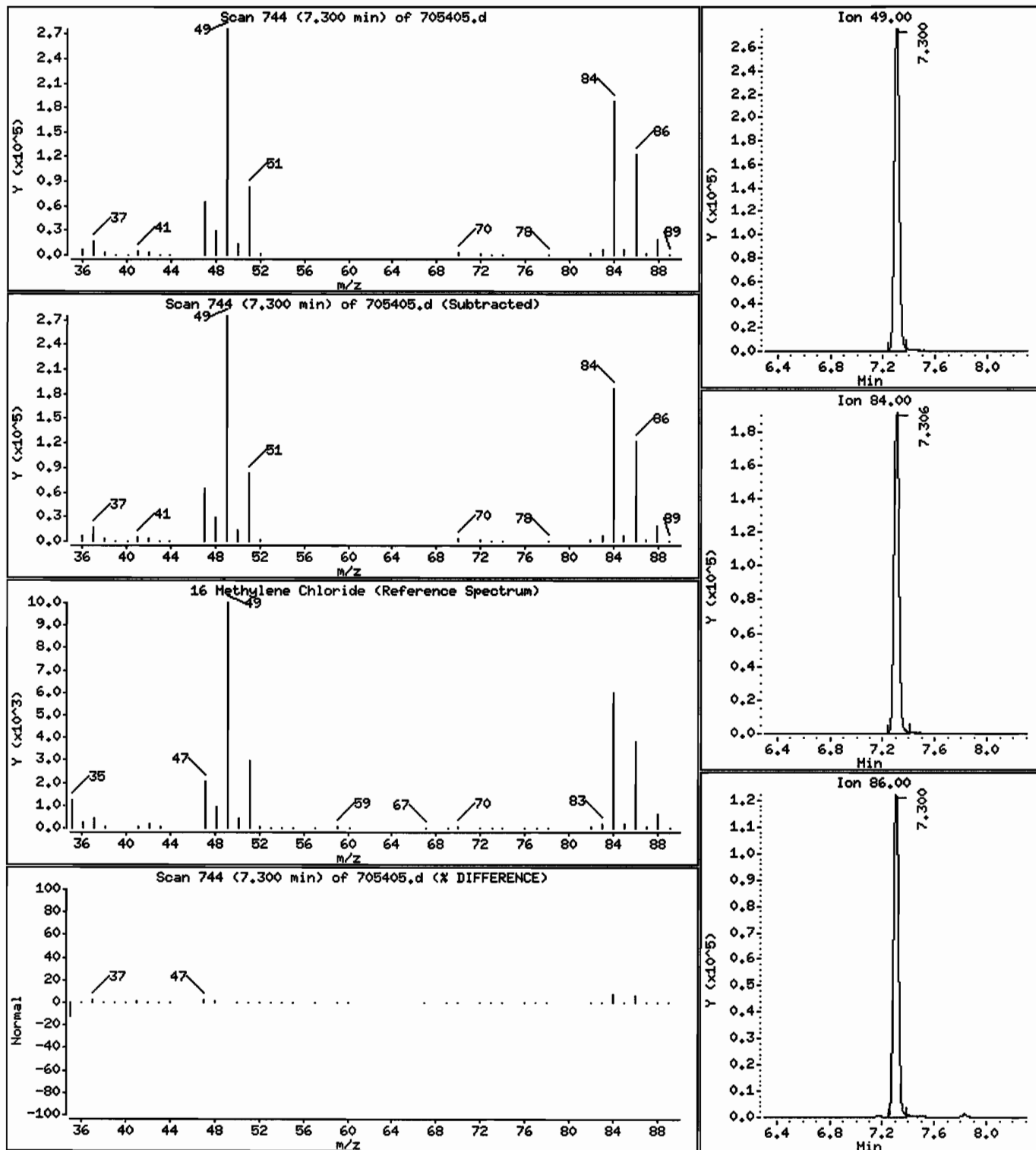
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 1500 ppbv



Date : 18-APR-2007 20:01

Client ID: IA-2

Instrument: C.i

Sample Info: IA-2 :[103/29/07 @ (AIR)

Purge Volume: 200.0

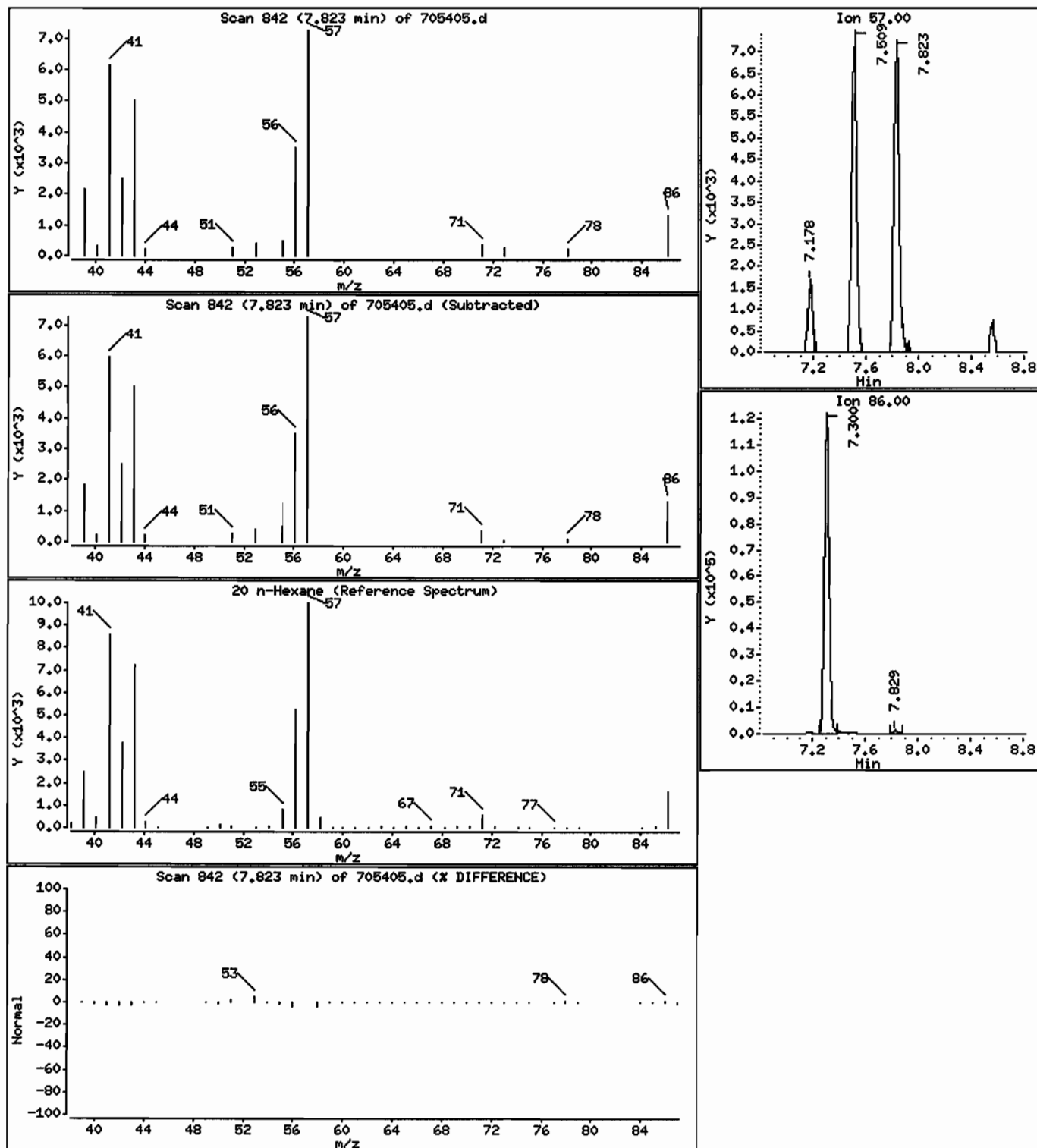
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

20 n-Hexane

Concentration: 32 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-3

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705407

Sample wt/vol: 143.0 (g/mL) ML

Lab File ID: 705407

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 79.9

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	40	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	16	U
74-87-3-----	Chloromethane	40	U
75-01-4-----	Vinyl Chloride	16	U
106-99-0-----	1,3-Butadiene	40	U
74-83-9-----	Bromomethane	16	U
75-00-3-----	Chloroethane	40	U
593-60-2-----	Bromoethene	16	U
75-69-4-----	Trichlorofluoromethane	16	U
76-13-1-----	Freon TF	16	U
75-35-4-----	1,1-Dichloroethene	16	U
67-64-1-----	Acetone	400	U
67-63-0-----	Isopropyl Alcohol	400	U
75-15-0-----	Carbon Disulfide	40	U
107-05-1-----	3-Chloropropene	40	U
75-09-2-----	Methylene Chloride	2500	
75-65-0-----	tert-Butyl Alcohol	400	U
1634-04-4-----	Methyl tert-Butyl Ether	40	U
156-60-5-----	trans-1,2-Dichloroethene	16	U
110-54-3-----	n-Hexane	46	
75-34-3-----	1,1-Dichloroethane	16	U
540-59-0-----	1,2-Dichloroethene (total)	16	U
78-93-3-----	Methyl Ethyl Ketone	40	U
156-59-2-----	cis-1,2-Dichloroethene	16	U
109-99-9-----	Tetrahydrofuran	400	U
67-66-3-----	Chloroform	16	U
71-55-6-----	1,1,1-Trichloroethane	16	U
110-82-7-----	Cyclohexane	16	U
56-23-5-----	Carbon Tetrachloride	16	U
540-84-1-----	2,2,4-Trimethylpentane	16	U
71-43-2-----	Benzene	16	U
107-06-2-----	1,2-Dichloroethane	16	U
142-82-5-----	n-Heptane	16	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-3

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705407

Sample wt/vol: 143.0 (g/mL) ML

Lab File ID: 705407

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 79.9

Soil Extract Volume: _____ (uL)

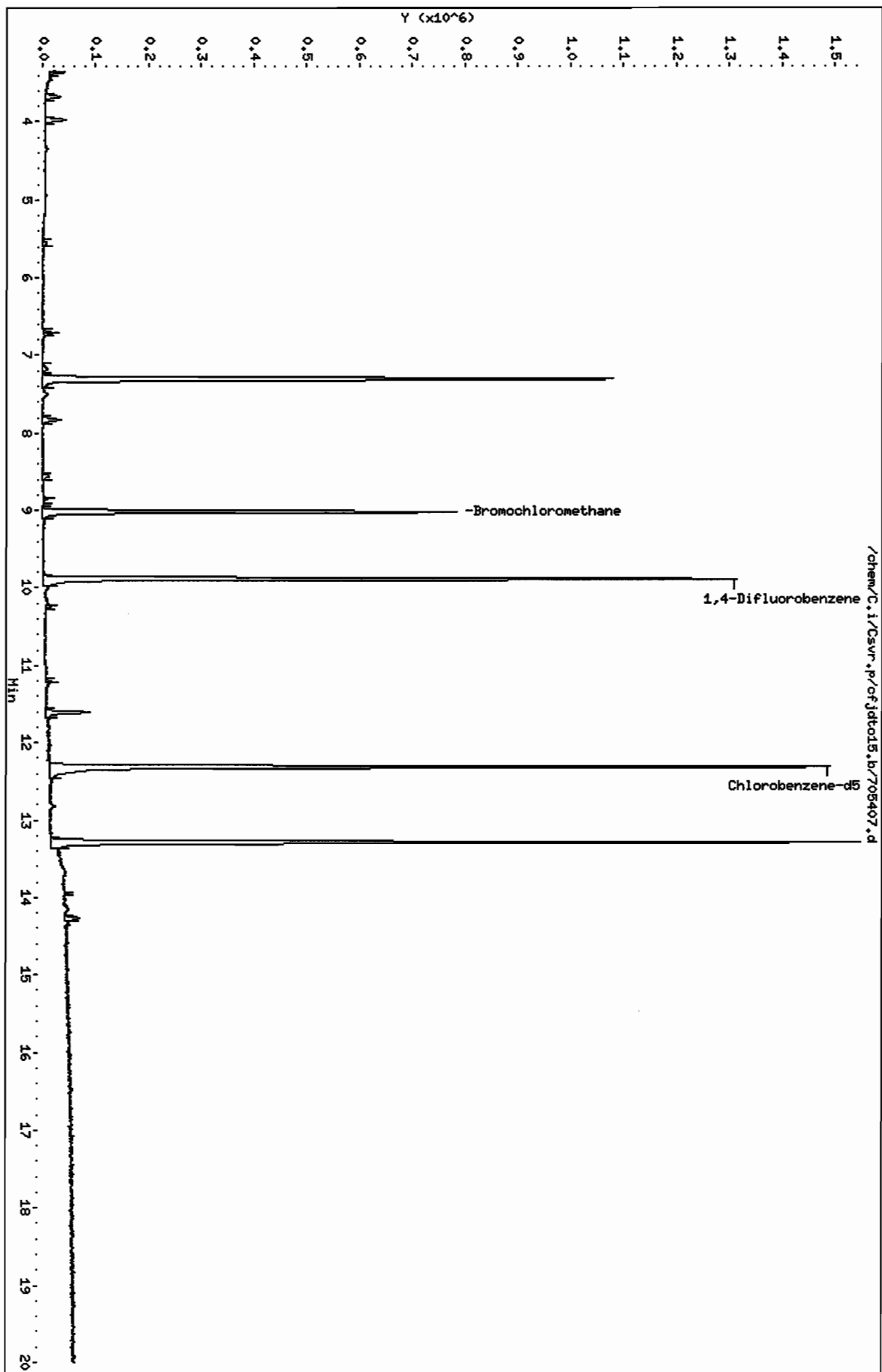
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6-----	Trichloroethene	16	U
78-87-5-----	1,2-Dichloropropane	16	U
123-91-1-----	1,4-Dioxane	400	U
75-27-4-----	Bromodichloromethane	16	U
10061-01-5-----	cis-1,3-Dichloropropene	16	U
108-10-1-----	Methyl Isobutyl Ketone	40	U
108-88-3-----	Toluene	16	U
10061-02-6-----	trans-1,3-Dichloropropene	16	U
79-00-5-----	1,1,2-Trichloroethane	16	U
127-18-4-----	Tetrachloroethene	44	U
591-78-6-----	Methyl Butyl Ketone	40	U
124-48-1-----	Dibromochloromethane	16	U
106-93-4-----	1,2-Dibromoethane	16	U
108-90-7-----	Chlorobenzene	16	U
100-41-4-----	Ethylbenzene	16	U
1330-20-7-----	Xylene (m,p)	40	U
95-47-6-----	Xylene (o)	16	U
1330-20-7-----	Xylene (total)	16	U
100-42-5-----	Styrene	16	U
75-25-2-----	Bromoform	16	U
79-34-5-----	1,1,2,2-Tetrachloroethane	16	U
622-96-8-----	4-Ethyltoluene	16	U
108-67-8-----	1,3,5-Trimethylbenzene	16	U
95-49-8-----	2-Chlorotoluene	16	U
95-63-6-----	1,2,4-Trimethylbenzene	16	U
541-73-1-----	1,3-Dichlorobenzene	16	U
106-46-7-----	1,4-Dichlorobenzene	16	U
95-50-1-----	1,2-Dichlorobenzene	16	U
120-82-1-----	1,2,4-Trichlorobenzene	40	U
87-68-3-----	Hexachlorobutadiene	16	U
91-20-3-----	Naphthalene	40	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705407.d
Date : 18-APR-2007 21:28
Client ID: 1A-3
Sample Info: 1A-3 : I 103/29/07 e (AIR)
Purge Volume: 143.0
Column phase: RTX-624

Instrument: C.i
Operator: urd
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjdto15.b/705407.d
Report Date: 19-Apr-2007 14:38

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STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705407.d
Lab Smp Id: 705407 Client Smp ID: IA-3
Inj Date : 18-APR-2007 21:28
Operator : wrd Inst ID: C.i
Smp Info : IA-3 :[]03/29/07 @ (AIR)
Misc Info : 705407;041807CA;79.9;143;cdf 57.1
Comment :
Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 12
Dil Factor: 79.90000
Integrator: HP RTE Compound Sublist: TO15all+N.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	79.90000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	143.00000	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					
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					
12 Acetone	43					
13 Isopropyl Alcohol	45					
14 Carbon Disulfide	76					
15 3-Chloropropene	41					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.300	7.306	(0.809)	822618	31.6106	2500
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	7.823	7.823	(0.867)	20010	0.57219	46
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	184532	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
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	9.884	9.883	(1.000)	964675	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	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	11.602	11.607	(0.943)	20348	0.54592	44
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)	828131	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.					
M 55 Xylene (total)	106	Compound Not Detected.					
56 Styrene	104	Compound Not Detected.					
57 Bromoform	173	Compound Not Detected.					
58 1,1,1,2,2-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.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
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.		
68 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Date : 18-APR-2007 21:28

Client ID: IA-3

Instrument: C.i

Sample Info: IA-3 :[103/29/07 @ (AIR)

Purge Volume: 143.0

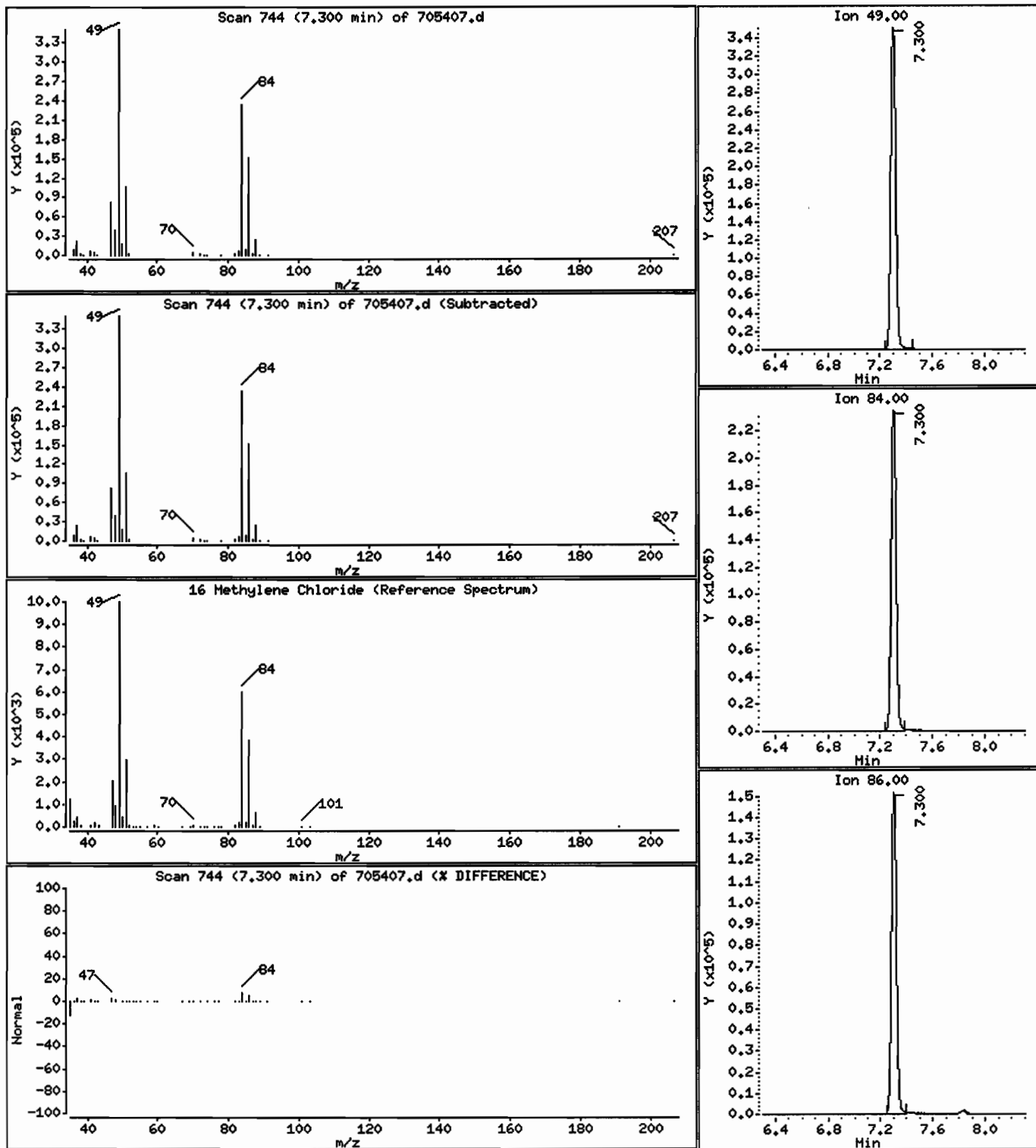
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 2500 ppbv



Date : 18-APR-2007 21:28

Client ID: IA-3

Instrument: C.i

Sample Info: IA-3 :[103/29/07 @ (AIR)

Purge Volume: 143.0

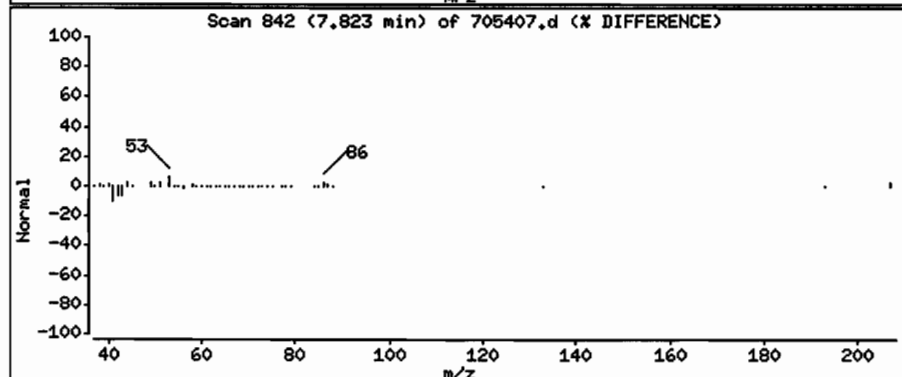
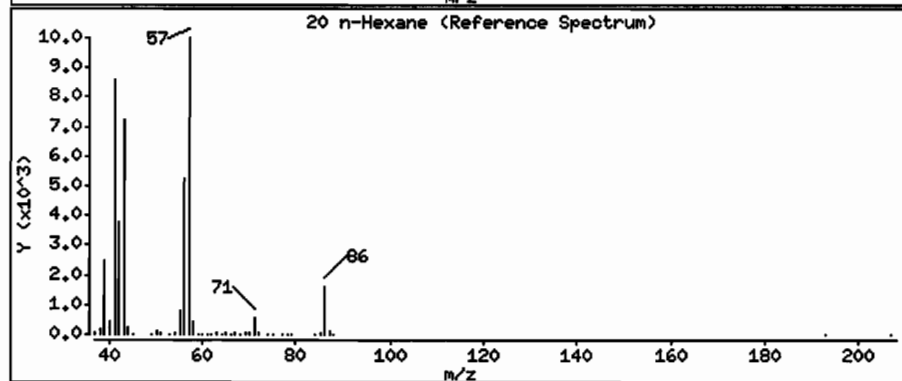
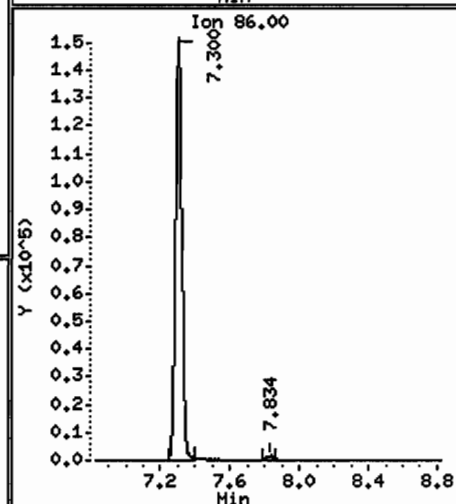
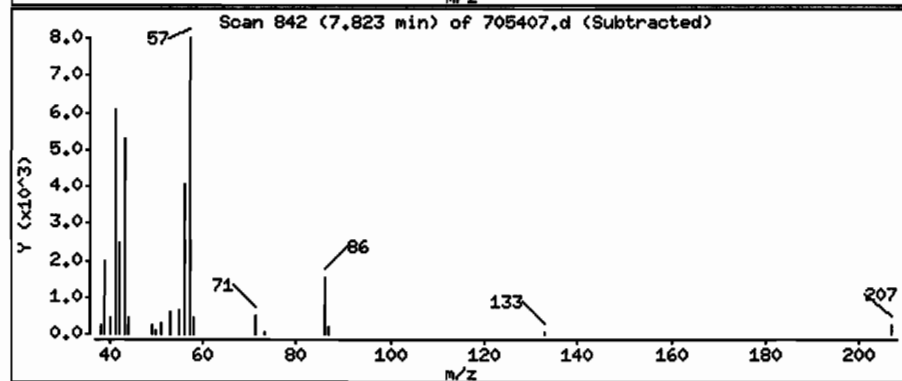
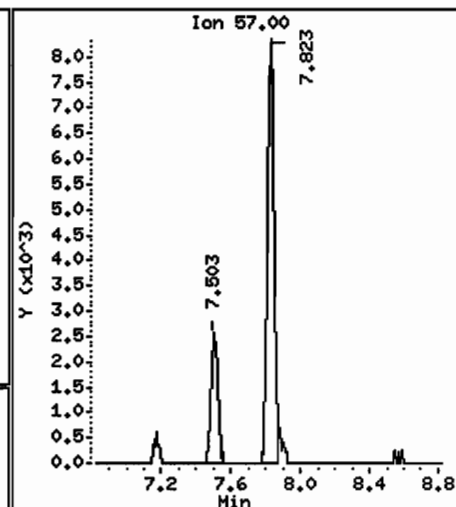
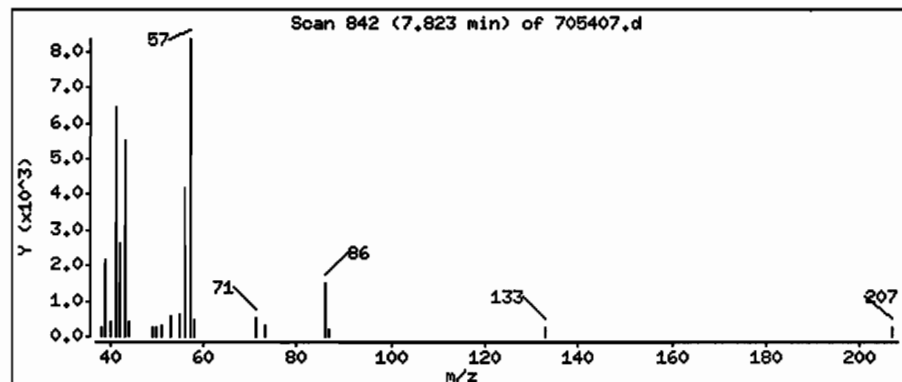
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

20 n-Hexane

Concentration: 46 ppbv



Date : 18-APR-2007 21:28

Client ID: IA-3

Instrument: C.i

Sample Info: IA-3 :[103/29/07 @ (AIR)

Purge Volume: 143.0

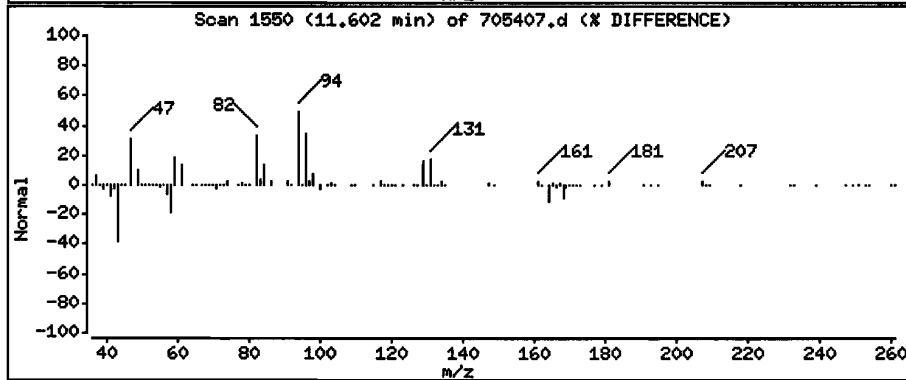
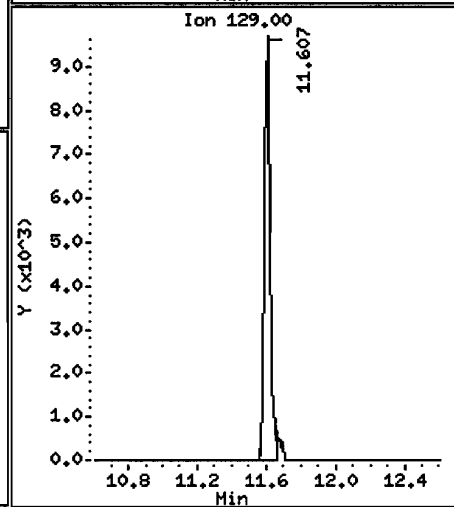
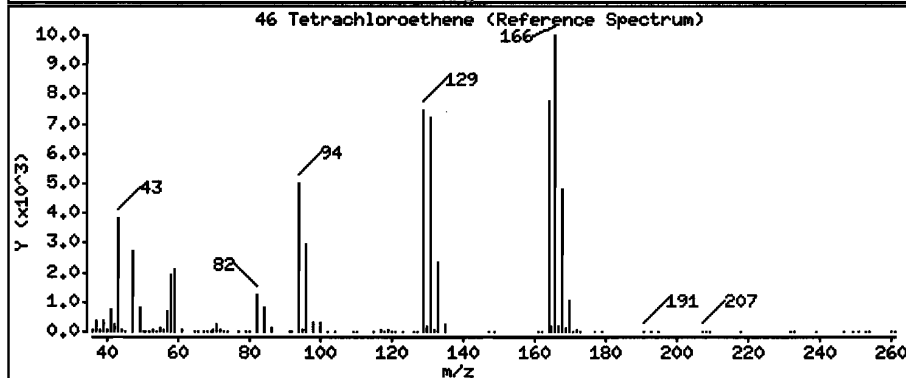
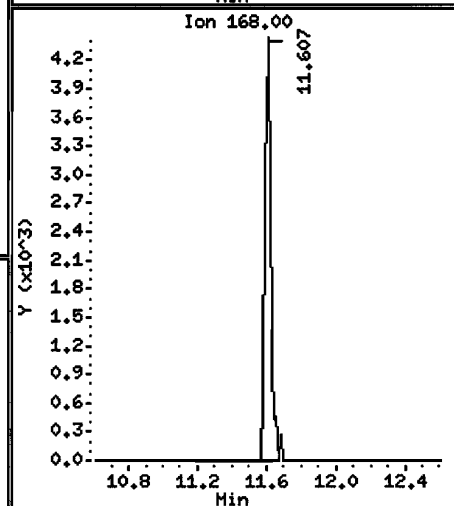
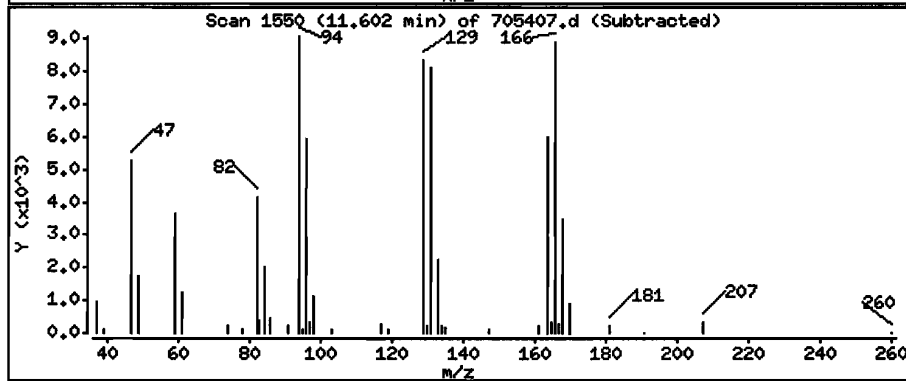
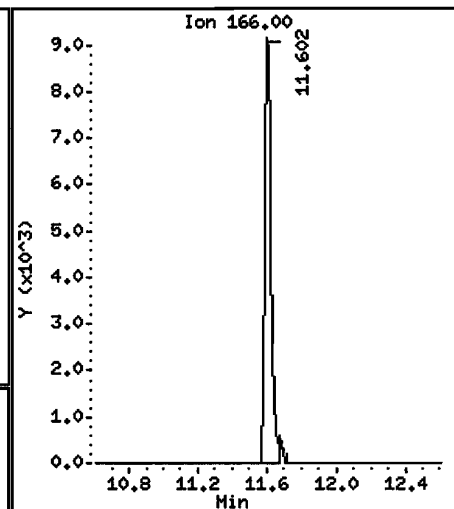
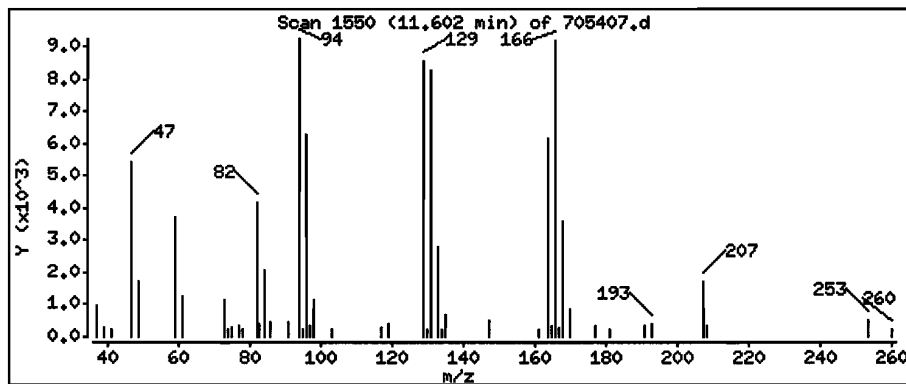
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 44 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-4

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705409

Sample wt/vol: 129.0 (g/mL) ML

Lab File ID: 705409

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 84.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	42	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	17	U
74-87-3-----	Chloromethane	42	U
75-01-4-----	Vinyl Chloride	17	U
106-99-0-----	1,3-Butadiene	42	U
74-83-9-----	Bromomethane	17	U
75-00-3-----	Chloroethane	42	U
593-60-2-----	Bromoethene	17	U
75-69-4-----	Trichlorofluoromethane	17	U
76-13-1-----	Freon TF	17	U
75-35-4-----	1,1-Dichloroethene	17	U
67-64-1-----	Acetone	420	U
67-63-0-----	Isopropyl Alcohol	420	U
75-15-0-----	Carbon Disulfide	42	U
107-05-1-----	3-Chloropropene	42	U
75-09-2-----	Methylene Chloride	1700	
75-65-0-----	tert-Butyl Alcohol	420	U
1634-04-4-----	Methyl tert-Butyl Ether	42	U
156-60-5-----	trans-1,2-Dichloroethene	17	U
110-54-3-----	n-Hexane	45	
75-34-3-----	1,1-Dichloroethane	17	U
540-59-0-----	1,2-Dichloroethene (total)	17	U
78-93-3-----	Methyl Ethyl Ketone	42	U
156-59-2-----	cis-1,2-Dichloroethene	17	U
109-99-9-----	Tetrahydrofuran	420	U
67-66-3-----	Chloroform	17	U
71-55-6-----	1,1,1-Trichloroethane	17	U
110-82-7-----	Cyclohexane	17	U
56-23-5-----	Carbon Tetrachloride	17	U
540-84-1-----	2,2,4-Trimethylpentane	17	U
71-43-2-----	Benzene	17	U
107-06-2-----	1,2-Dichloroethane	17	U
142-82-5-----	n-Heptane	17	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-4

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705409

Sample wt/vol: 129.0 (g/mL) ML

Lab File ID: 705409

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 84.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	17	U
78-87-5	1,2-Dichloropropane	17	U
123-91-1	1,4-Dioxane	420	U
75-27-4	Bromodichloromethane	17	U
10061-01-5	cis-1,3-Dichloropropene	17	U
108-10-1	Methyl Isobutyl Ketone	42	U
108-88-3	Toluene	17	U
10061-02-6	trans-1,3-Dichloropropene	17	U
79-00-5	1,1,2-Trichloroethane	17	U
127-18-4	Tetrachloroethene	17	U
591-78-6	Methyl Butyl Ketone	42	U
124-48-1	Dibromochloromethane	17	U
106-93-4	1,2-Dibromoethane	17	U
108-90-7	Chlorobenzene	17	U
100-41-4	Ethylbenzene	17	U
1330-20-7	Xylene (m,p)	42	U
95-47-6	Xylene (o)	17	U
1330-20-7	Xylene (total)	17	U
100-42-5	Styrene	17	U
75-25-2	Bromoform	17	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U
622-96-8	4-Ethyltoluene	17	U
108-67-8	1,3,5-Trimethylbenzene	17	U
95-49-8	2-Chlorotoluene	17	U
95-63-6	1,2,4-Trimethylbenzene	17	U
541-73-1	1,3-Dichlorobenzene	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-50-1	1,2-Dichlorobenzene	17	U
120-82-1	1,2,4-Trichlorobenzene	42	U
87-68-3	Hexachlorobutadiene	17	U
91-20-3	Naphthalene	42	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705409.d

Date : 18-APR-2007 22:55

Client ID: 1A-4

Sample Info: 1A-4 : I 103/29/07 @ (AIR)

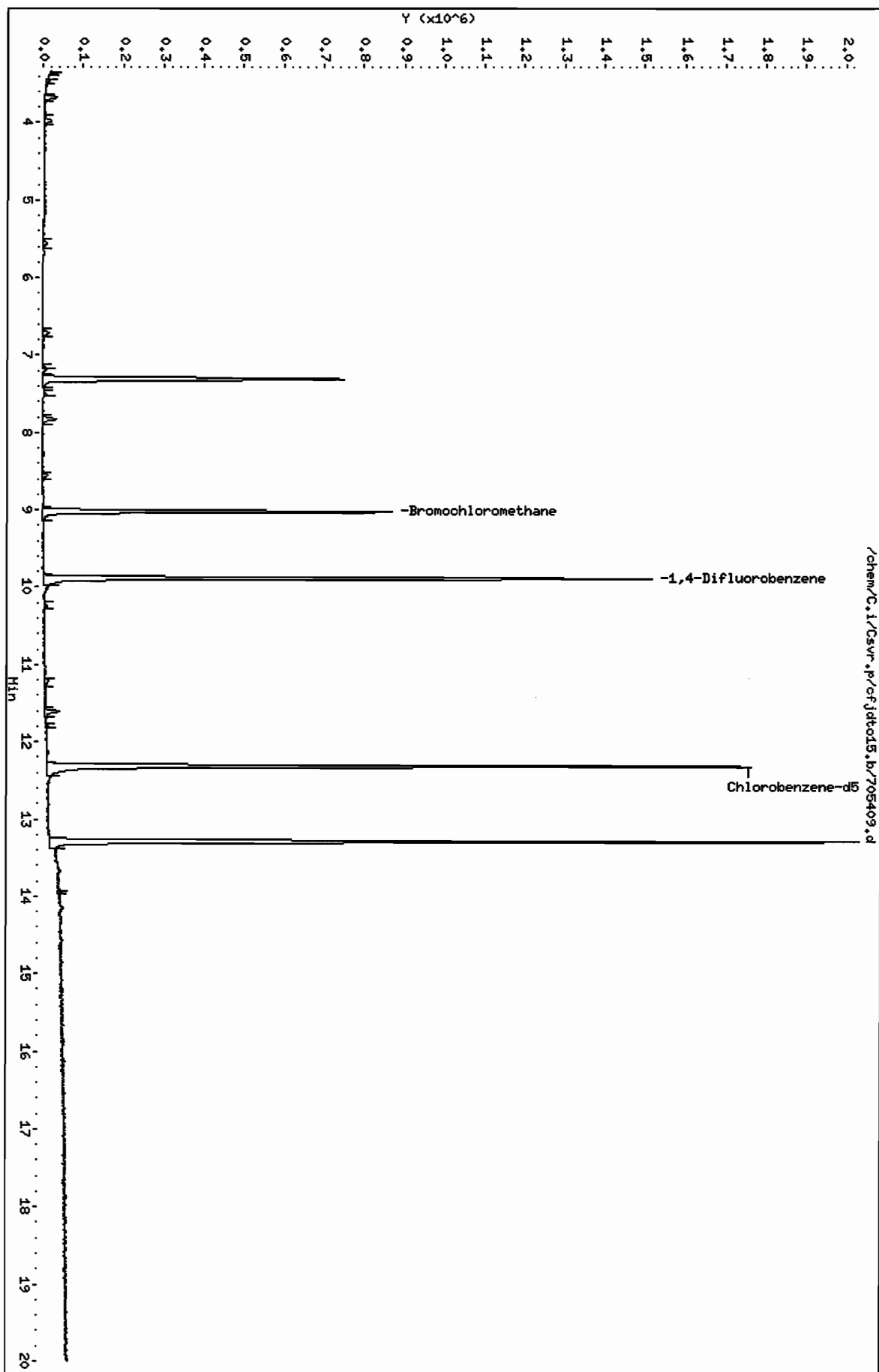
Purge Volume: 129.0

Column phase: RTX-624

Instrument: C.i

Operator: wrd

Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjdto15.b/705409.d
Report Date: 19-Apr-2007 14:53

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705409.d
Lab Smp Id: 705409 Client Smp ID: IA-4
Inj Date : 18-APR-2007 22:55
Operator : wrd Inst ID: C.i
Smp Info : IA-4 :[]03/29/07 @ (AIR)
Misc Info : 705409;041807CA;84.0;129;cdf 54.2
Comment :
Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 14
Dil Factor: 84.00000
Integrator: HP RTE Compound Sublist: TO15all+N.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	84.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	129.00000	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							
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							
12 Acetone	43							
13 Isopropyl Alcohol	45							
14 Carbon Disulfide	76							
15 3-Chloropropene	41							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	----	--	-----	-----	-----	-----	-----
16 Methylene Chloride	49	7.306	7.306	(0.810)	575924	20.4762	1700
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	7.829	7.823	(0.868)	20353	0.53848	45 (M)
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	199444	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
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	9.884	9.883	(1.000)	1076790	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	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.					
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	971315	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.					
M 55 Xylene (total)	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.					

Compounds	QUANT SIG						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)	
=====	=====	==	=====	=====	=====	=====	=====	=====
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.			
68 Naphthalene	128				Compound Not Detected.			

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Res 19 Apr 07

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705409.d

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Date : 18-APR-2007 22:55

Client ID: IA-4

Instrument: C.i

Sample Info: IA-4 :[103/29/07 @ (AIR)

Purge Volume: 129.0

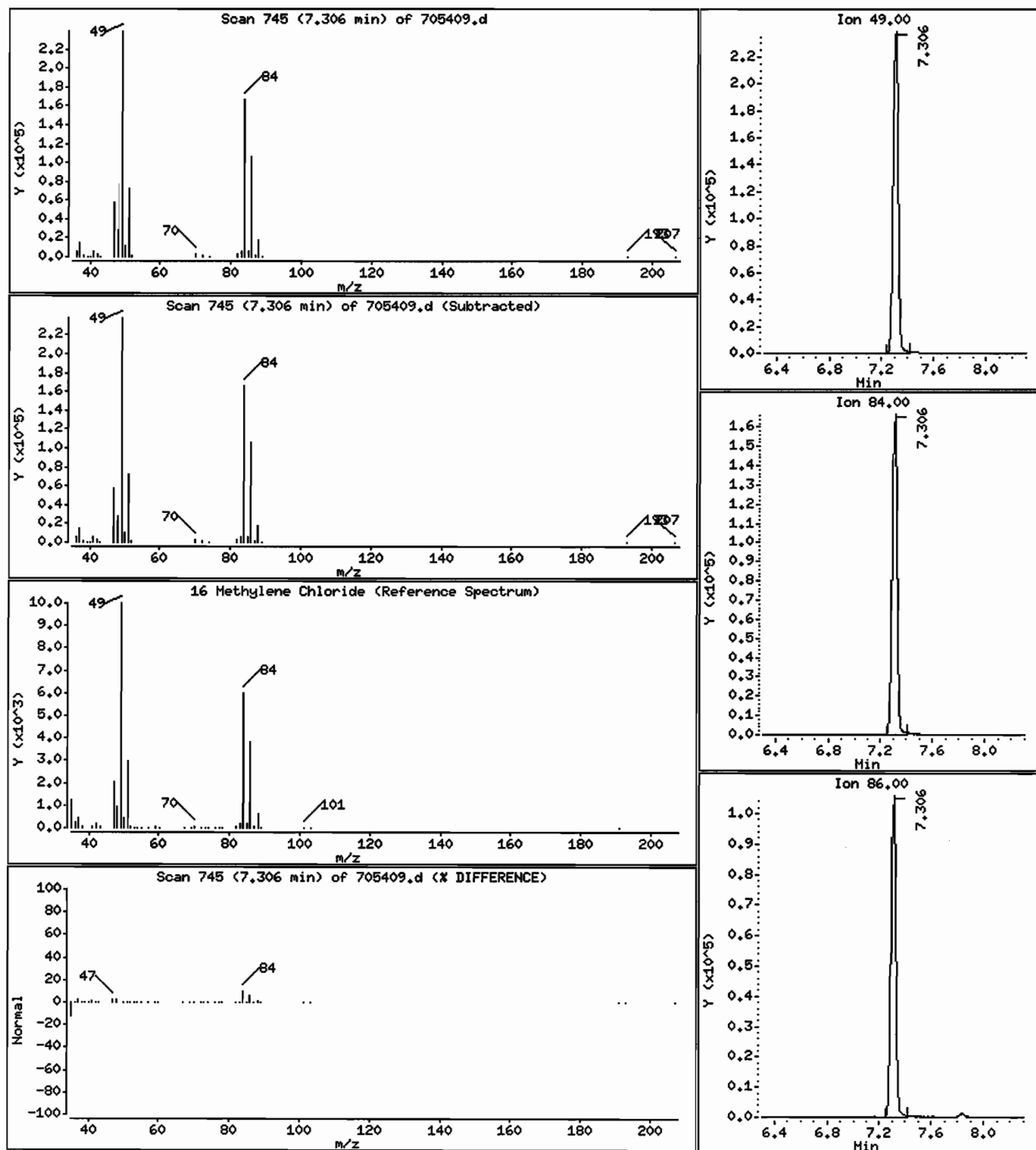
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 1700 ppbv



Date : 18-APR-2007 22:55

Client ID: IA-4

Instrument: C.i

Sample Info: IA-4 :I 103/29/07 @ (AIR)

Purge Volume: 129.0

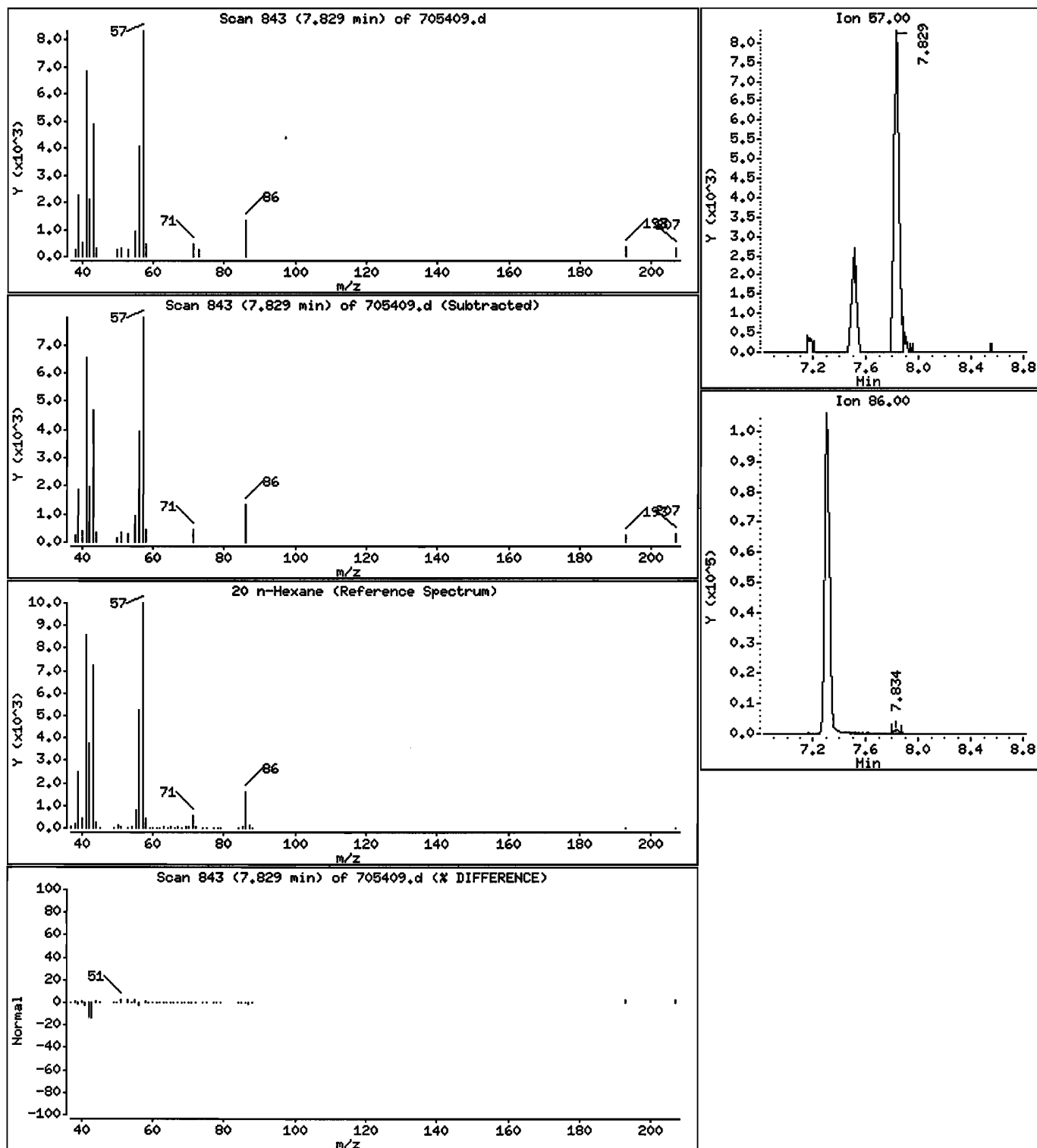
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

20 n-Hexane

Concentration: 45 ppbv

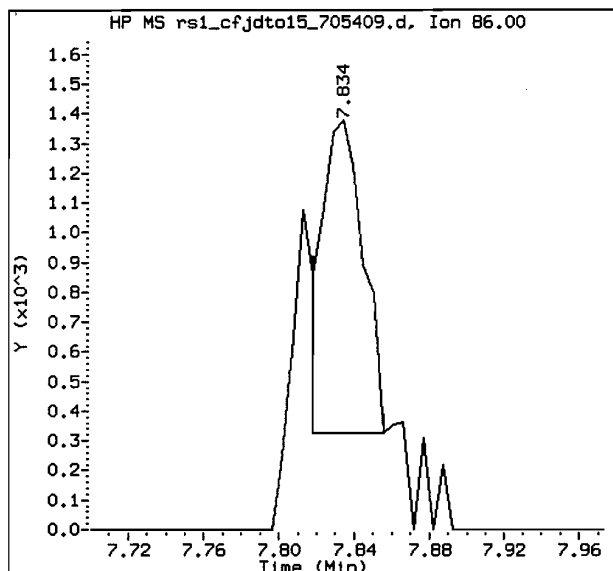
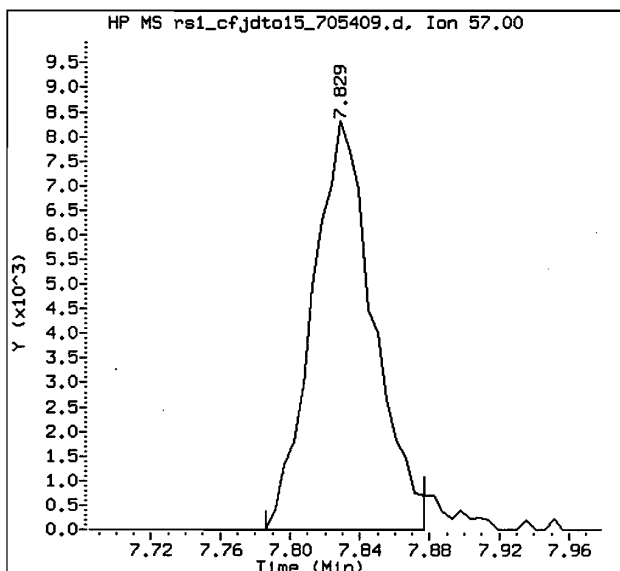


MANUAL INTEGRATION REPORT

Data File Name: 705409.d
Client Sample ID: IA-4
Compound Name: n-Hexane

Inj. Date and Time: 18-APR-2007 22:55
Instrument ID: C.i
CAS #: 110-54-3

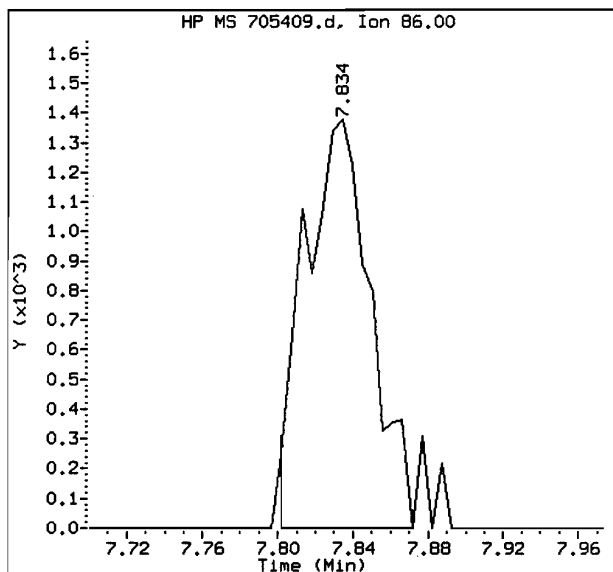
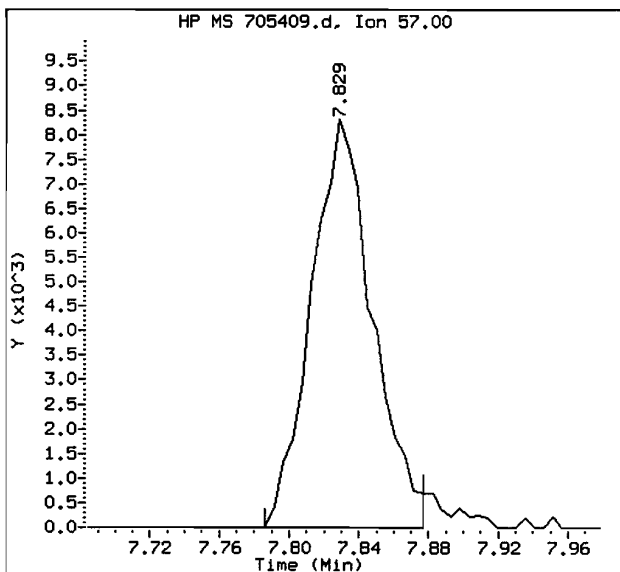
Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/19/2007 14:53



Original Integrations:

Area = 20353

Area = 1687



Final Integrations:

Area = 20353

Area = 3379

Manual Integration Reason: M3 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-5

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705411

Sample wt/vol: 67.00 (g/mL) ML

Lab File ID: 705411D2

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/19/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 40.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

75-71-8-----	Dichlorodifluoromethane	20	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	8.0	U
74-87-3-----	Chloromethane	20	U
75-01-4-----	Vinyl Chloride	8.0	U
106-99-0-----	1,3-Butadiene	20	U
74-83-9-----	Bromomethane	8.0	U
75-00-3-----	Chloroethane	20	U
593-60-2-----	Bromoethene	8.0	U
75-69-4-----	Trichlorofluoromethane	8.0	
76-13-1-----	Freon TF	8.0	U
75-35-4-----	1,1-Dichloroethene	8.0	U
67-64-1-----	Acetone	200	U
67-63-0-----	Isopropyl Alcohol	200	U
75-15-0-----	Carbon Disulfide	20	U
107-05-1-----	3-Chloropropene	20	U
75-09-2-----	Methylene Chloride	1400	
75-65-0-----	tert-Butyl Alcohol	200	U
1634-04-4-----	Methyl tert-Butyl Ether	20	U
156-60-5-----	trans-1,2-Dichloroethene	8.0	U
110-54-3-----	n-Hexane	71	
75-34-3-----	1,1-Dichloroethane	8.0	U
540-59-0-----	1,2-Dichloroethene (total)	8.0	U
78-93-3-----	Methyl Ethyl Ketone	20	U
156-59-2-----	cis-1,2-Dichloroethene	8.0	U
109-99-9-----	Tetrahydrofuran	200	U
67-66-3-----	Chloroform	8.0	U
71-55-6-----	1,1,1-Trichloroethane	8.0	U
110-82-7-----	Cyclohexane	8.0	U
56-23-5-----	Carbon Tetrachloride	8.0	U
540-84-1-----	2,2,4-Trimethylpentane	8.0	U
71-43-2-----	Benzene	8.0	U
107-06-2-----	1,2-Dichloroethane	8.0	U
142-82-5-----	n-Heptane	8.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

IA-5

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705411

Sample wt/vol: 67.00 (g/mL) ML

Lab File ID: 705411D2

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/19/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 40.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

79-01-6-----	Trichloroethene	8.0	U
78-87-5-----	1,2-Dichloropropane	8.0	U
123-91-1-----	1,4-Dioxane	200	U
75-27-4-----	Bromodichloromethane	8.0	U
10061-01-5-----	cis-1,3-Dichloropropene	8.0	U
108-10-1-----	Methyl Isobutyl Ketone	20	U
108-88-3-----	Toluene	8.0	U
10061-02-6-----	trans-1,3-Dichloropropene	8.0	U
79-00-5-----	1,1,2-Trichloroethane	8.0	U
127-18-4-----	Tetrachloroethene	33	
591-78-6-----	Methyl Butyl Ketone	20	U
124-48-1-----	Dibromochloromethane	8.0	U
106-93-4-----	1,2-Dibromoethane	8.0	U
108-90-7-----	Chlorobenzene	8.0	U
100-41-4-----	Ethylbenzene	8.0	U
1330-20-7-----	Xylene (m,p)	20	U
95-47-6-----	Xylene (o)	8.0	U
1330-20-7-----	Xylene (total)	8.0	U
100-42-5-----	Styrene	8.0	U
75-25-2-----	Bromoform	8.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	8.0	U
622-96-8-----	4-Ethyltoluene	8.0	U
108-67-8-----	1,3,5-Trimethylbenzene	8.0	U
95-49-8-----	2-Chlorotoluene	8.0	U
95-63-6-----	1,2,4-Trimethylbenzene	8.0	U
541-73-1-----	1,3-Dichlorobenzene	8.0	U
106-46-7-----	1,4-Dichlorobenzene	8.0	U
95-50-1-----	1,2-Dichlorobenzene	8.0	U
120-82-1-----	1,2,4-Trichlorobenzene	20	U
87-68-3-----	Hexachlorobutadiene	8.0	U
91-20-3-----	Naphthalene	20	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/ofjtdt05.b/705411d2.d

Date: 19-APR-2007 09:03

Client ID: 1A-5

Sample Info: 1A-5: [103/29/07 @ (AIR)]

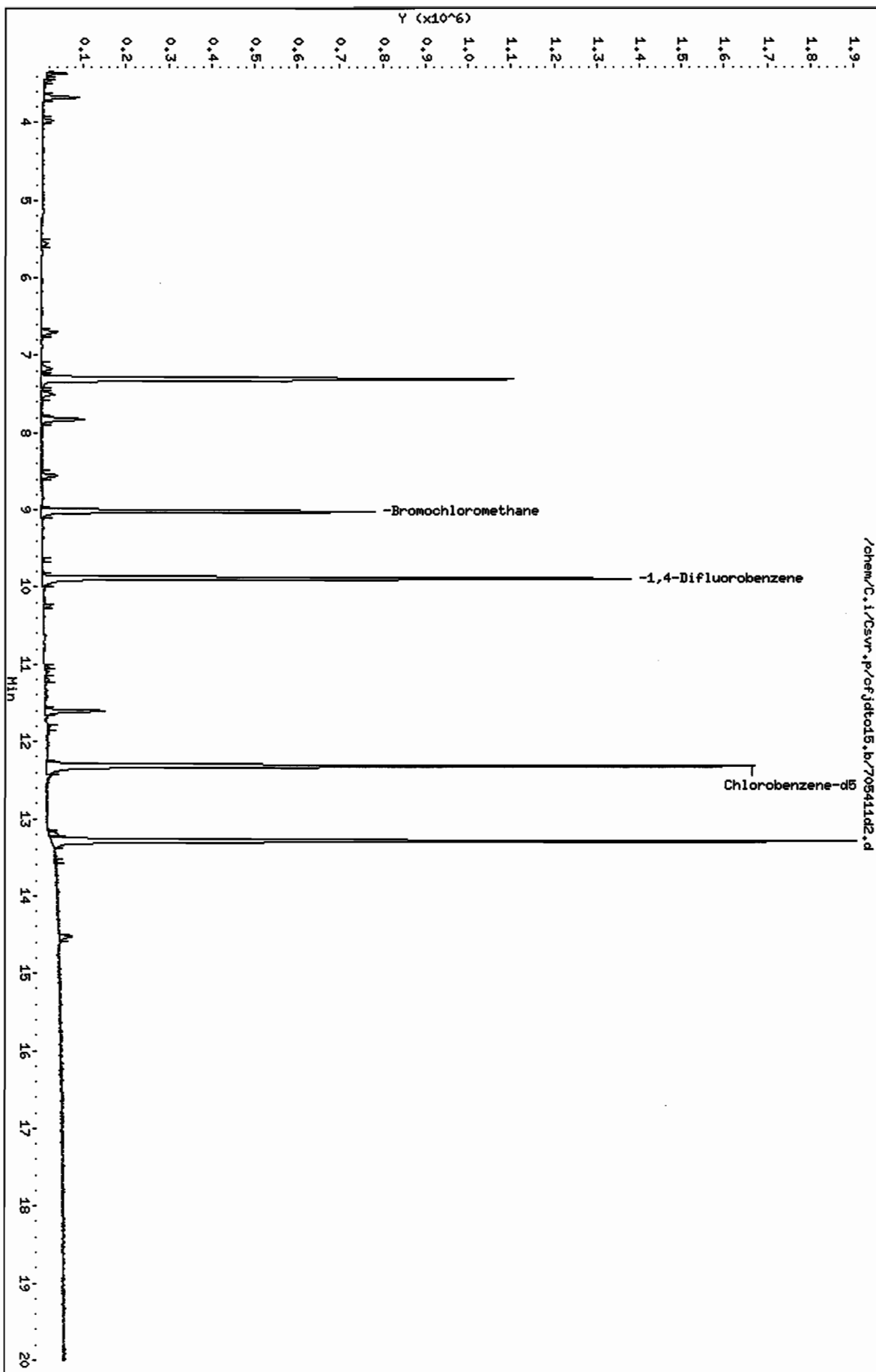
Purge Volume: 67.0

Column phase: RTX-624

Instrument: C.i

Operator: urd

Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705411d2.d
 Lab Smp Id: 705411 Client Smp ID: IA-5
 Inj Date : 19-APR-2007 09:03
 Operator : wrd Inst ID: C.i
 Smp Info : IA-5 :[]03/29/07 @ (AIR)
 Misc Info : 705411;041807CA;40;67;cdf 13.4
 Comment :
 Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
 Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 16
 Dil Factor: 40.00000
 Integrator: HP RTE Compound Sublist: TO15all+N.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	40.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	67.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
1 Dichlorodifluoromethane	85						
2 1,2-Dichlorotetrafluoroethane	85						
3 Chloromethane	50						
4 Vinyl Chloride	62						
5 1,3-Butadiene	54						
6 Bromomethane	94						
7 Chloroethane	64						
8 Bromoethene	106						
9 Trichlorofluoromethane	101	5.555	5.561	(0.616)	19255	0.19966	8.0
10 Freon TF	101						
11 1,1-Dichloroethene	96						
12 Acetone	43						
13 Isopropyl Alcohol	45						
14 Carbon Disulfide	76						
15 3-Chloropropene	41						

Compounds	QUANT SIG	RT	EXP	RT REL	RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ppbv)	(ppbv)
-----	----	--	-----	-----	-----	-----	-----	-----
16 Methylene Chloride	49	7.300	7.306	(0.810)		835283	33.7762	1400
17 tert-Butyl Alcohol	59	Compound Not Detected.						
18 Methyl tert-Butyl Ether	73	Compound Not Detected.						
19 trans-1,2-Dichloroethene	61	Compound Not Detected.						
20 n-Hexane	57	7.829	7.823	(0.869)		58960	1.77416	71
21 1,1-Dichloroethane	63	Compound Not Detected.						
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.						
23 Methyl Ethyl Ketone	72	Compound Not Detected.						
24 cis-1,2-Dichloroethene	96	Compound Not Detected.						
* 25 Bromochloromethane	128	9.014	9.019	(1.000)		175359	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.						
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	9.878	9.883	(1.000)		963238	10.0000	
36 Trichloroethene	95	Compound Not Detected.						
38 1,2-Dichloropropane	63	Compound Not Detected.						
39 1,4-Dioxane	88	Compound Not Detected.						
40 Bromodichloromethane	83	Compound Not Detected.						
41 cis-1,3-Dichloropropene	75	Compound Not Detected.						
42 Methyl Isobutyl Ketone	43	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	11.607	11.607	(0.943)		33021	0.83253	33 (Q)
47 Methyl Butyl Ketone	43	Compound Not Detected.						
48 Dibromochloromethane	129	Compound Not Detected.						
49 1,2-Dibromoethane	107	Compound Not Detected.						
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)		881236	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.						
M 55 Xylene (total)	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.						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
=====	====	==	=====	=====	=====	=====	=====
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.		
68 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/cfjdto15.b/705411d2.d

Page 5

Date : 19-APR-2007 09:03

Client ID: IA-5

Instrument: C.i

Sample Info: IA-5 :[103/29/07 @ (AIR)

Purge Volume: 67.0

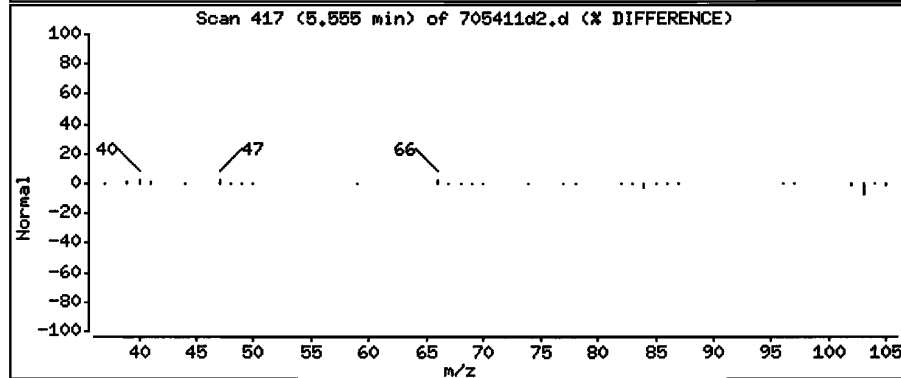
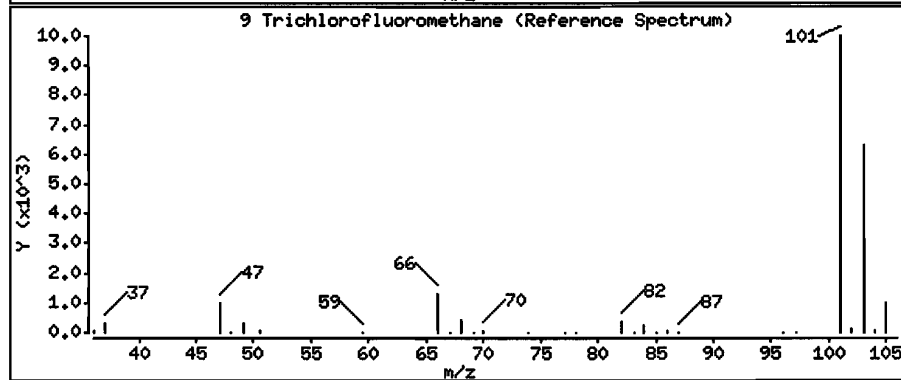
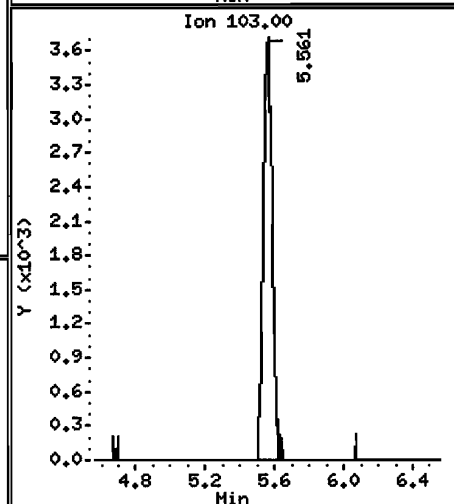
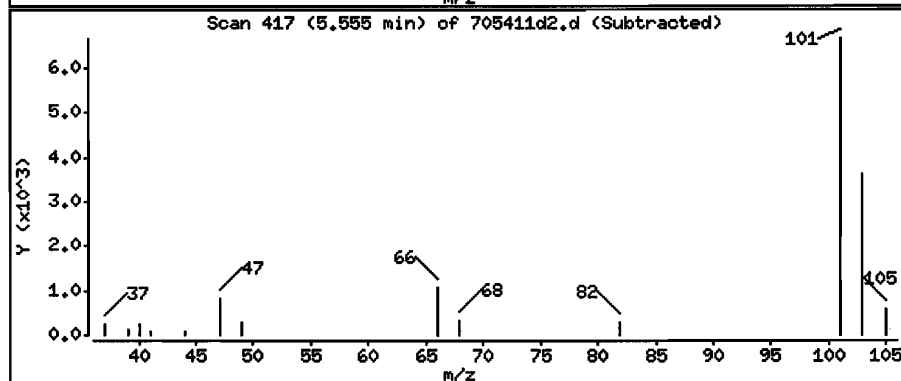
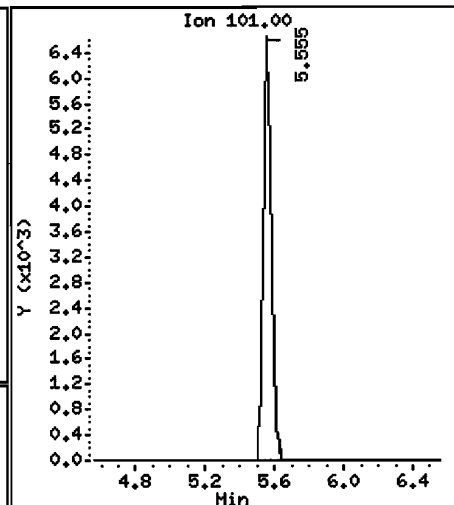
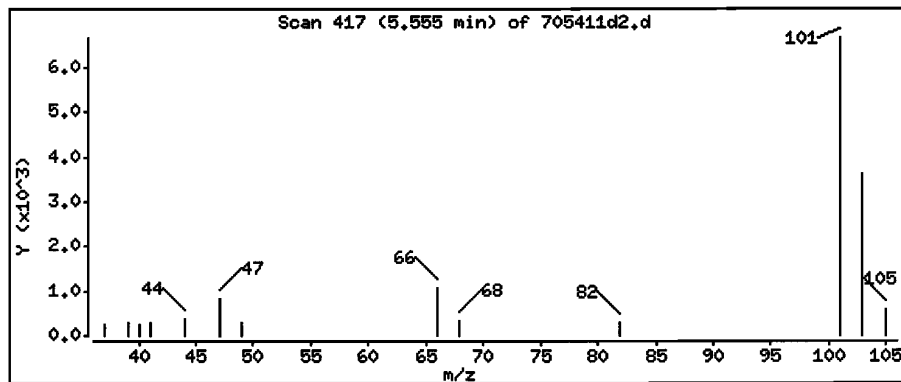
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

9 Trichlorofluoromethane

Concentration: 8.0 ppbv



Data File: /chem/C.i/Csvr.p/cfjdto15.b/705411d2.d

Page 6

Date : 19-APR-2007 09:03

Client ID: IA-5

Instrument: C.i

Sample Info: IA-5 :[103/29/07 @ (AIR)

Purge Volume: 67.0

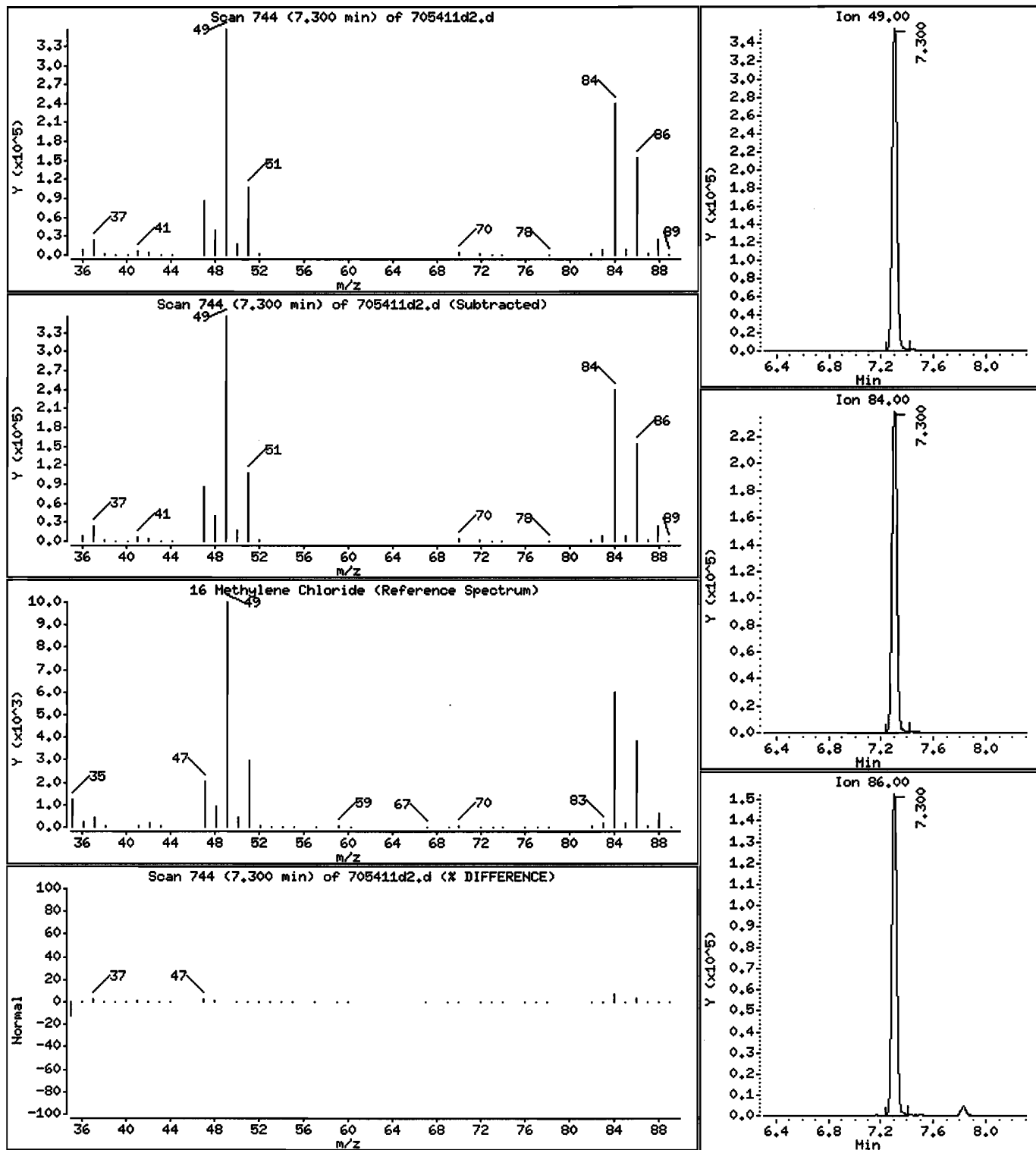
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 1400 ppbv



Data File: /chem/C.i/Csvr.p/cfjdt015.b/705411d2.d

Page 7

Date : 19-APR-2007 09:03

Client ID: IA-5

Instrument: C.i

Sample Info: IA-5 :[103/29/07 @ (AIR)

Purge Volume: 67.0

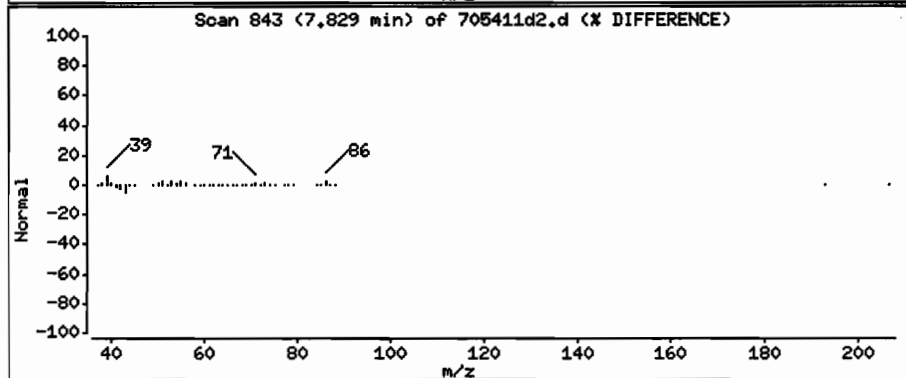
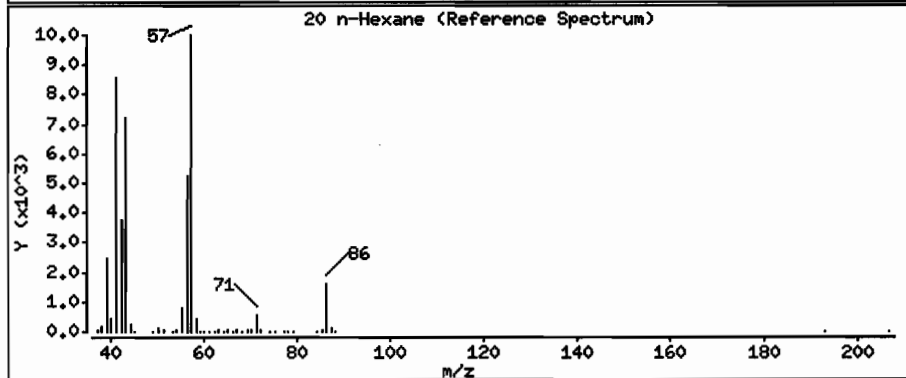
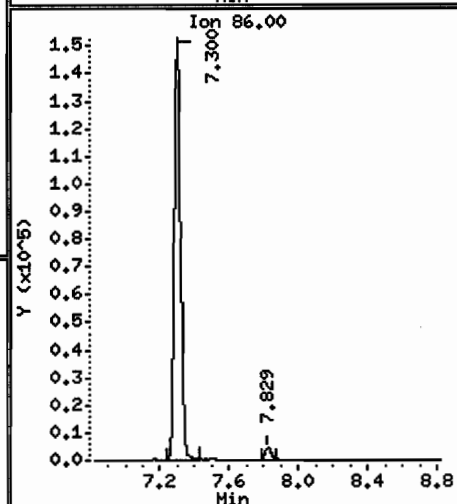
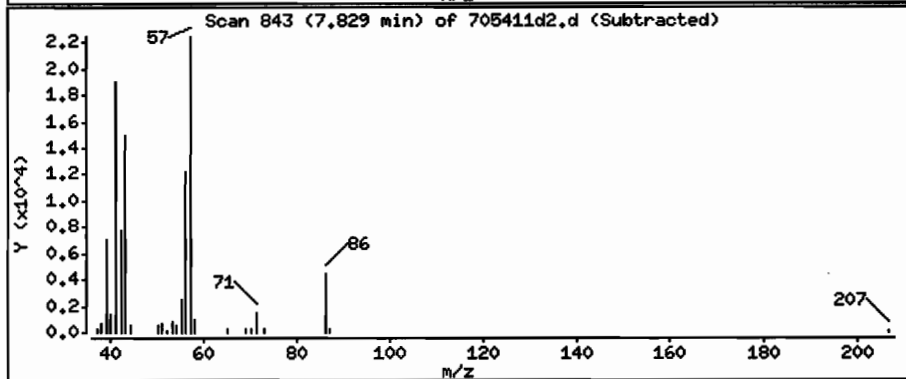
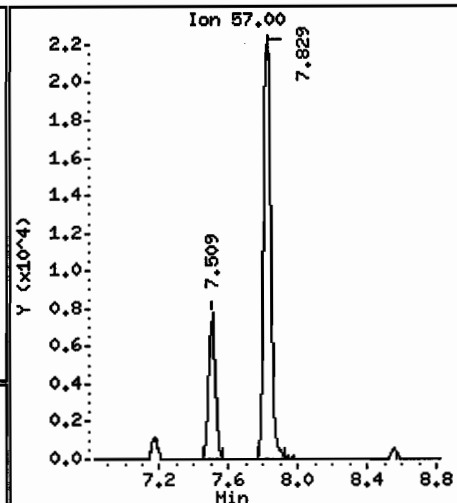
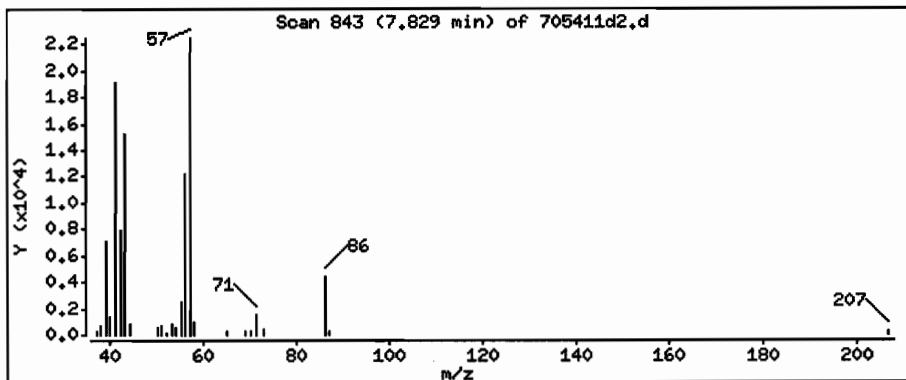
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

20 n-Hexane

Concentration: 71 ppbv



Date : 19-APR-2007 09:03

Client ID: IA-5

Instrument: C.i

Sample Info: IA-5 :I 103/29/07 @ (AIR)

Purge Volume: 67.0

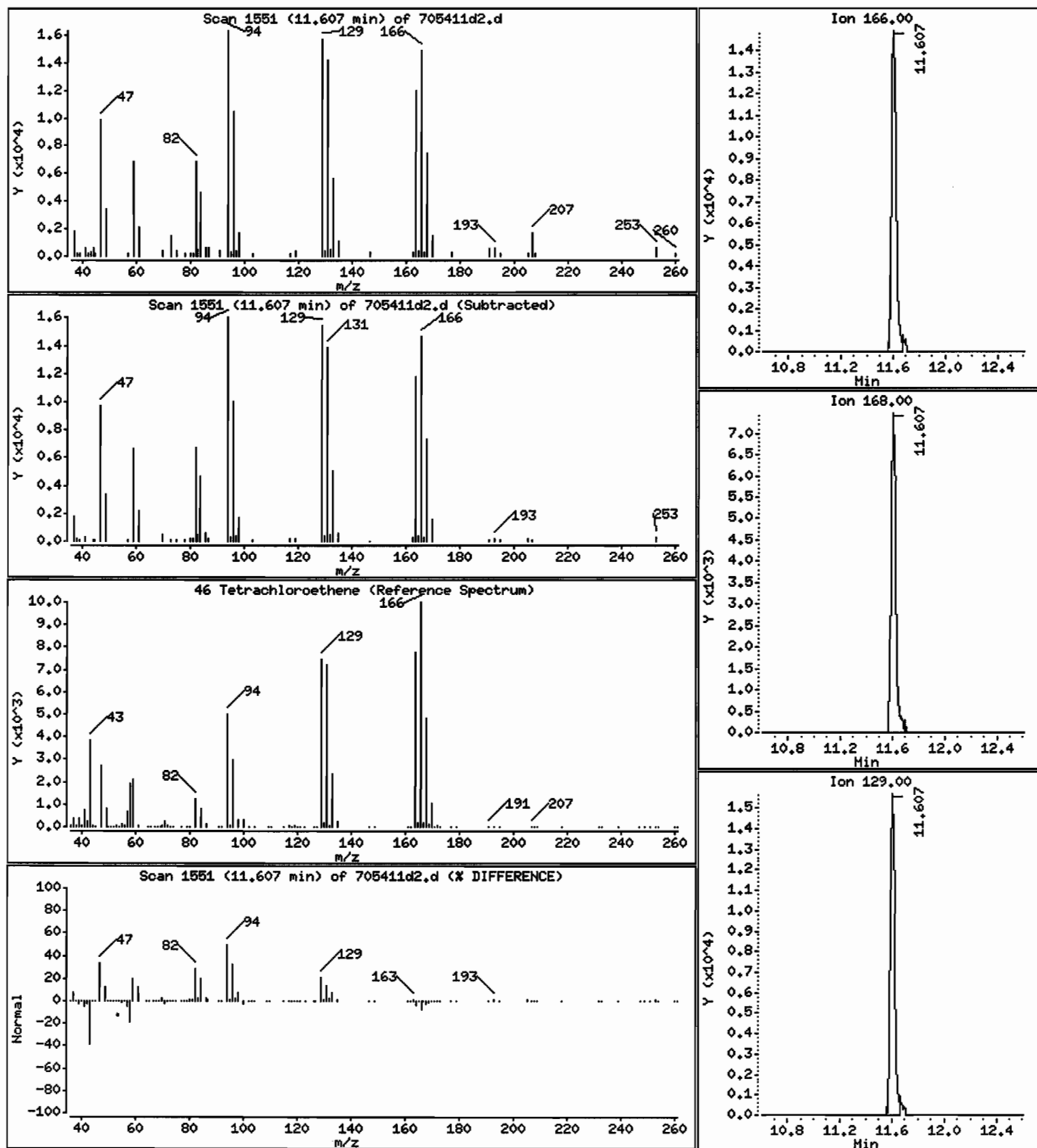
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 33 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705402

Sample wt/vol: 133.0 (g/mL) ML

Lab File ID: 705402D

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.5

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	0.75	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	0.30	U
74-87-3-----	Chloromethane	0.75	U
75-01-4-----	Vinyl Chloride	0.30	U
106-99-0-----	1,3-Butadiene	0.75	U
74-83-9-----	Bromomethane	0.30	U
75-00-3-----	Chloroethane	0.75	U
593-60-2-----	Bromoethene	0.30	U
75-69-4-----	Trichlorofluoromethane	1.1	
76-13-1-----	Freon TF	0.30	U
75-35-4-----	1,1-Dichloroethene	0.30	U
67-64-1-----	Acetone	23	
67-63-0-----	Isopropyl Alcohol	7.5	U
75-15-0-----	Carbon Disulfide	1.2	
107-05-1-----	3-Chloropropene	0.75	U
75-09-2-----	Methylene Chloride	8.9	
75-65-0-----	tert-Butyl Alcohol	9.0	
1634-04-4-----	Methyl tert-Butyl Ether	0.75	U
156-60-5-----	trans-1,2-Dichloroethene	0.30	U
110-54-3-----	n-Hexane	0.75	U
75-34-3-----	1,1-Dichloroethane	0.30	U
540-59-0-----	1,2-Dichloroethene (total)	0.30	U
78-93-3-----	Methyl Ethyl Ketone	3.8	
156-59-2-----	cis-1,2-Dichloroethene	0.30	U
109-99-9-----	Tetrahydrofuran	7.5	U
67-66-3-----	Chloroform	18	
71-55-6-----	1,1,1-Trichloroethane	18	
110-82-7-----	Cyclohexane	1.2	
56-23-5-----	Carbon Tetrachloride	0.30	U
540-84-1-----	2,2,4-Trimethylpentane	0.30	U
71-43-2-----	Benzene	0.81	
107-06-2-----	1,2-Dichloroethane	0.30	U
142-82-5-----	n-Heptane	0.30	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705402

Sample wt/vol: 133.0 (g/mL) ML

Lab File ID: 705402D

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.5

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

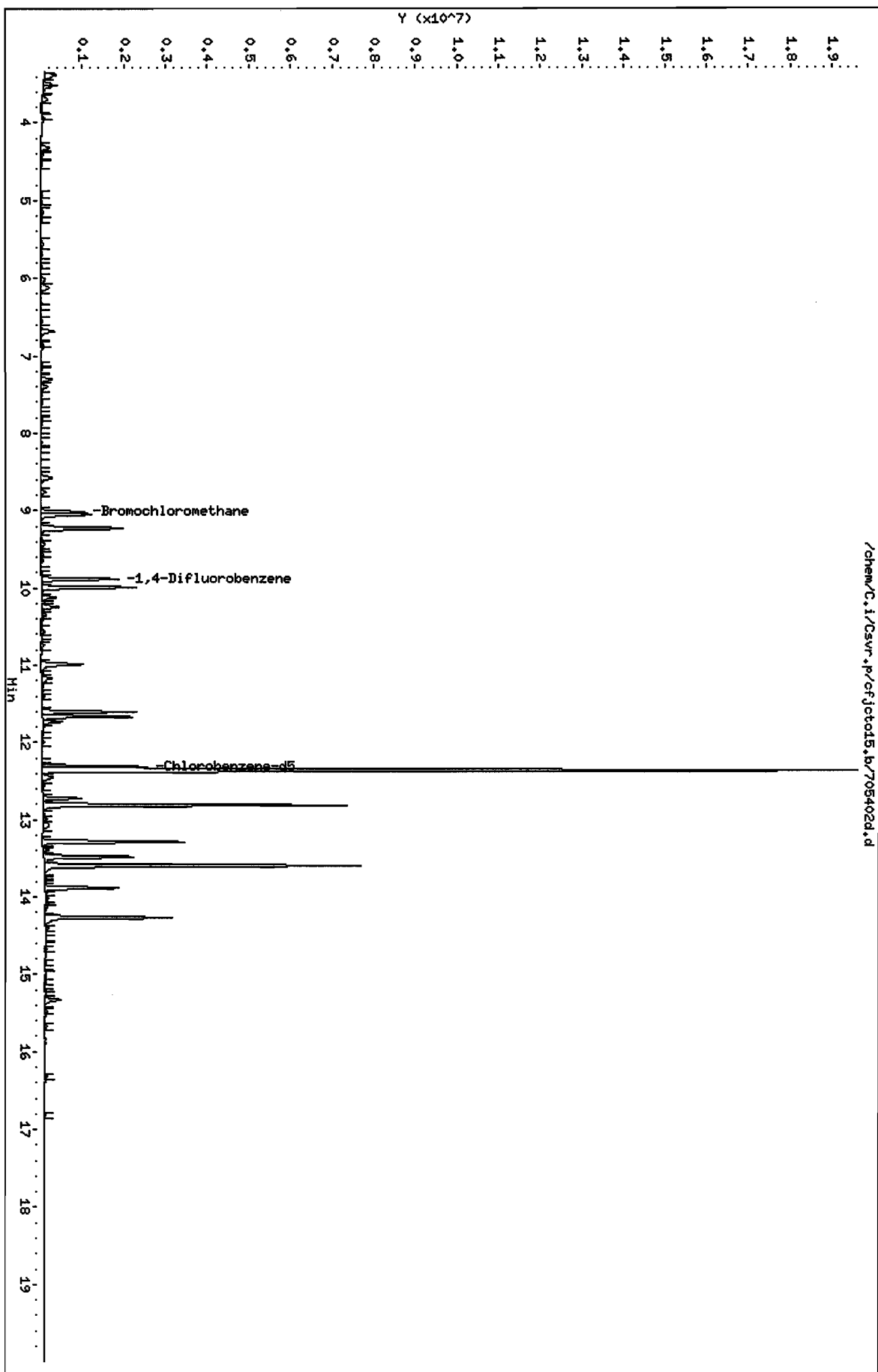
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

79-01-6-----	Trichloroethene	3.0	
78-87-5-----	1,2-Dichloropropane	0.30	U
123-91-1-----	1,4-Dioxane	7.5	U
75-27-4-----	Bromodichloromethane	0.76	
10061-01-5-----	cis-1,3-Dichloropropene	0.30	U
108-10-1-----	Methyl Isobutyl Ketone	21	
108-88-3-----	Toluene	2.2	
10061-02-6-----	trans-1,3-Dichloropropene	0.30	U
79-00-5-----	1,1,2-Trichloroethane	0.30	U
127-18-4-----	Tetrachloroethene	12	
591-78-6-----	Methyl Butyl Ketone	51	
124-48-1-----	Dibromochloromethane	0.30	U
106-93-4-----	1,2-Dibromoethane	0.30	U
108-90-7-----	Chlorobenzene	0.30	U
100-41-4-----	Ethylbenzene	0.53	
1330-20-7-----	Xylene (m,p)	1.1	
95-47-6-----	Xylene (o)	0.35	
1330-20-7-----	Xylene (total)	1.5	
100-42-5-----	Styrene	0.30	U
75-25-2-----	Bromoform	0.30	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.30	U
622-96-8-----	4-Ethyltoluene	0.42	
108-67-8-----	1,3,5-Trimethylbenzene	0.30	U
95-49-8-----	2-Chlorotoluene	0.30	U
95-63-6-----	1,2,4-Trimethylbenzene	0.63	
541-73-1-----	1,3-Dichlorobenzene	0.30	U
106-46-7-----	1,4-Dichlorobenzene	0.65	
95-50-1-----	1,2-Dichlorobenzene	0.30	U
120-82-1-----	1,2,4-Trichlorobenzene	0.75	U
87-68-3-----	Hexachlorobutadiene	0.30	U
91-20-3-----	Naphthalene	0.75	U

FORM I VOA

Data File: /chem/C.1/Csvr.p/cfjct015.b/705402d.d
Date : 18-APR-2007 04:45
Client ID: SS-1
Sample Info: SS-1 : I 103/29/07 @ (AIR)
Purge Volume: 133.0
Column phase: RTX-624

Instrument: C.1
Operator: wrd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjcto15.b/705402d.d
 Lab Smp Id: 705402 Client Smp ID: SS-1
 Inj Date : 18-APR-2007 04:45
 Operator : wrd Inst ID: C.i
 Smp Info : SS-1 : [] 03/29/07 @ (AIR)
 Misc Info : 705402;041707CA;1.5;133
 Comment :
 Method : /chem/C.i/Csvr.p/cfjcto15.b/rto15.m
 Meth Date : 19-Apr-2007 13:16 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 7
 Dil Factor: 1.50000
 Integrator: HP RTE Compound Sublist: TO15all+N.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.50000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	133.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	MASS						(ppbv)	(ppbv)
-----	----	--	-----	-----	-----	-----	-----	-----
1 Dichlorodifluoromethane	85							
2 1,2-Dichlorotetrafluoroethane	85							
3 Chloromethane	50							
4 Vinyl Chloride	62							
5 1,3-Butadiene	54							
6 Bromomethane	94							
7 Chloroethane	64							
8 Bromoethene	106							
9 Trichlorofluoromethane	101	5.566	5.576	(0.617)	100318	0.75547		1.1
10 Freon TF	101							
11 1,1-Dichloroethene	96							
12 Acetone	43	6.681	6.697	(0.741)	565197	15.1695		23
13 Isopropyl Alcohol	45							
14 Carbon Disulfide	76	6.900	6.916	(0.765)	68692	0.79174		1.2
15 3-Chloropropene	41							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.306	7.316	(0.810)	201453	5.91623	8.9
17 tert-Butyl Alcohol	59	7.396	7.407	(0.820)	275941	6.00281	9.0
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	8.763	8.773	(0.972)	30741	2.52865	3.8 (Q)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.029	(1.000)	241454	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
27 Chloroform	83	9.051	9.061	(1.004)	957181	11.7728	18
28 1,1,1-Trichloroethane	97	9.227	9.238	(0.934)	1424566	11.9406	18
29 Cyclohexane	84	9.232	9.243	(0.934)	45313	0.81484	1.2
30 Carbon Tetrachloride	117	Compound Not Detected.					
31 2,2,4-Trimethylpentane	57	Compound Not Detected.					
32 Benzene	78	9.568	9.579	(0.968)	53764	0.53704	0.81
33 1,2-Dichloroethane	62	Compound Not Detected.					
34 n-Heptane	43	Compound Not Detected.					
* 35 1,4-Difluorobenzene	114	9.883	9.889	(1.000)	1292342	10.0000	
36 Trichloroethene	95	10.118	10.129	(1.024)	104829	2.00142	3.0
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	10.561	10.566	(1.069)	47634	0.50494	0.76
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	10.988	10.993	(1.112)	719156	13.7301	21
43 Toluene	92	11.169	11.175	(0.907)	104027	1.45182	2.2
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	11.607	11.613	(0.943)	504041	8.28821	12
47 Methyl Butyl Ketone	43	11.666	11.650	(0.948)	1640169	33.8334	51 (Q)
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.312	12.317	(1.000)	1351166	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	12.354	12.360	(1.003)	63157	0.35128	0.53
53 Xylene (m,p)	106	12.440	12.445	(1.010)	51792	0.73059	1.1 (Q)
54 Xylene (o)	106	12.792	12.797	(1.039)	16495	0.23392	0.35 (Q)
M 55 Xylene (total)	106				68287	0.96840	1.5
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	13.480	13.507	(1.095)	55877	0.28332	0.42
60 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
61 2-Chlorotoluene	91	Compound Not Detected.					
62 1,2,4-Trimethylbenzene	105	13.886	13.891	(1.128)	75697	0.42095	0.63
63 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG	CONCENTRATIONS					
		ON-COLUMN	FINAL				
	MASS	RT	EXP RT	REL RT	RESPONSE	(ppbv)	(ppbv)
=====	=====	==	=====	=====	=====	=====	=====
64 1,4-Dichlorobenzene	146	14.318	14.324	(1.163)	42634	0.43053	0.65 (Q)
65 1,2-Dichlorobenzene	146	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	179	Compound Not Detected.					
67 Hexachlorobutadiene	225	Compound Not Detected.					
68 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

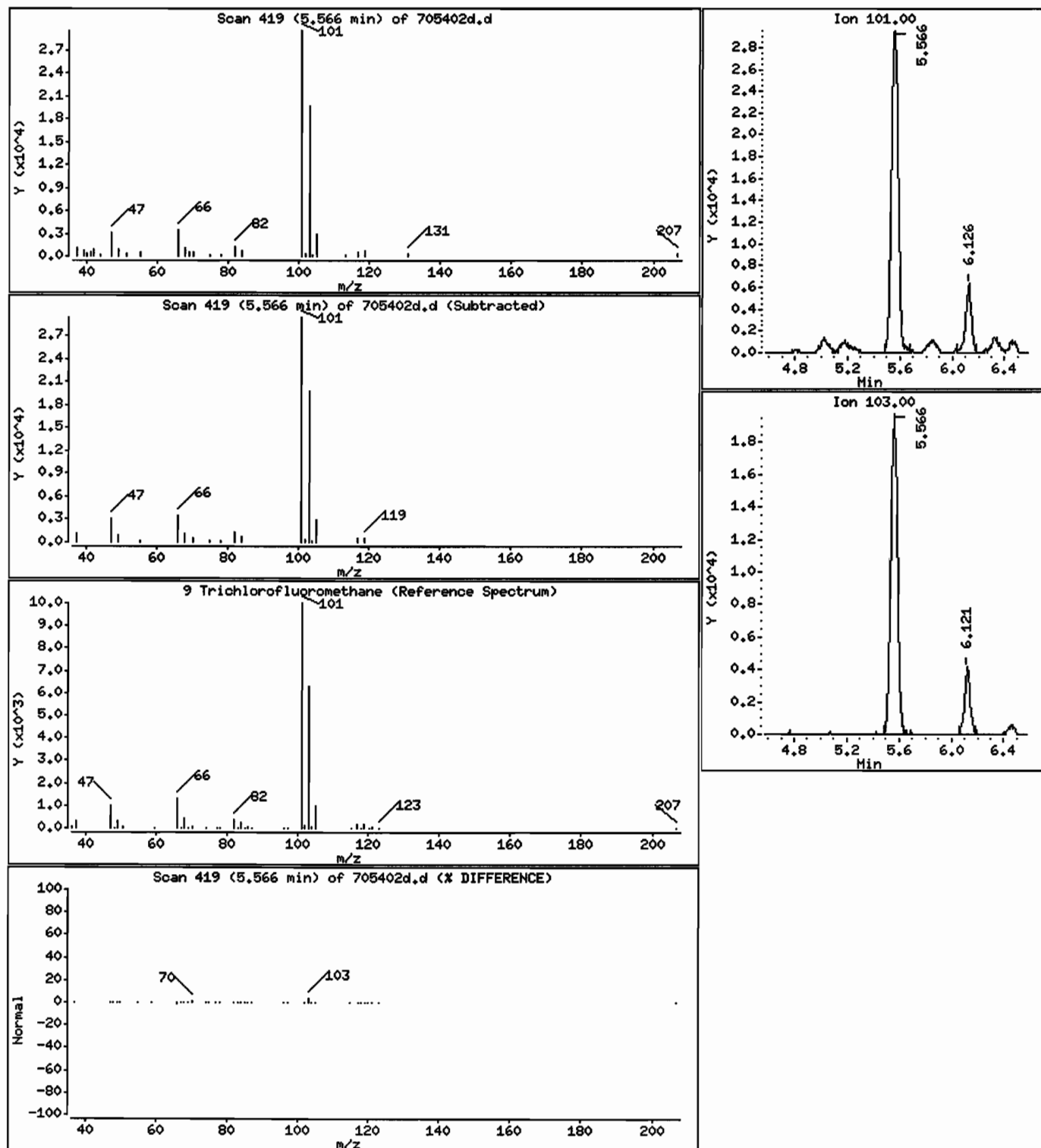
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

9 Trichlorofluoromethane

Concentration: 1.1 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

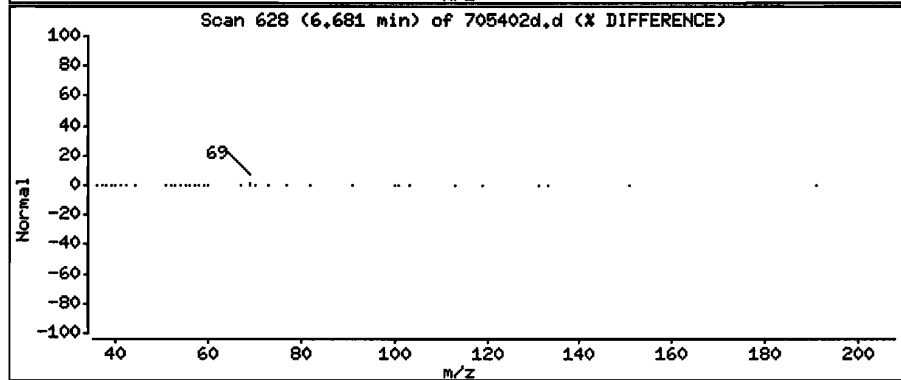
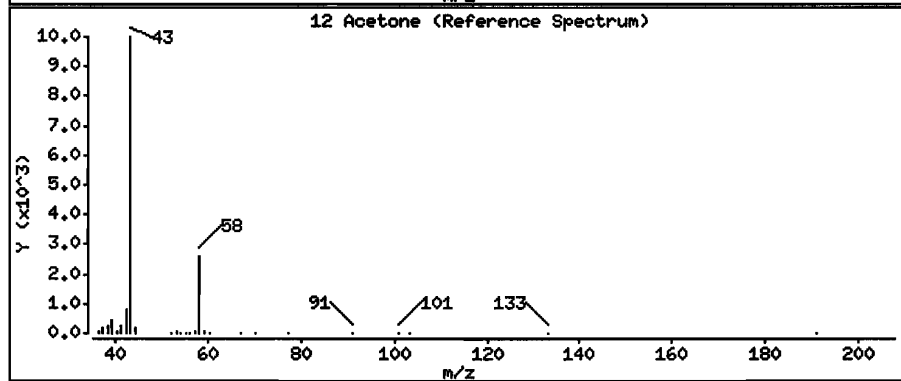
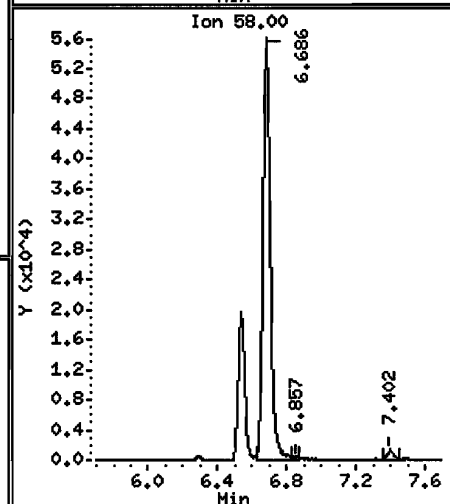
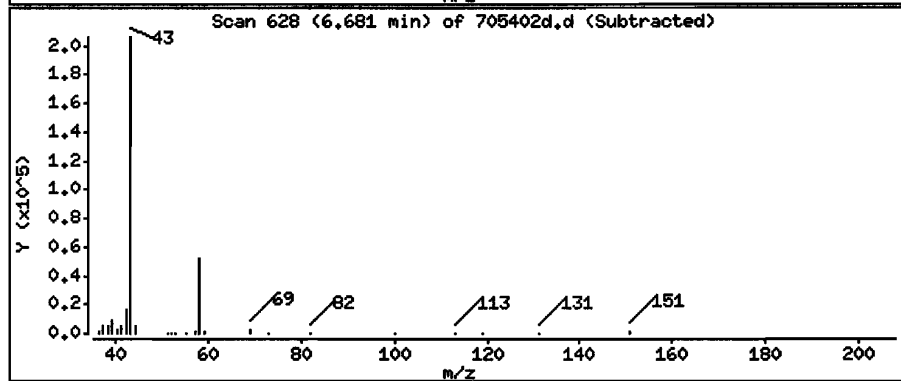
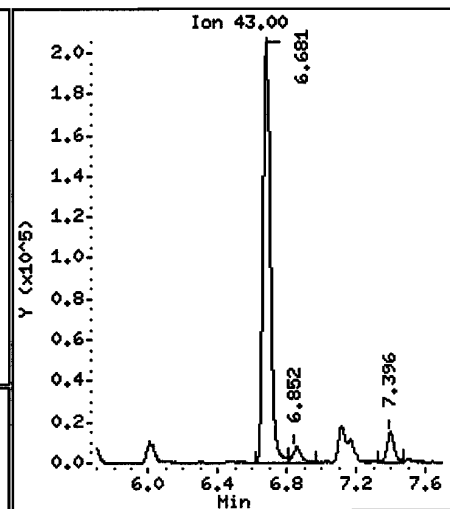
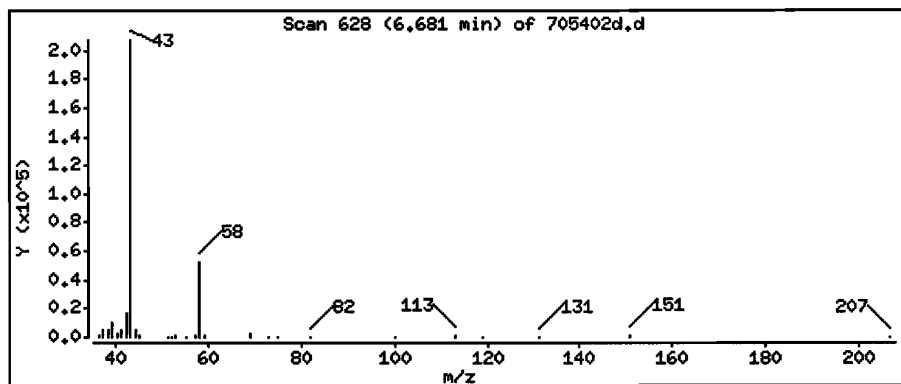
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

12 Acetone

Concentration: 23 ppbv



Data File: /chem/C.i/Csvr.p/cfjcto15.b/705402d.d

Page 7

Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :I 103/29/07 @ (AIR)

Purge Volume: 133.0

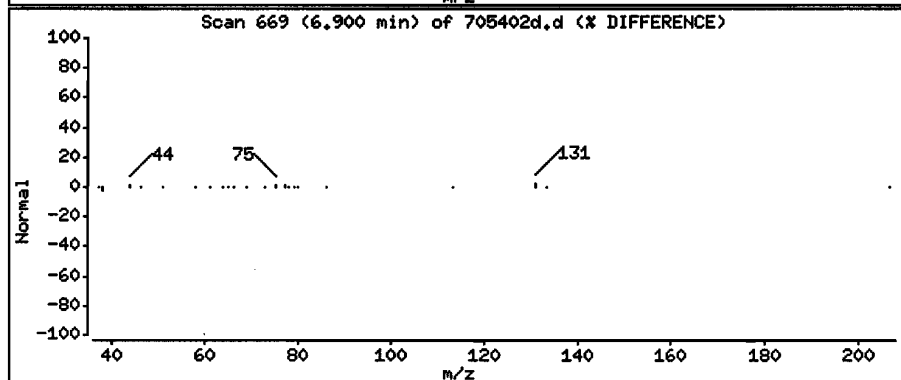
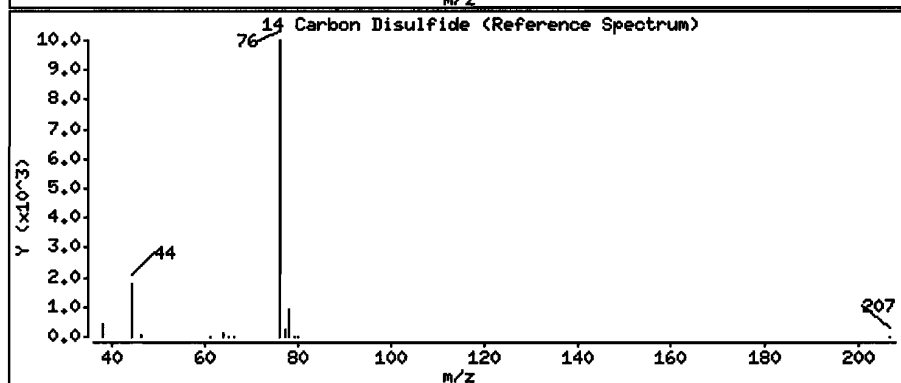
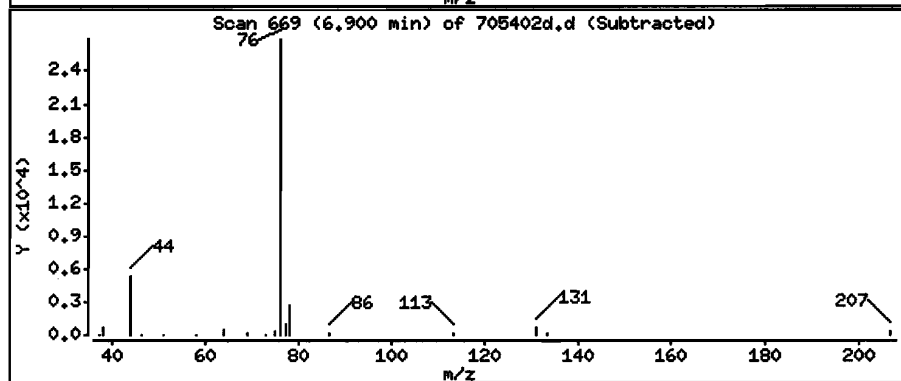
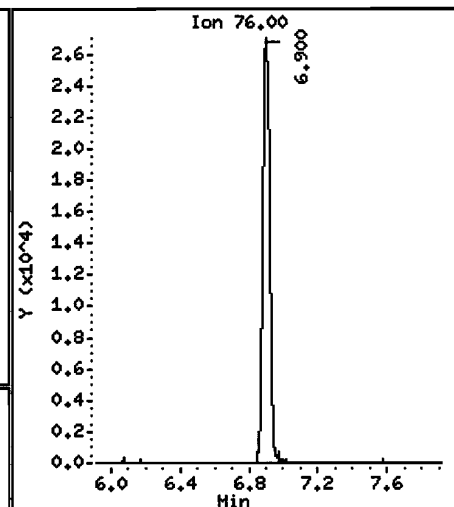
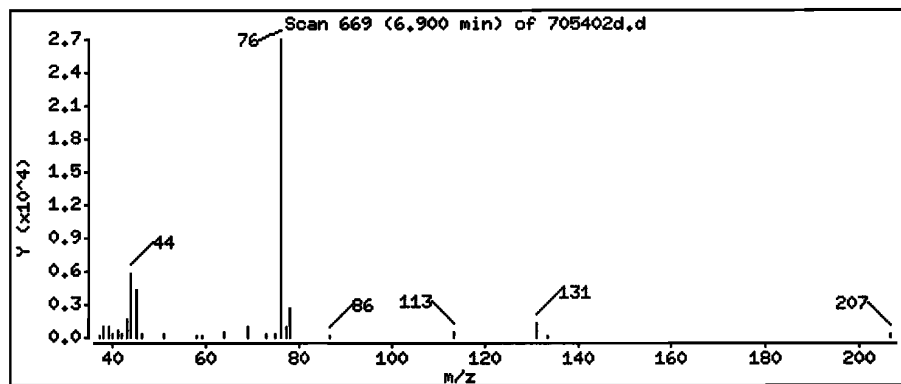
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

14 Carbon Disulfide

Concentration: 1.2 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 : I 103/29/07 @ (AIR)

Purge Volume: 133.0

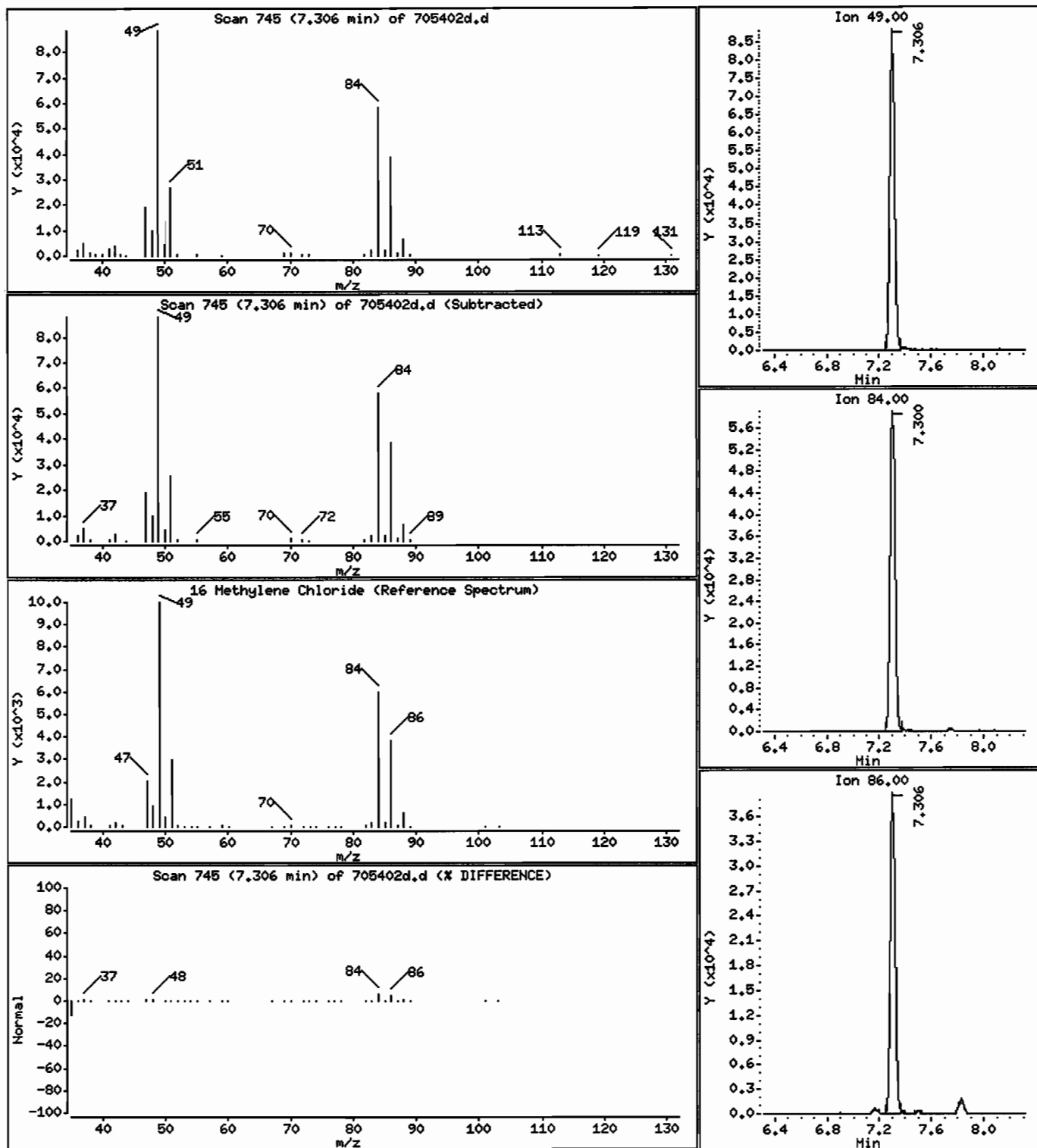
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 8.9 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

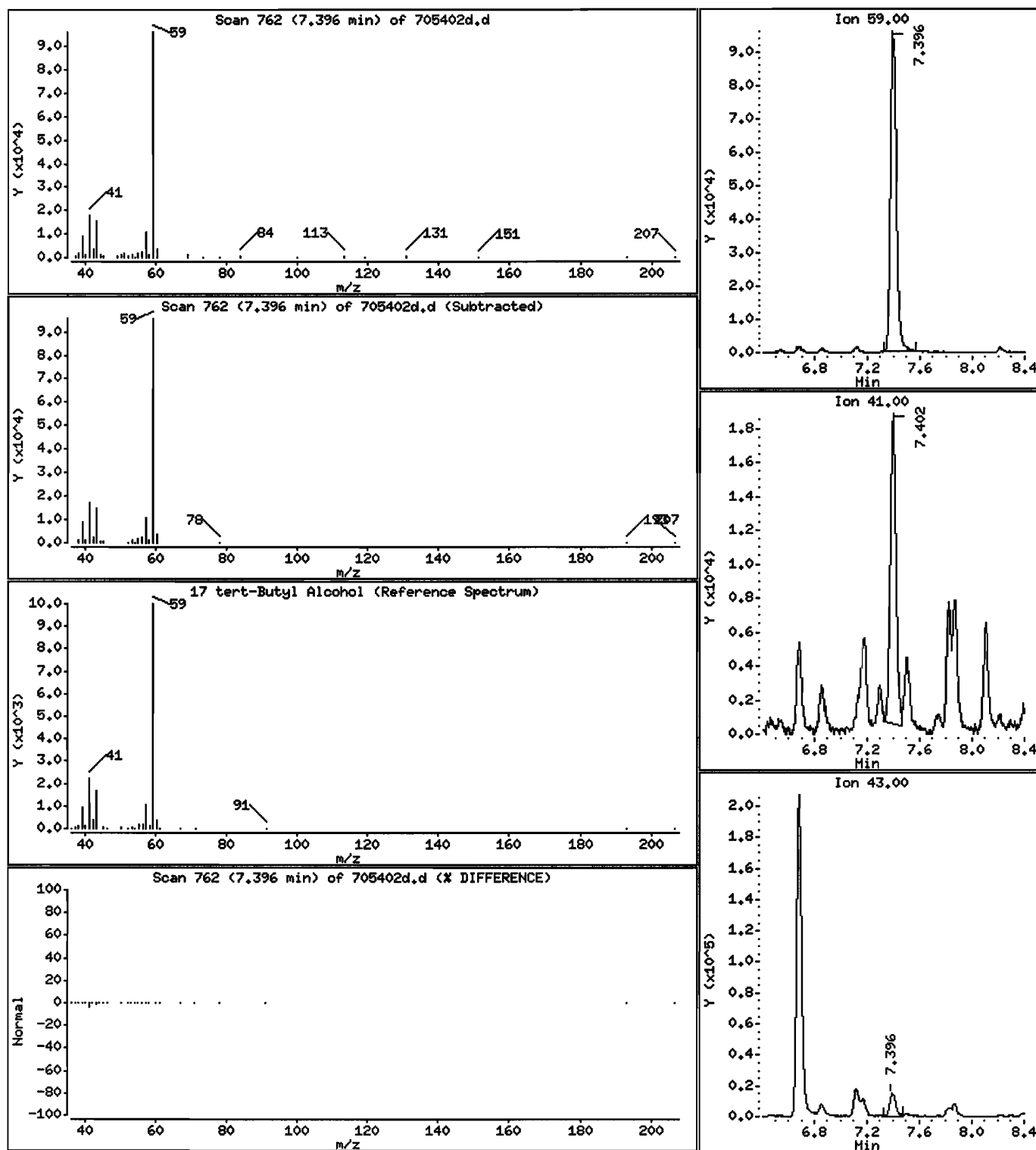
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

17 tert-Butyl Alcohol

Concentration: 9.0 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

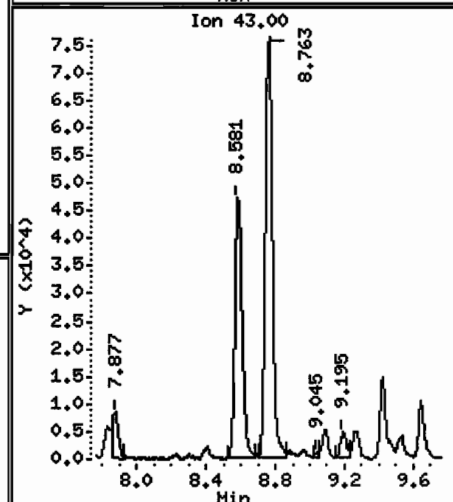
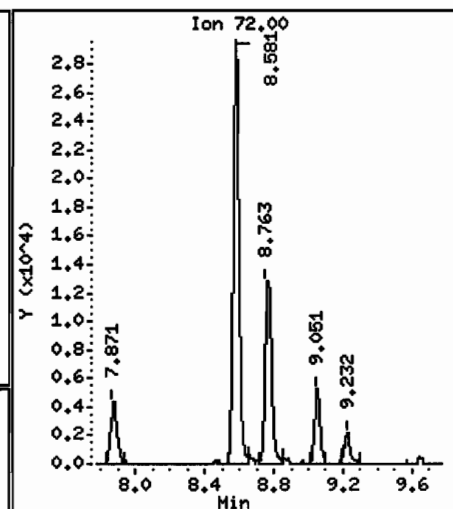
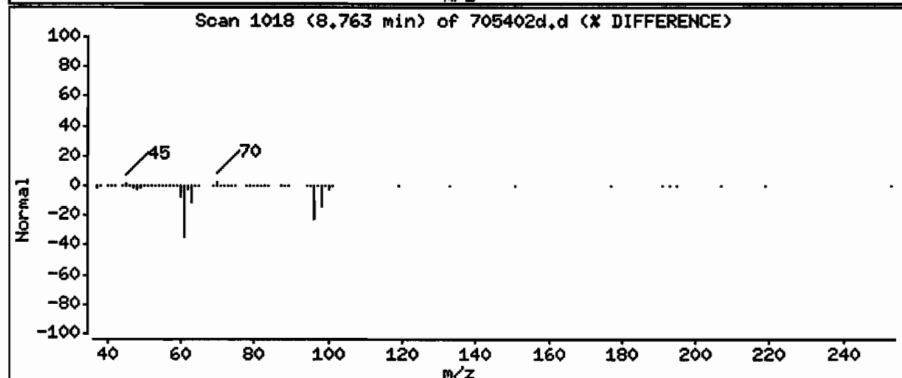
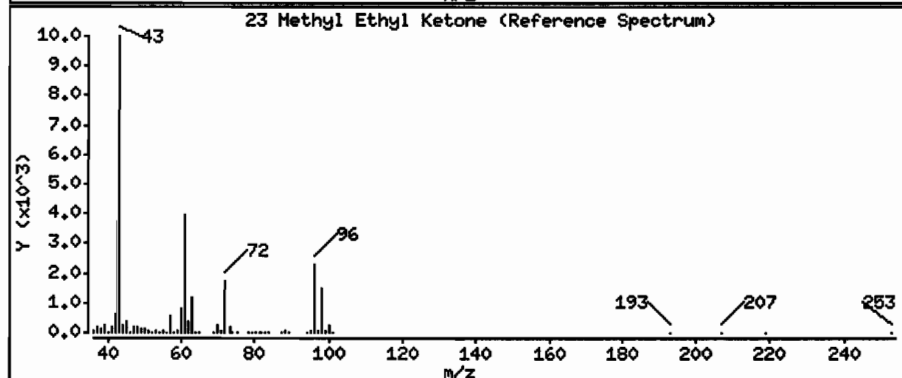
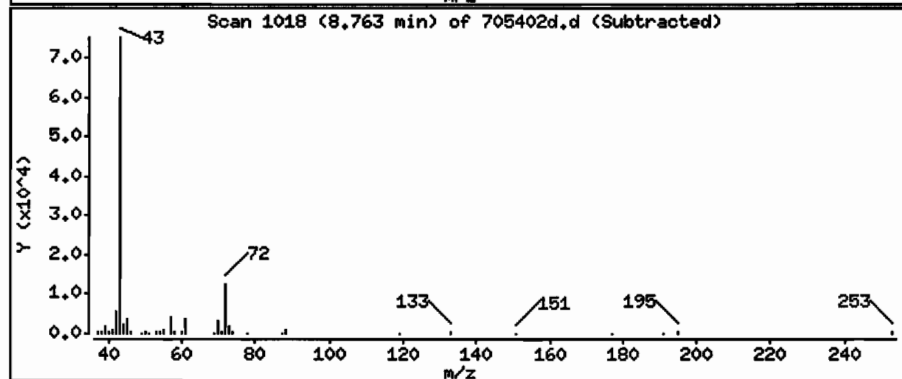
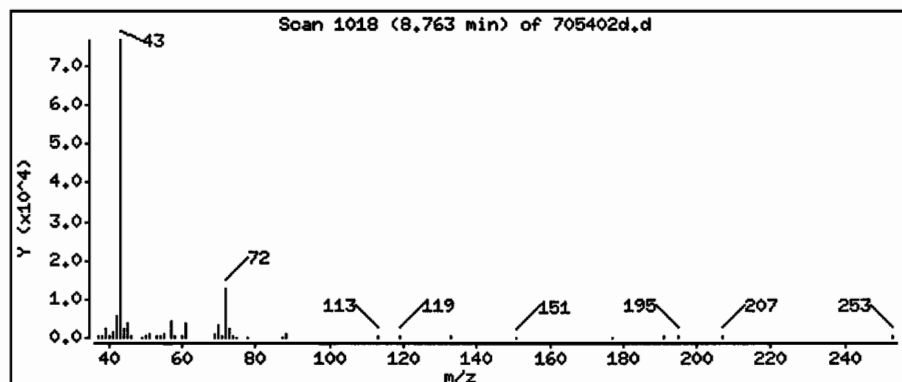
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

23 Methyl Ethyl Ketone

Concentration: 3.8 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

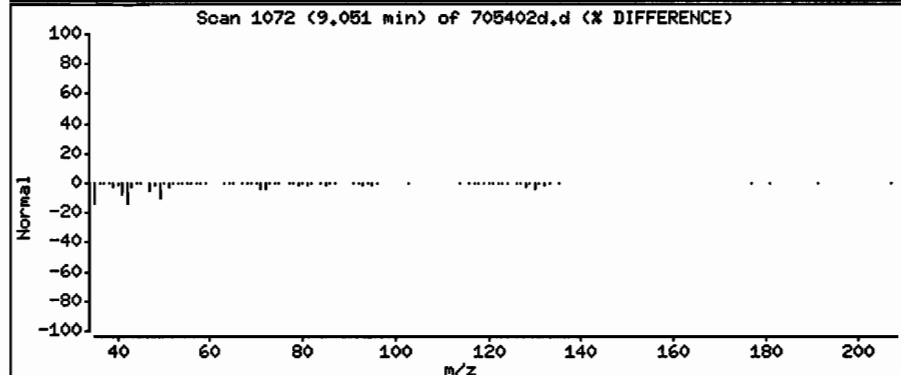
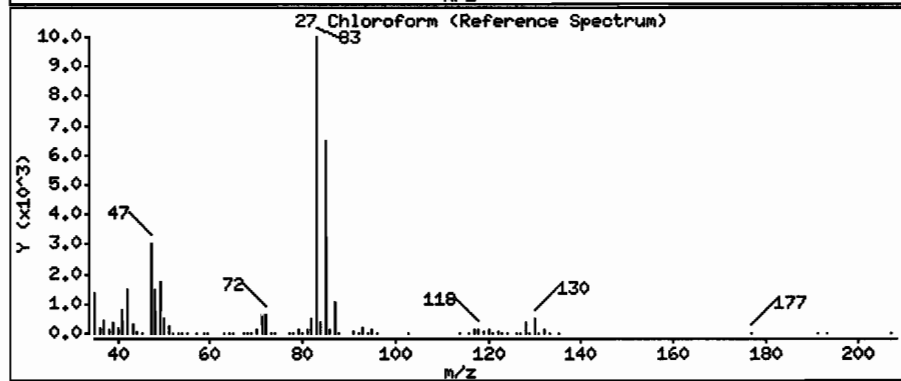
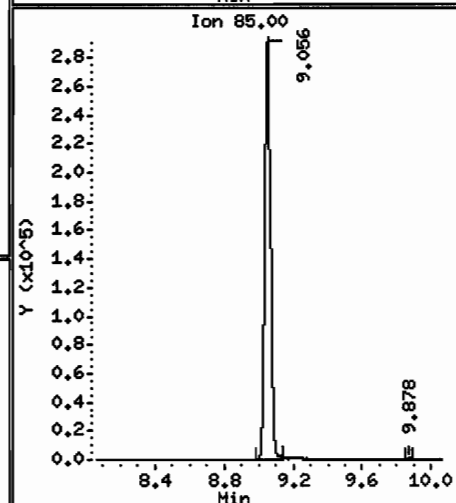
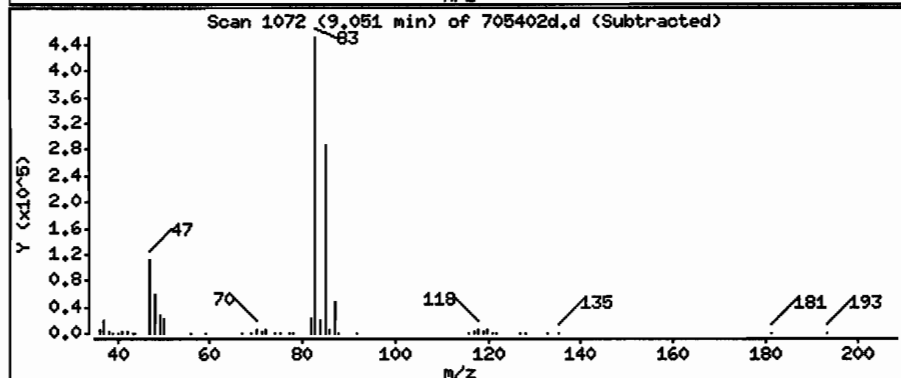
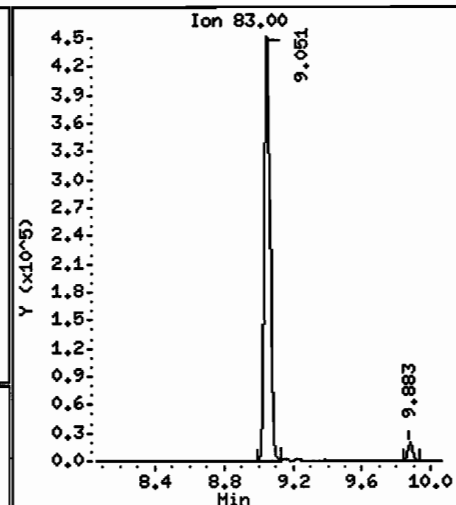
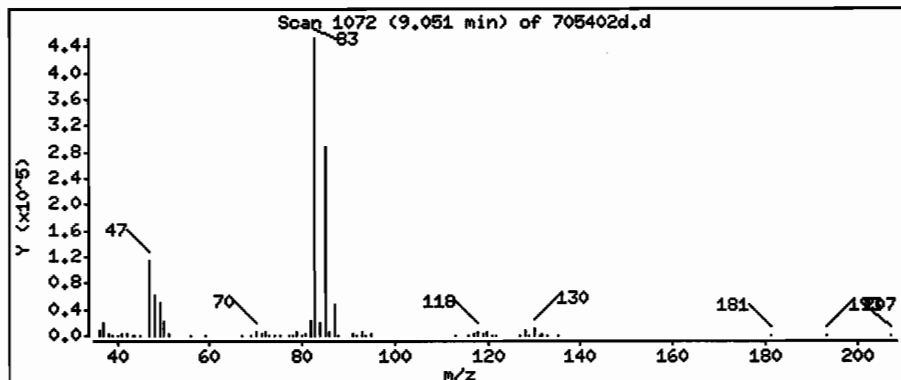
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

27 Chloroform

Concentration: 18 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :I 103/29/07 @ (AIR)

Purge Volume: 133.0

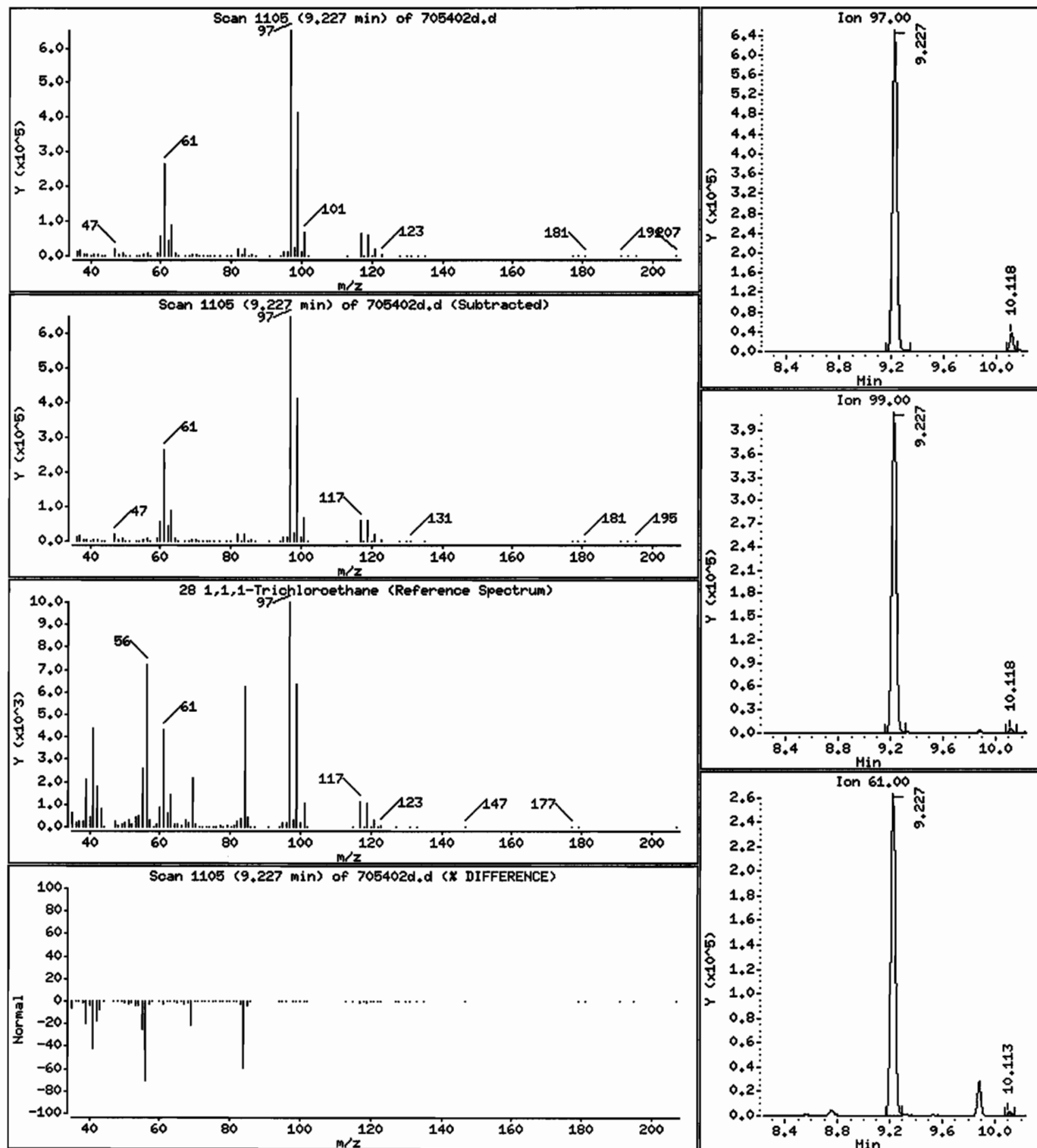
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

28 1,1,1-Trichloroethane

Concentration: 18 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

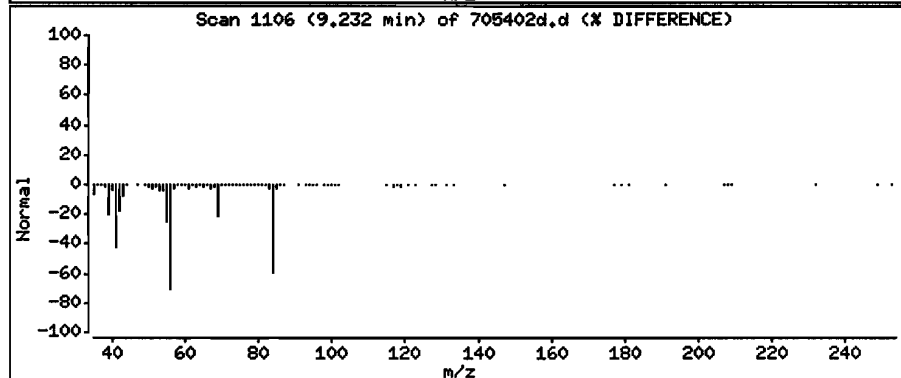
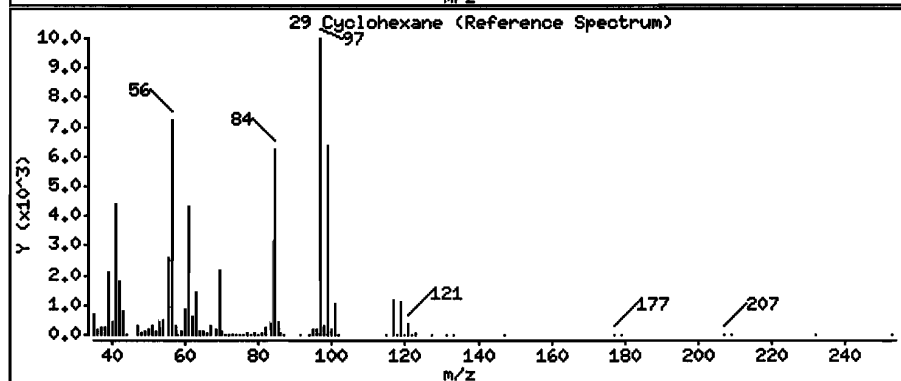
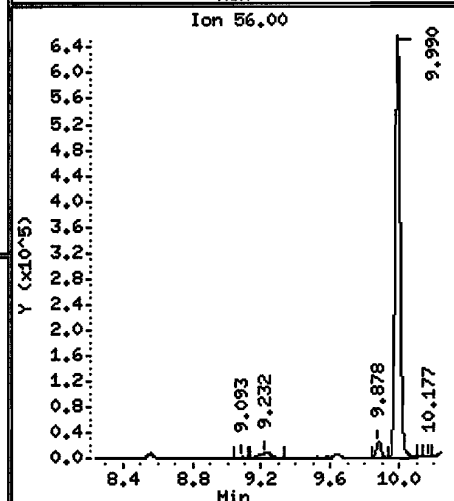
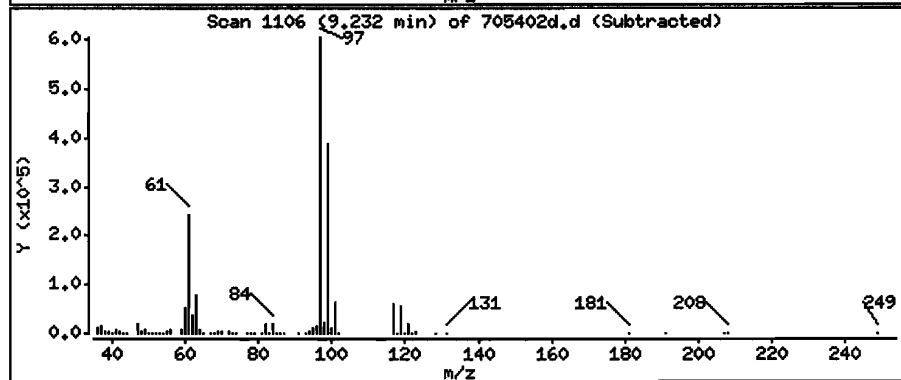
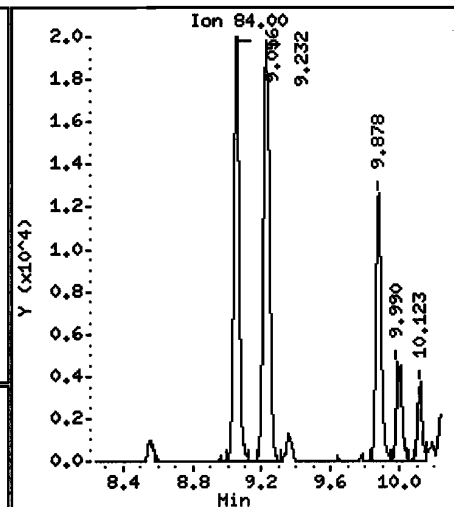
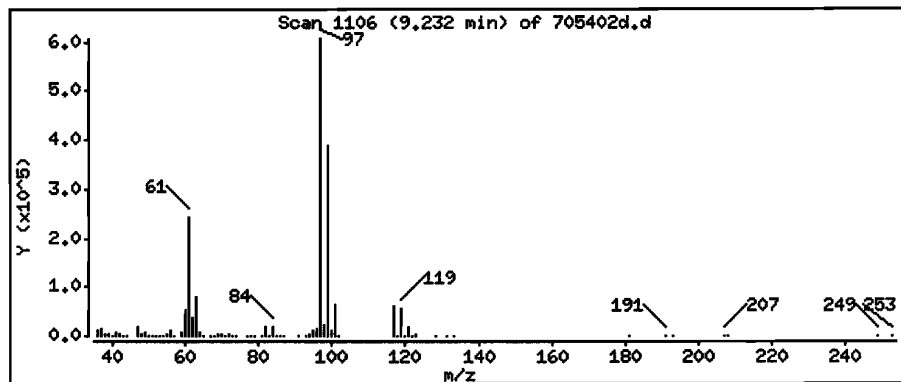
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

29 Cyclohexane

Concentration: 1.2 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

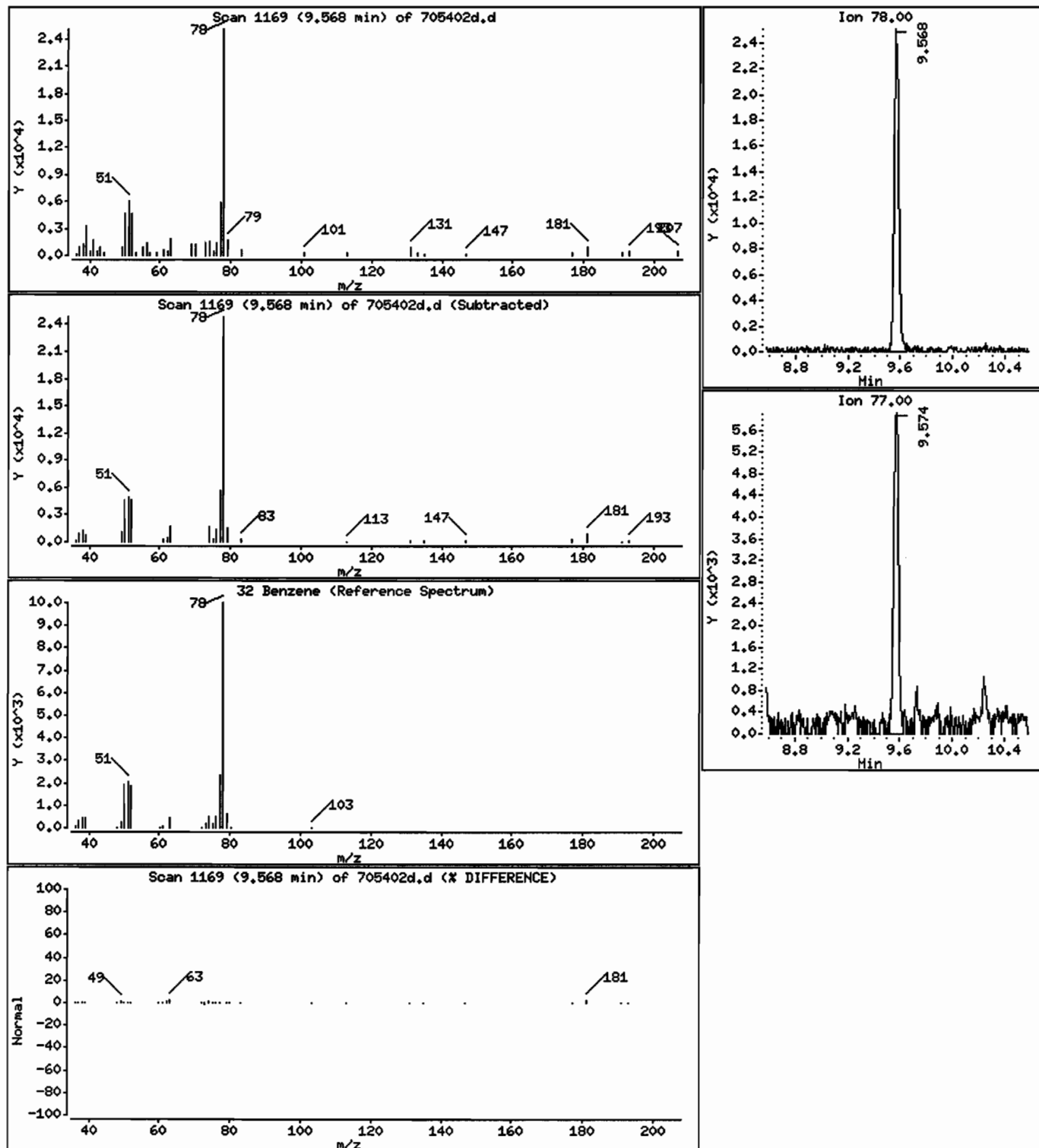
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

32 Benzene

Concentration: 0.81 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :I 103/29/07 @ (AIR)

Purge Volume: 133.0

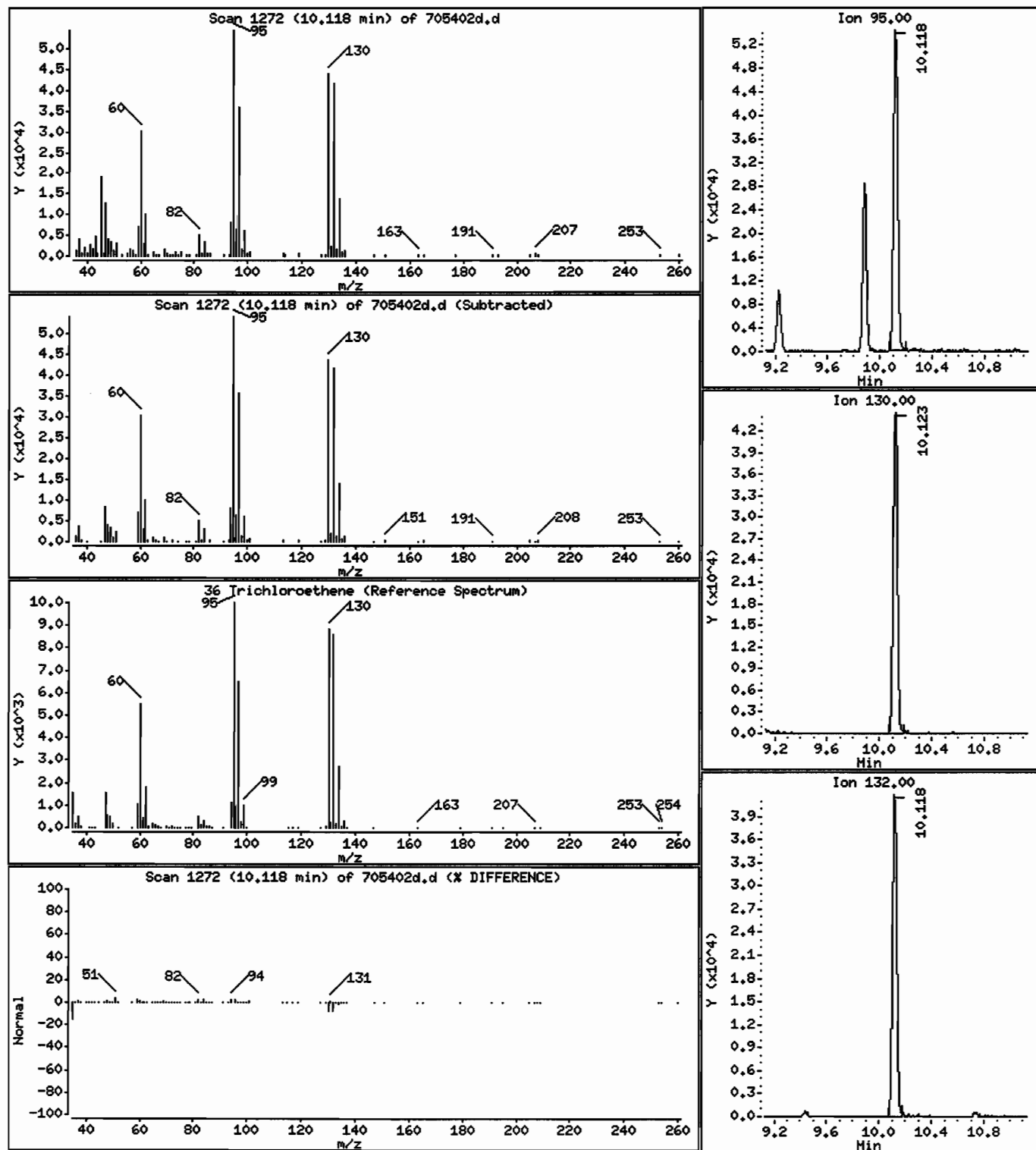
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

36 Trichloroethene

Concentration: 3.0 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

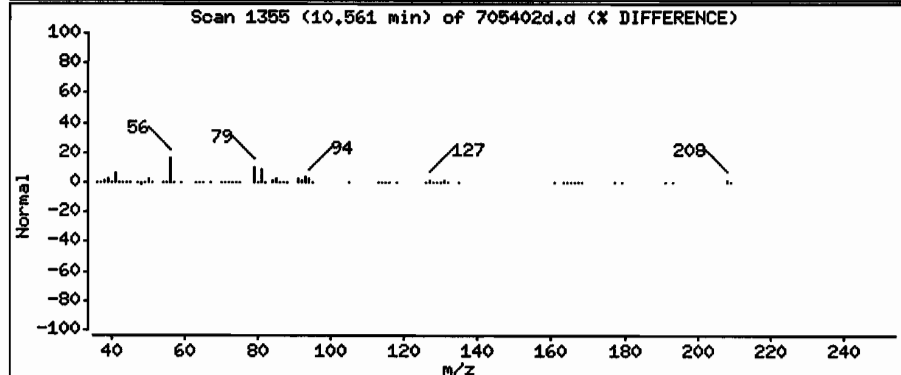
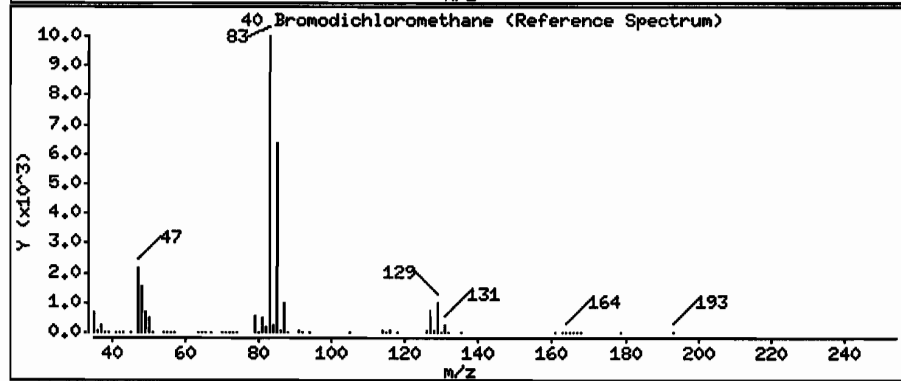
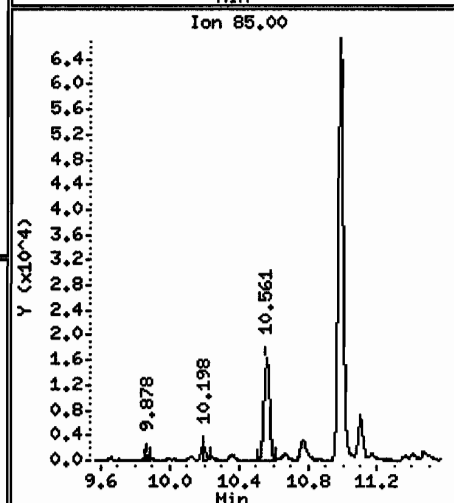
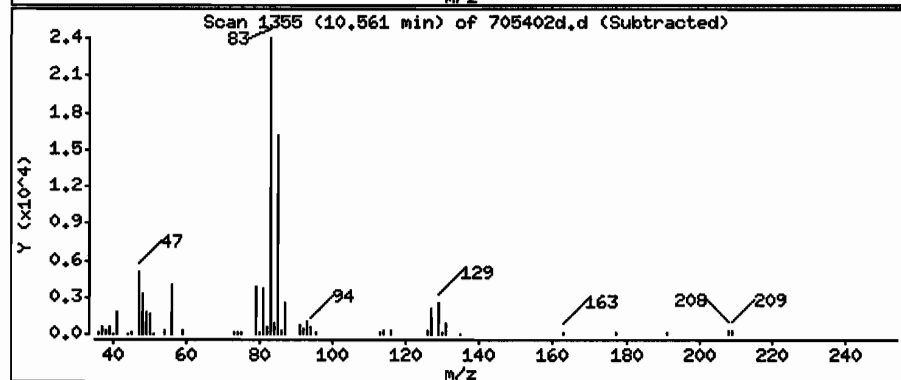
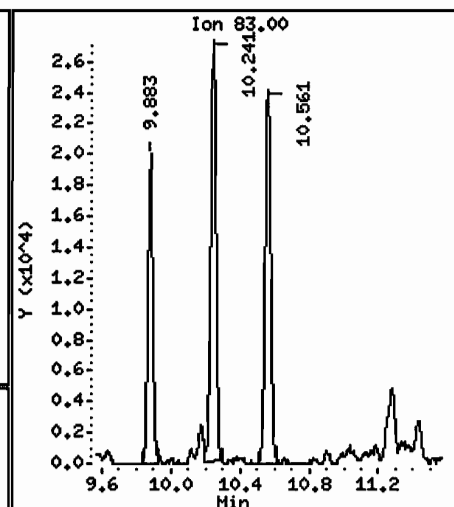
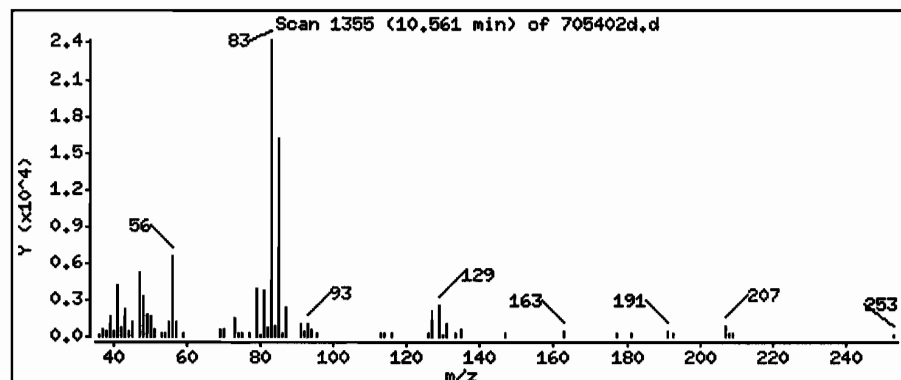
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

40 Bromodichloromethane

Concentration: 0.76 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

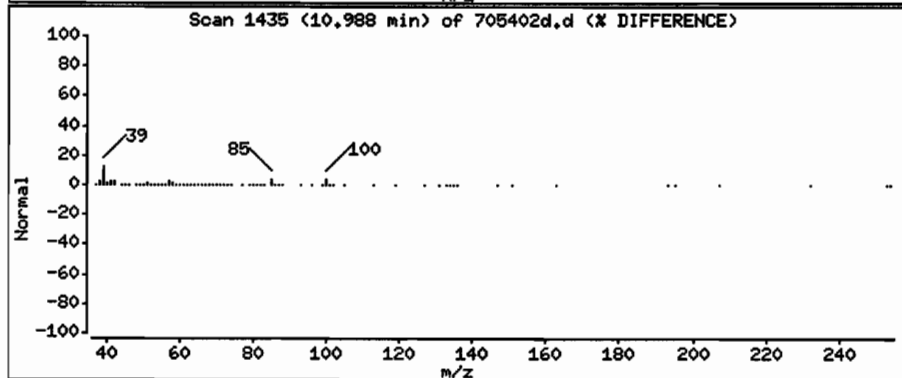
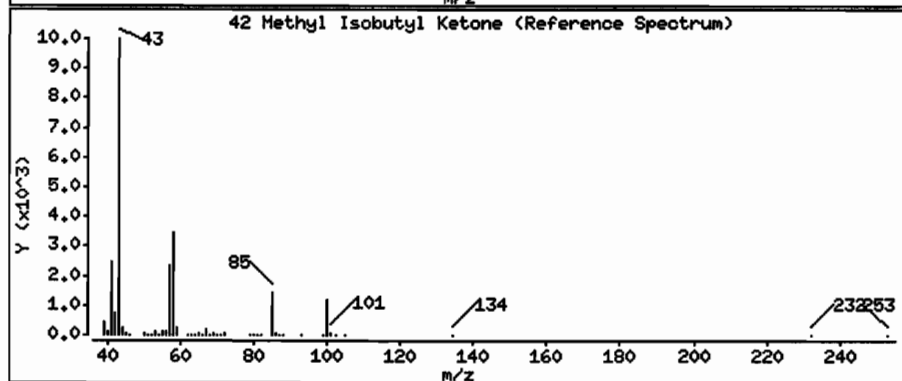
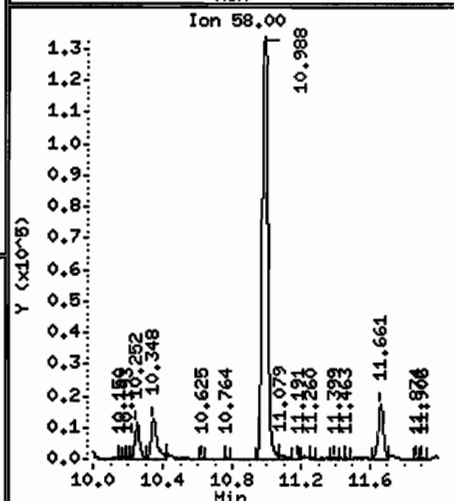
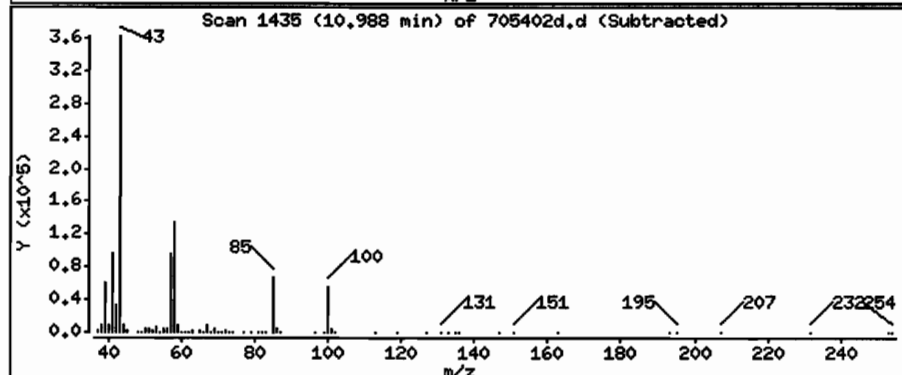
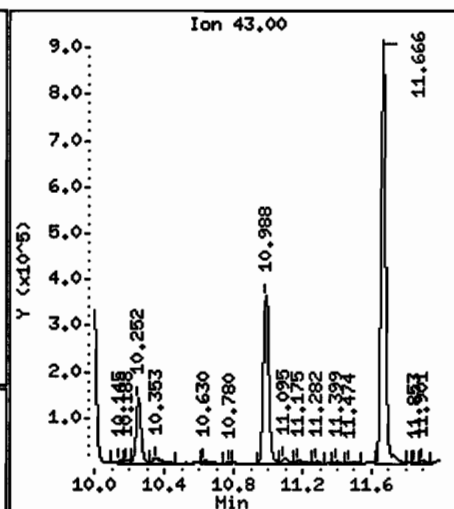
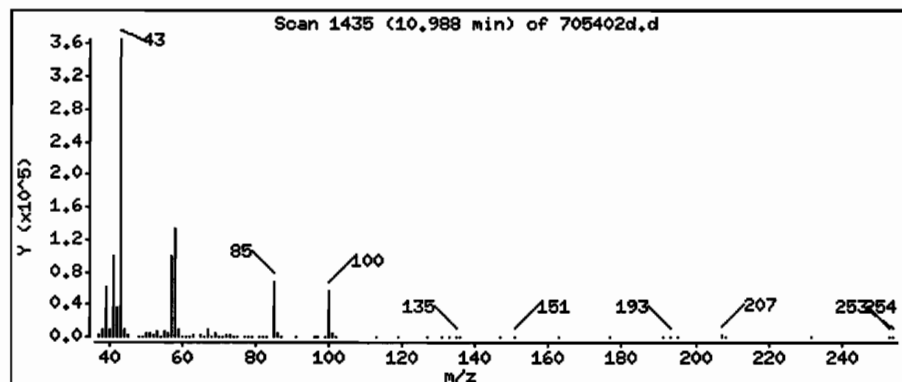
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

42 Methyl Isobutyl Ketone

Concentration: 21 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

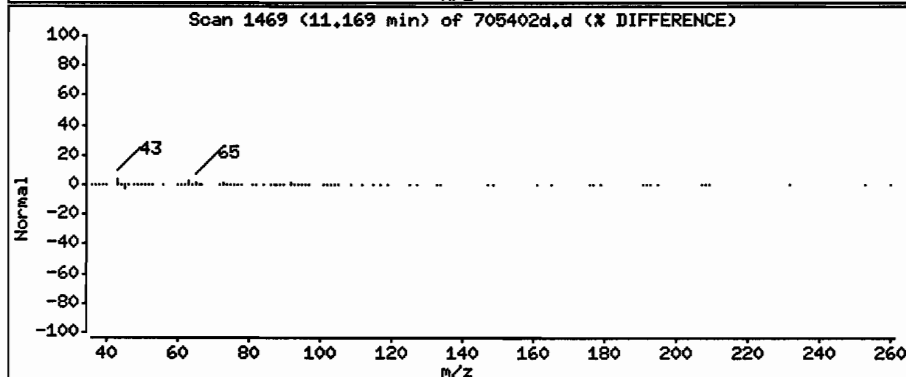
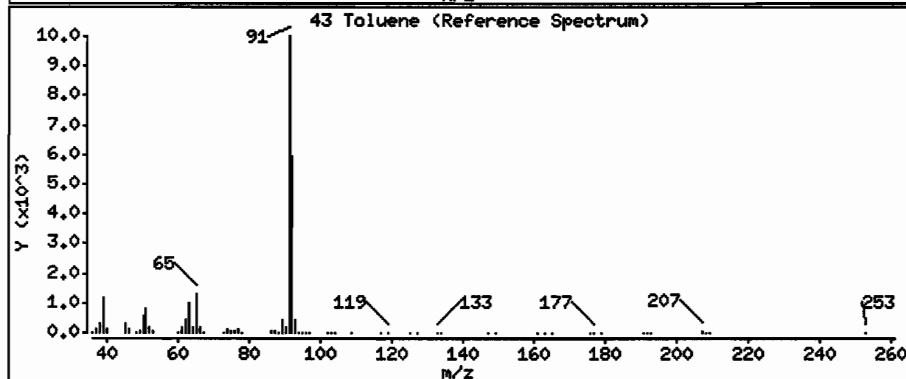
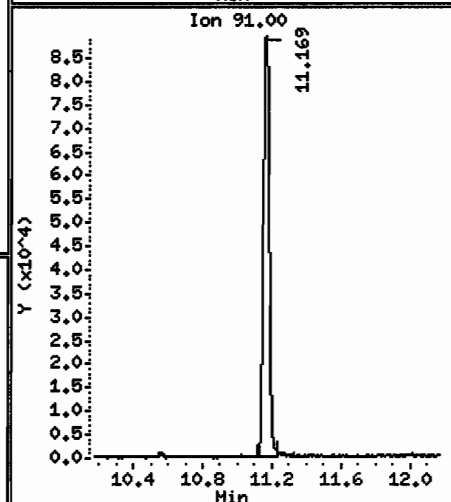
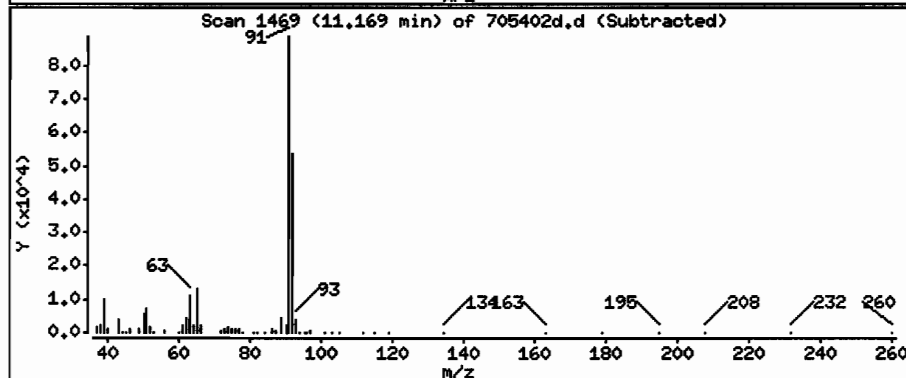
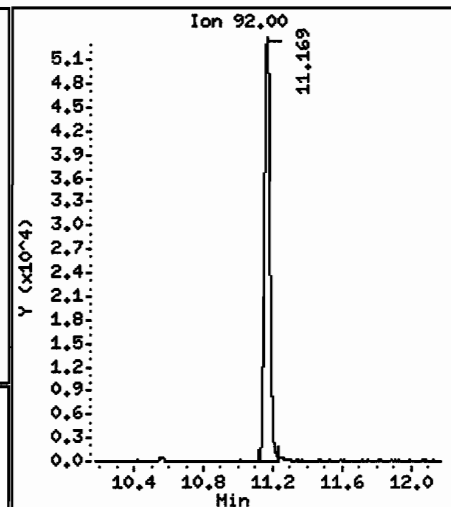
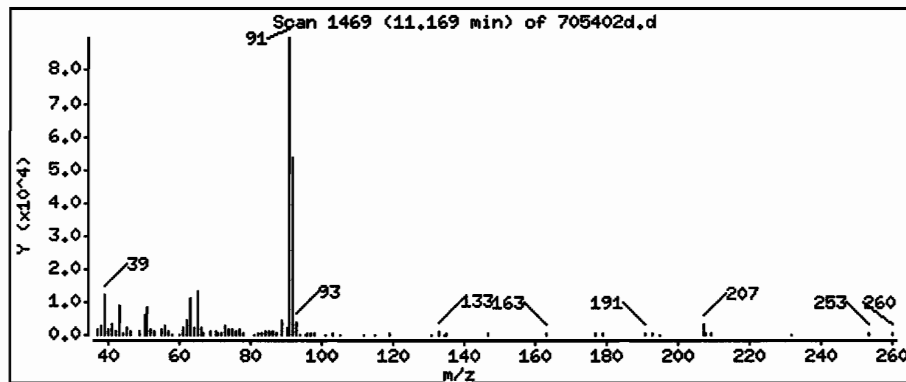
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

43 Toluene

Concentration: 2.2 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :I 103/29/07 @ (AIR)

Purge Volume: 133.0

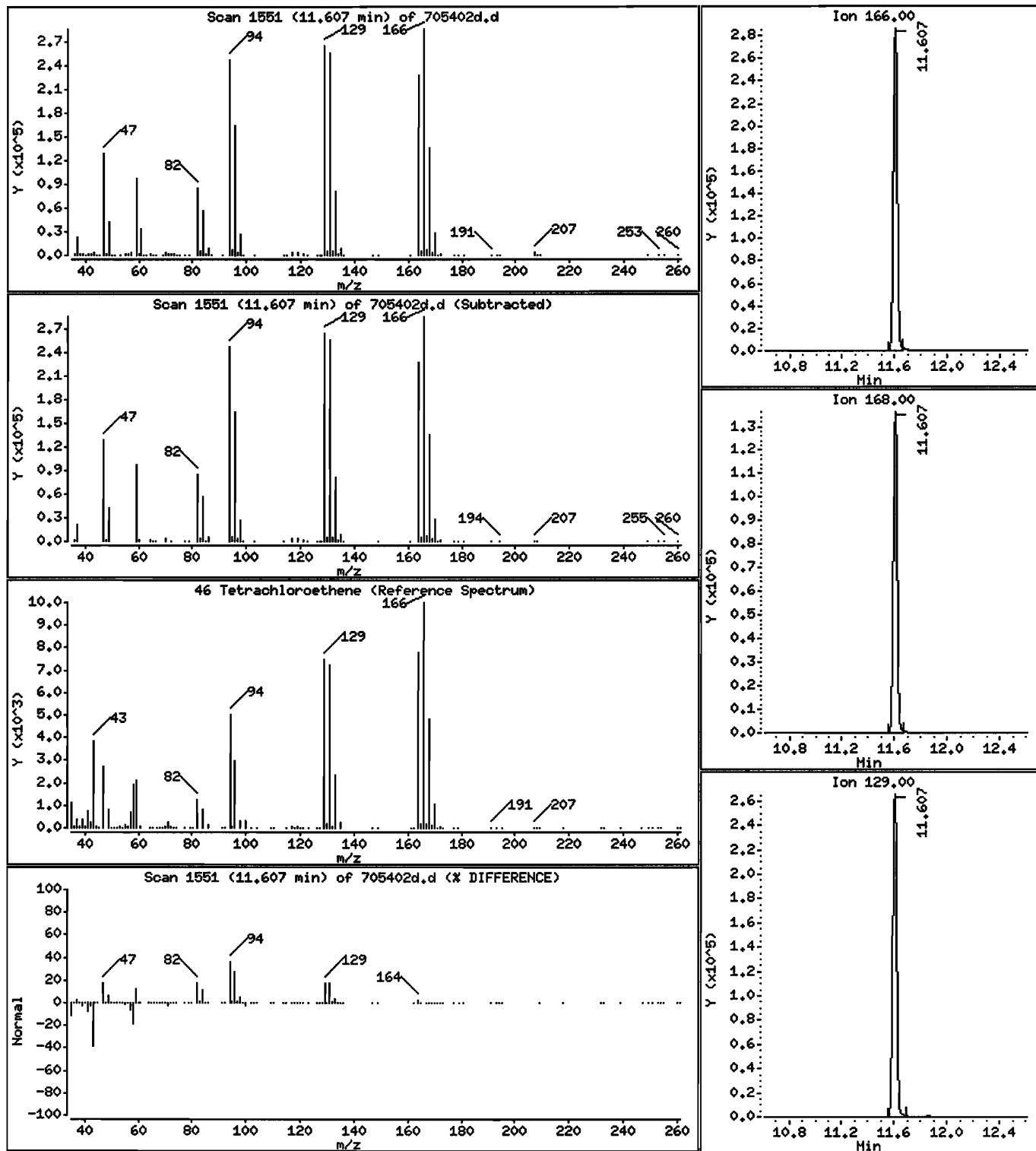
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 12 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

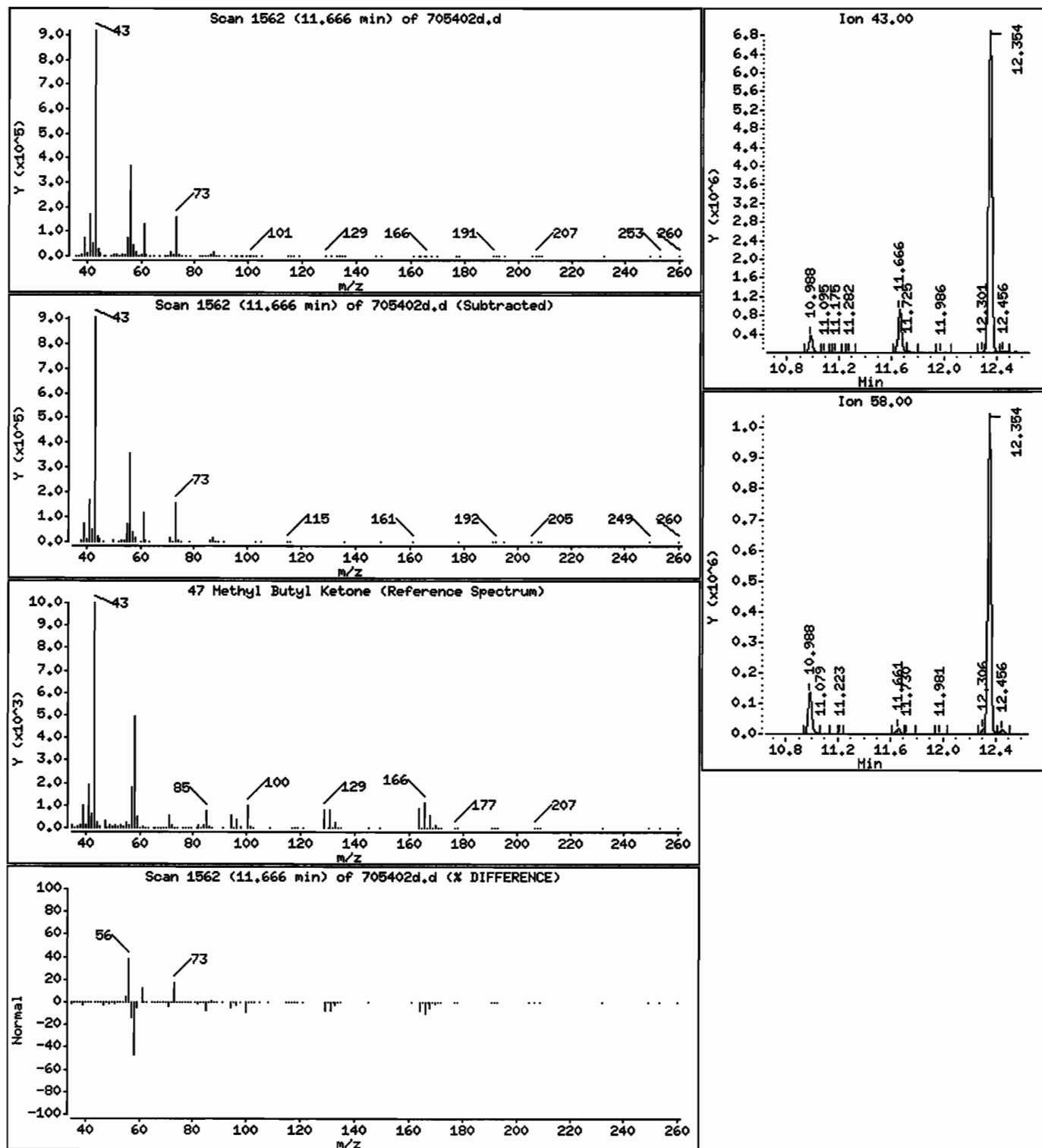
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

47 Methyl Butyl Ketone

Concentration: 51 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

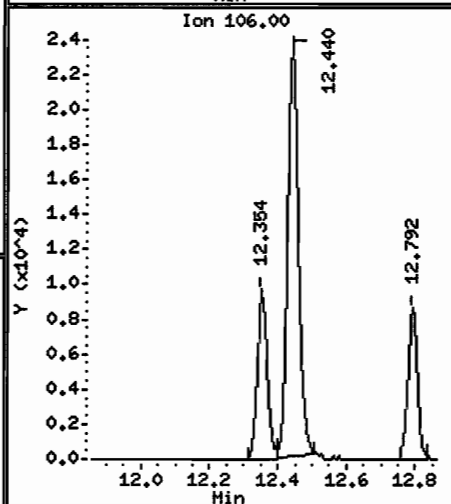
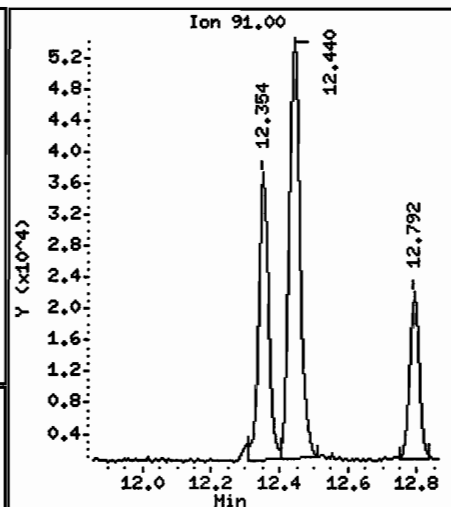
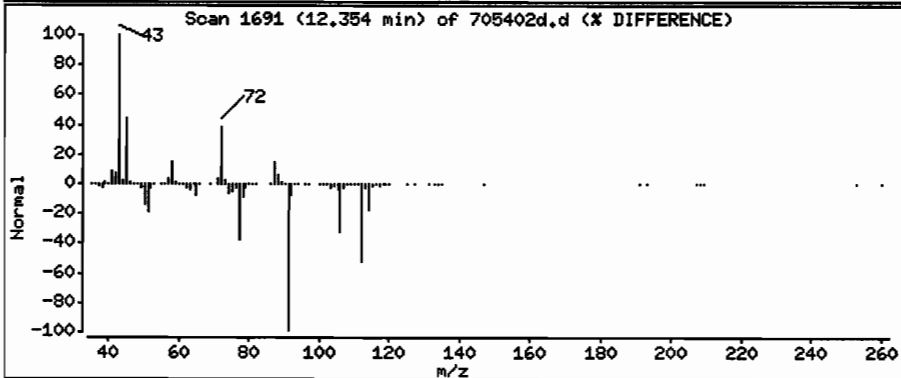
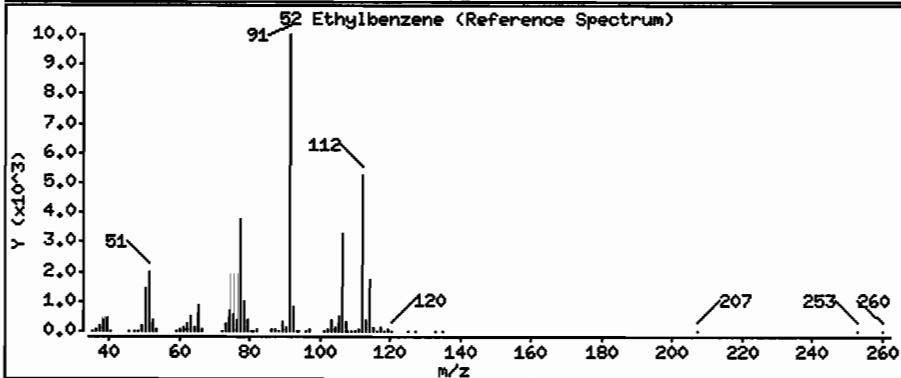
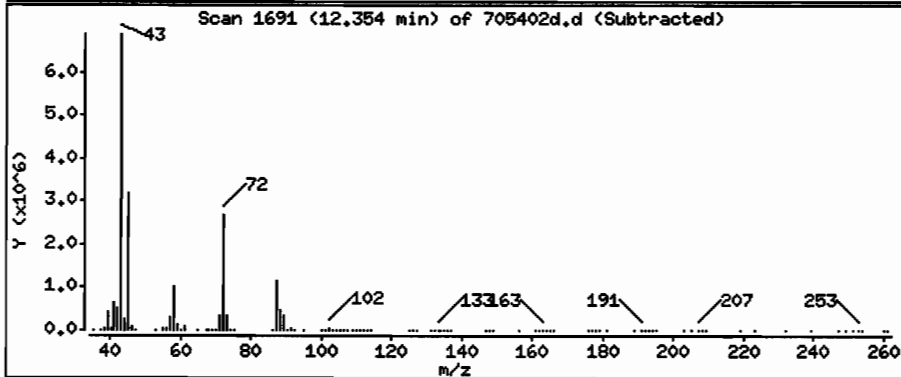
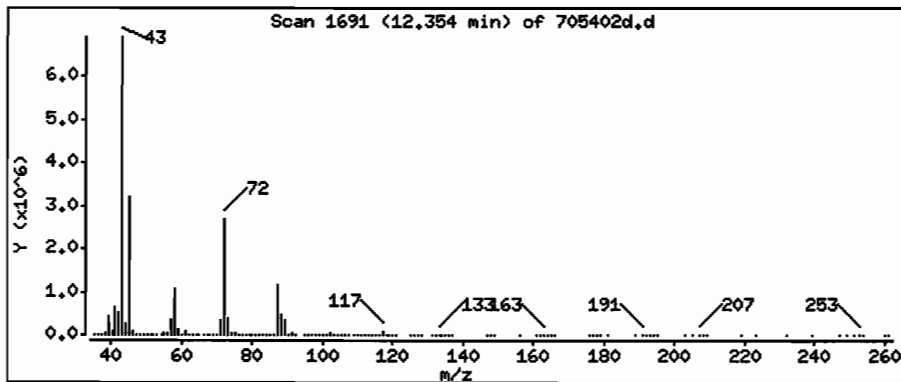
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

52 Ethylbenzene

Concentration: 0.53 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 : [103/29/07 @ (AIR)

Purge Volume: 133.0

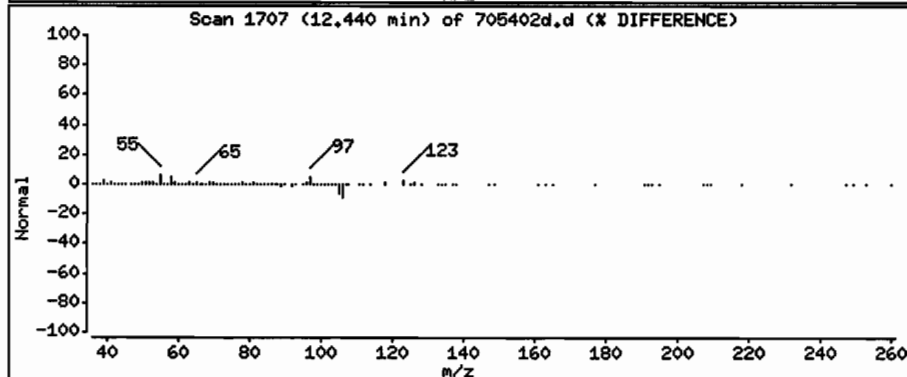
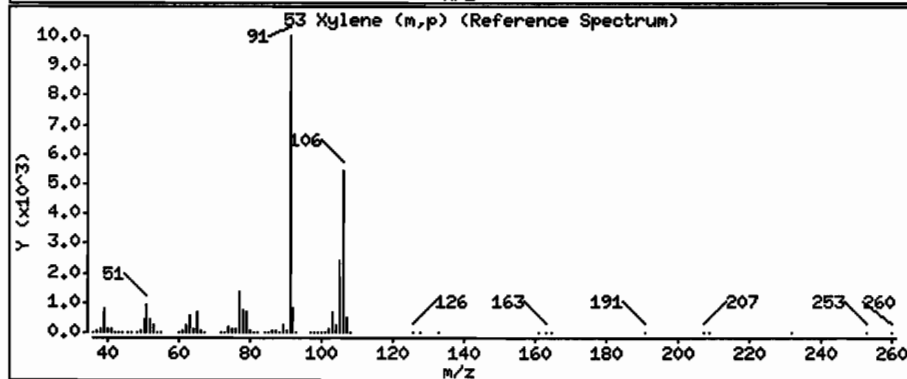
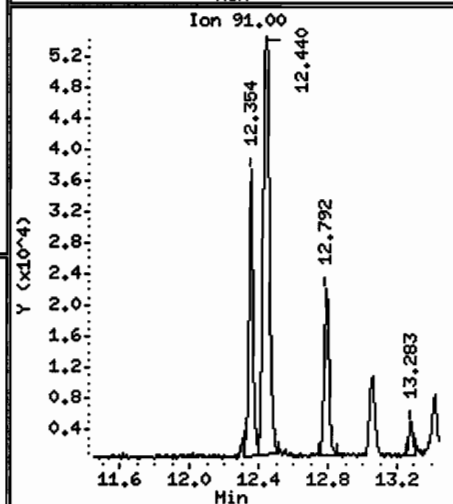
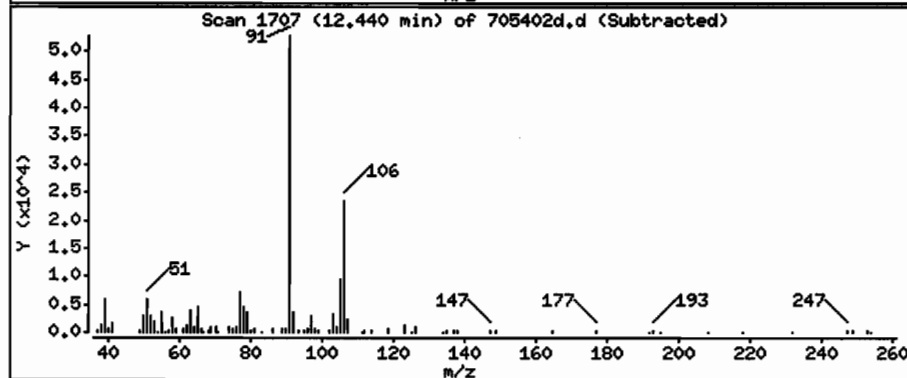
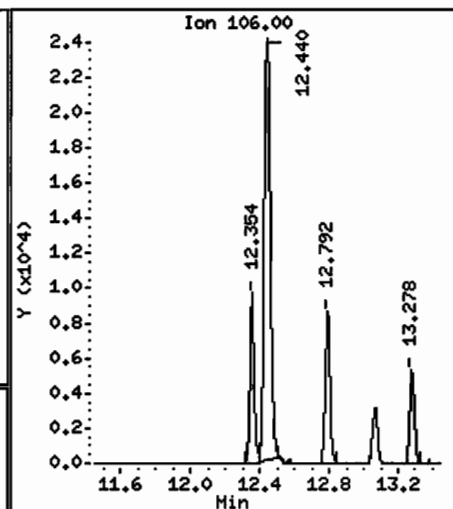
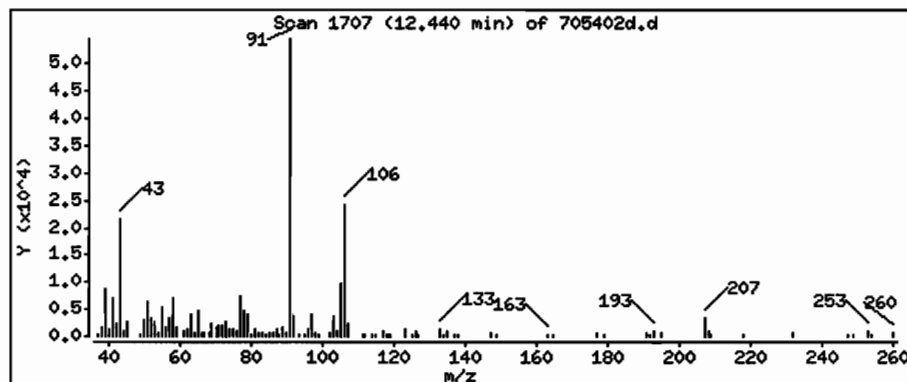
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

53 Xylene (m,p)

Concentration: 1.1 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

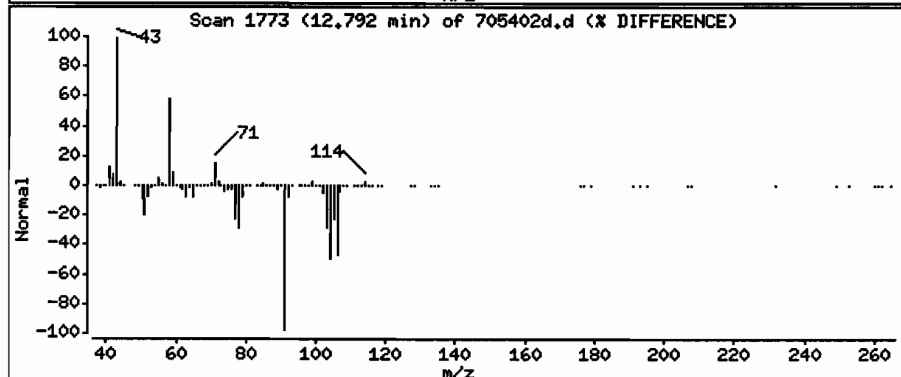
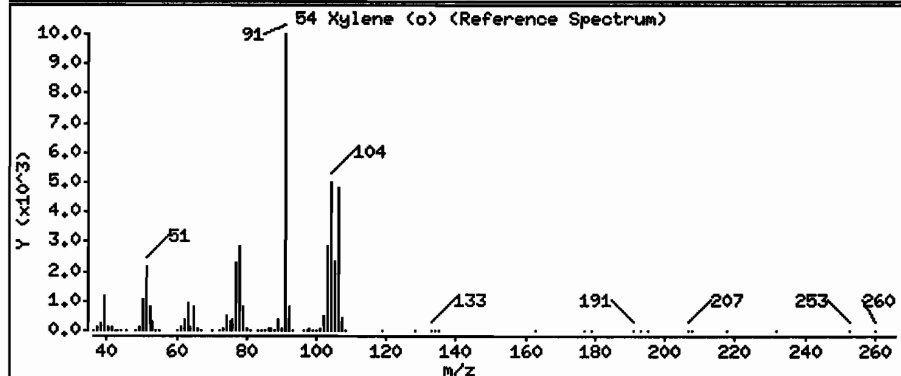
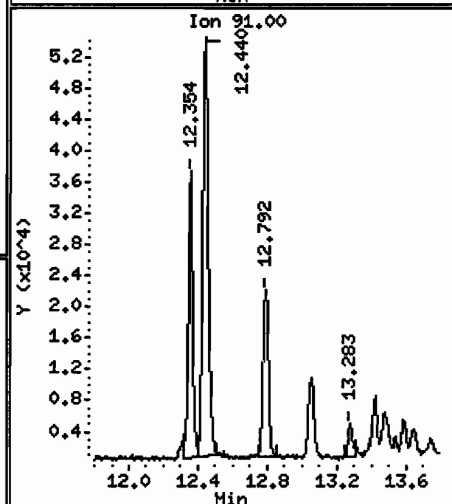
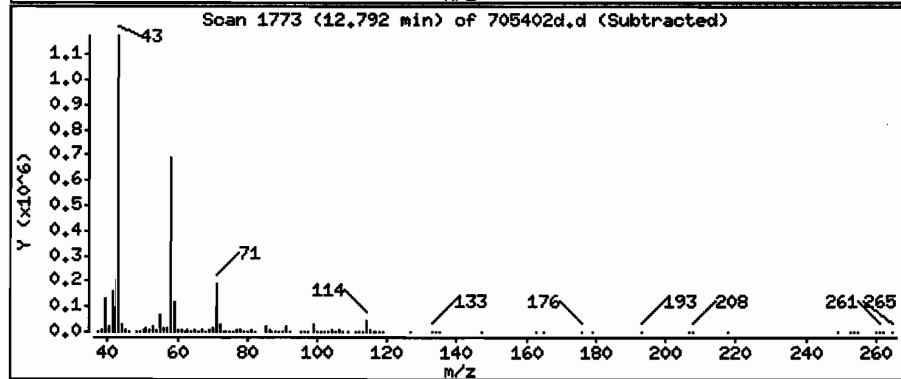
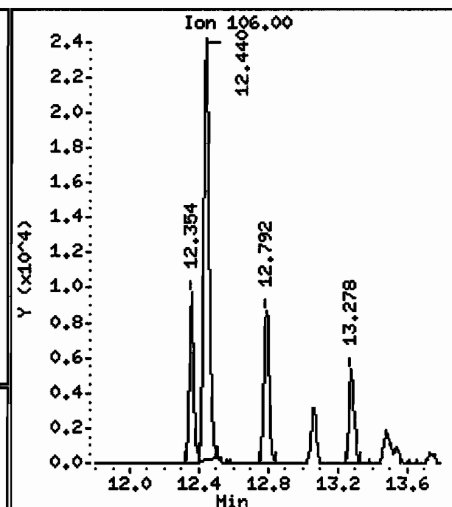
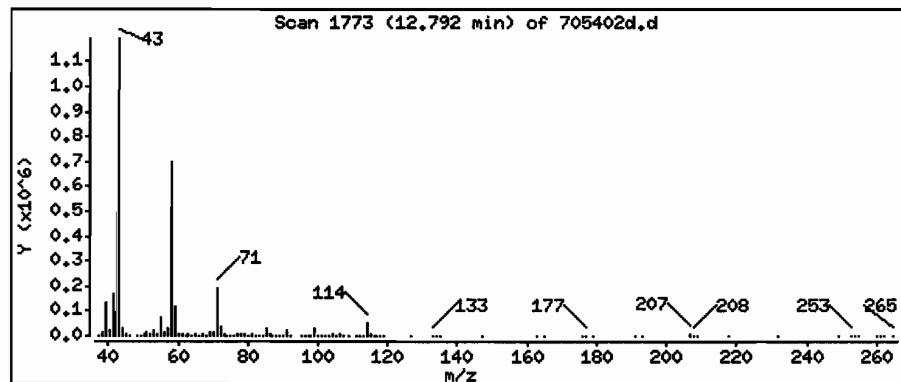
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

54 Xylene (o)

Concentration: 0.35 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

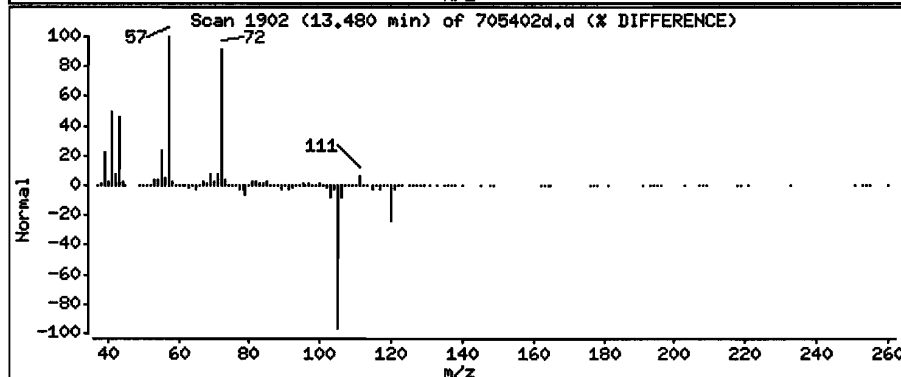
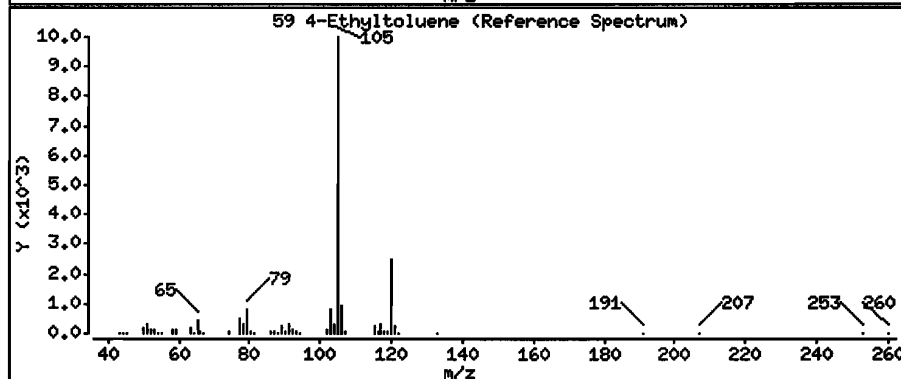
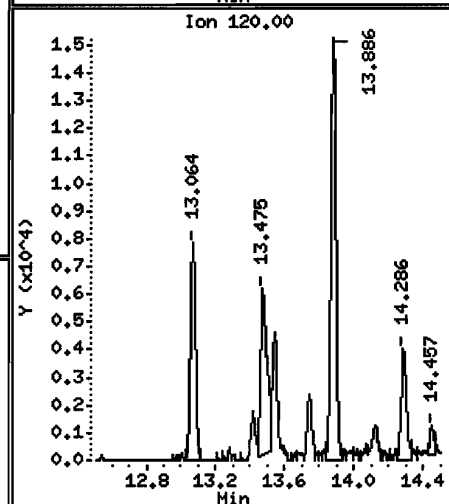
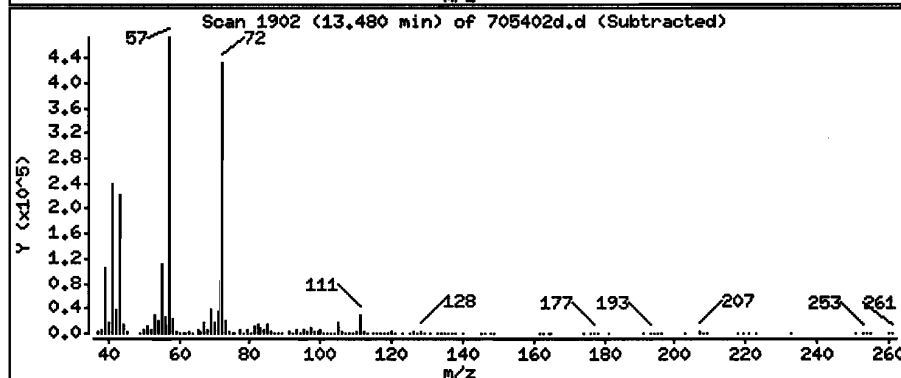
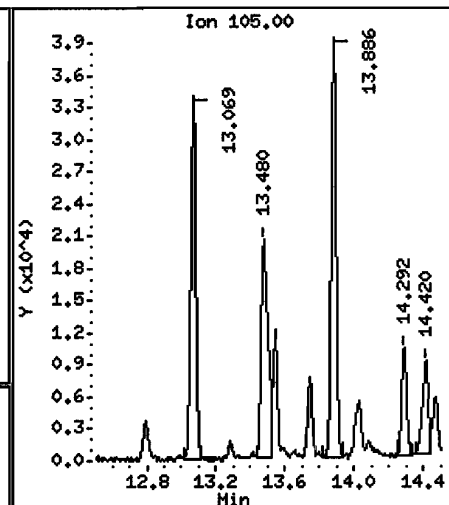
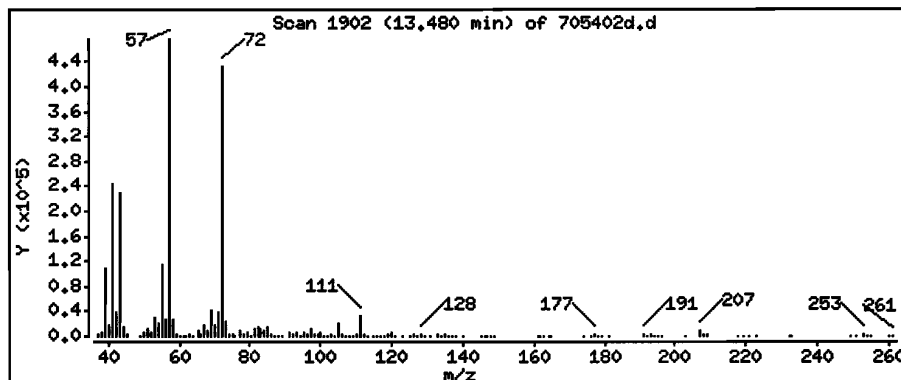
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

59 4-Ethyltoluene

Concentration: 0.42 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

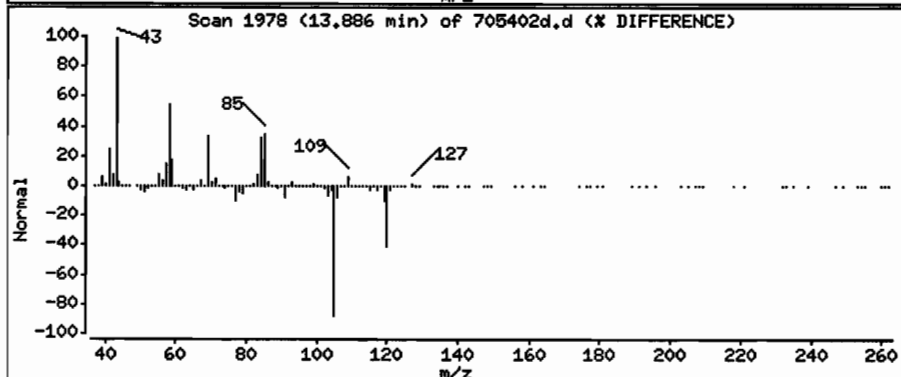
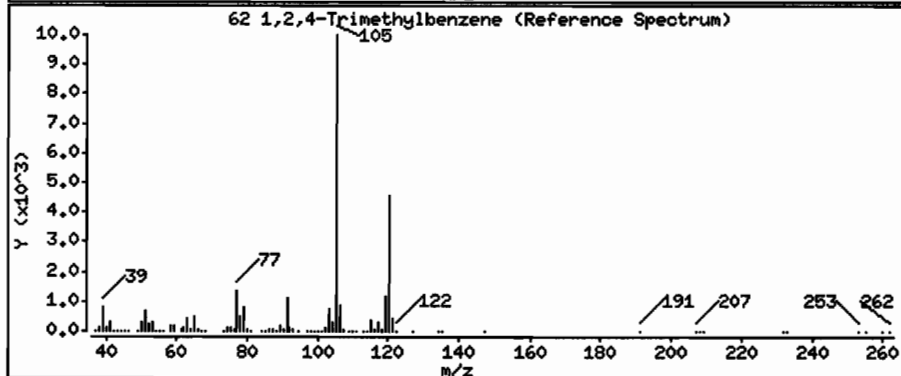
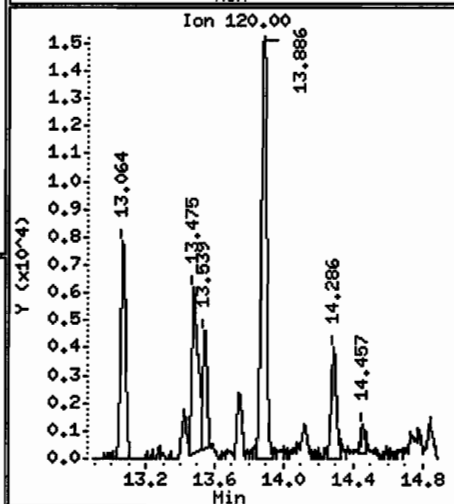
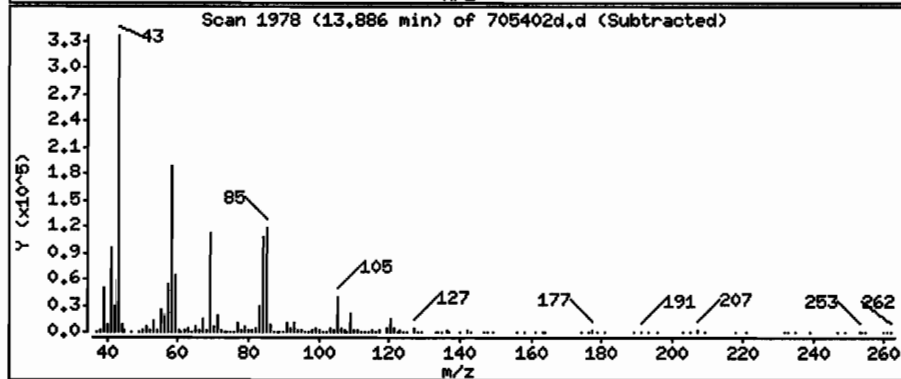
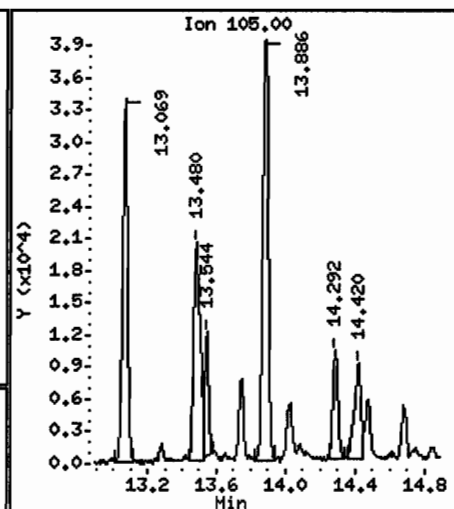
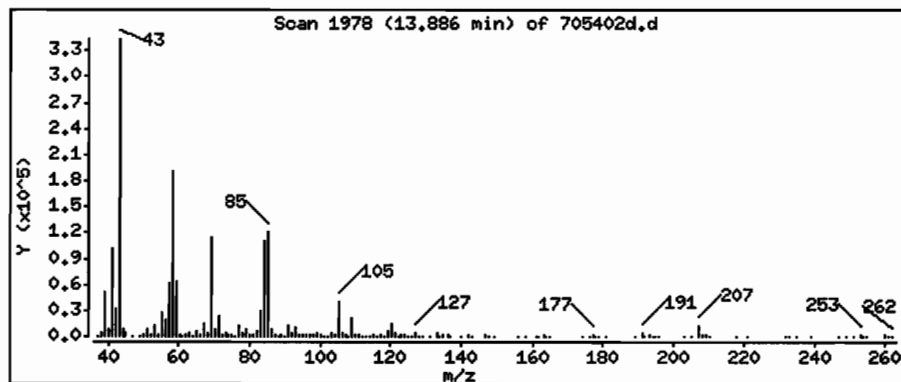
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

62 1,2,4-Trimethylbenzene

Concentration: 0.63 ppbv



Date : 18-APR-2007 04:45

Client ID: SS-1

Instrument: C.i

Sample Info: SS-1 :[103/29/07 @ (AIR)

Purge Volume: 133.0

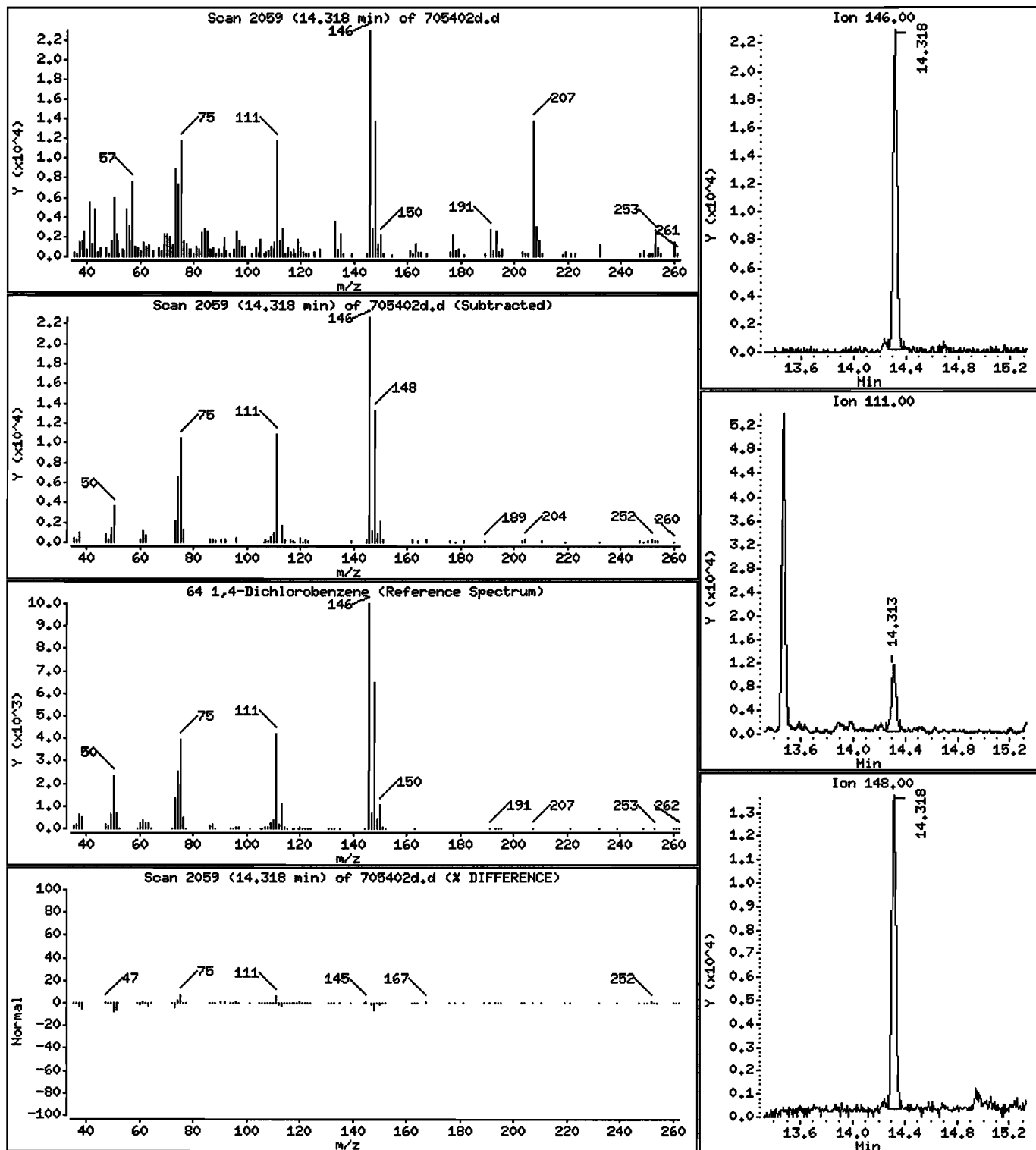
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

64 1,4-Dichlorobenzene

Concentration: 0.65 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-2

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705404

Sample wt/vol: 50.00 (g/mL) ML

Lab File ID: 705404D

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 4.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8-----	Dichlorodifluoromethane	2.0	U
76-14-2-----	1,2-Dichlorotetrafluoroethane	0.80	U
74-87-3-----	Chloromethane	2.0	U
75-01-4-----	Vinyl Chloride	0.80	U
106-99-0-----	1,3-Butadiene	2.0	U
74-83-9-----	Bromomethane	0.80	U
75-00-3-----	Chloroethane	2.0	U
593-60-2-----	Bromoethene	0.80	U
75-69-4-----	Trichlorofluoromethane	2.9	
76-13-1-----	Freon TF	0.80	U
75-35-4-----	1,1-Dichloroethene	0.80	U
67-64-1-----	Acetone	26	
67-63-0-----	Isopropyl Alcohol	20	U
75-15-0-----	Carbon Disulfide	2.0	U
107-05-1-----	3-Chloropropene	2.0	U
75-09-2-----	Methylene Chloride	17	
75-65-0-----	tert-Butyl Alcohol	20	U
1634-04-4-----	Methyl tert-Butyl Ether	2.0	U
156-60-5-----	trans-1,2-Dichloroethene	0.80	U
110-54-3-----	n-Hexane	2.0	U
75-34-3-----	1,1-Dichloroethane	0.80	U
540-59-0-----	1,2-Dichloroethene (total)	0.80	U
78-93-3-----	Methyl Ethyl Ketone	3.5	
156-59-2-----	cis-1,2-Dichloroethene	0.80	U
109-99-9-----	Tetrahydrofuran	20	U
67-66-3-----	Chloroform	5.6	
71-55-6-----	1,1,1-Trichloroethane	4.0	
110-82-7-----	Cyclohexane	0.80	U
56-23-5-----	Carbon Tetrachloride	0.80	U
540-84-1-----	2,2,4-Trimethylpentane	0.80	U
71-43-2-----	Benzene	0.80	U
107-06-2-----	1,2-Dichloroethane	0.80	U
142-82-5-----	n-Heptane	0.80	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-2

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705404

Sample wt/vol: 50.00 (g/mL) ML

Lab File ID: 705404D

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 4.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

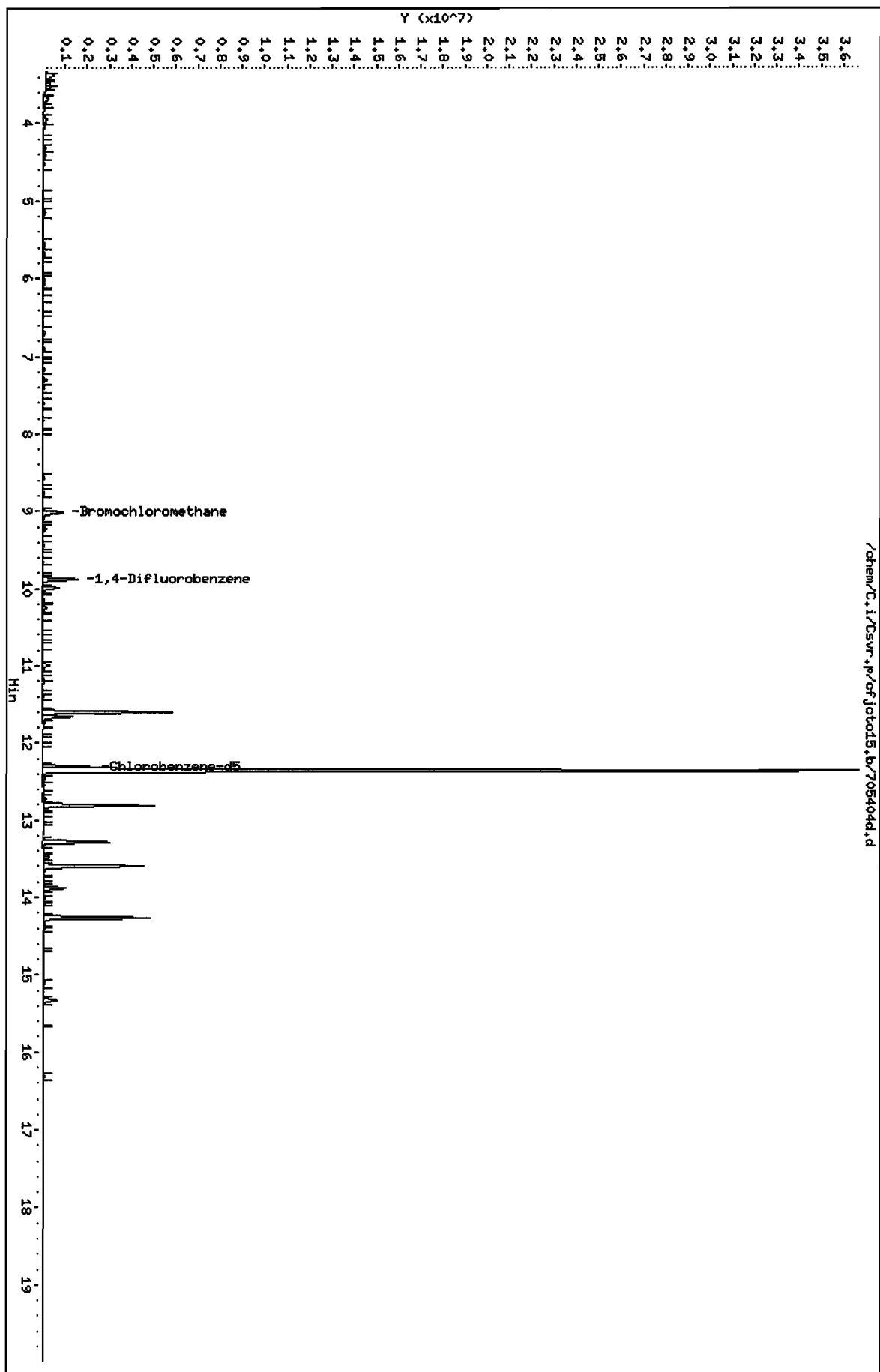
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	0.80	U
78-87-5-----	1,2-Dichloropropane	0.80	U
123-91-1-----	1,4-Dioxane	20	U
75-27-4-----	Bromodichloromethane	0.80	U
10061-01-5-----	cis-1,3-Dichloropropene	0.80	U
108-10-1-----	Methyl Isobutyl Ketone	20	
108-88-3-----	Toluene	1.5	
10061-02-6-----	trans-1,3-Dichloropropene	0.80	U
79-00-5-----	1,1,2-Trichloroethane	0.80	U
127-18-4-----	Tetrachloroethene	98	
591-78-6-----	Methyl Butyl Ketone	99	
124-48-1-----	Dibromochloromethane	0.80	U
106-93-4-----	1,2-Dibromoethane	0.80	U
108-90-7-----	Chlorobenzene	0.80	U
100-41-4-----	Ethylbenzene	1.1	
1330-20-7-----	Xylene (m,p)	2.0	U
95-47-6-----	Xylene (o)	0.80	U
1330-20-7-----	Xylene (total)	0.80	U
100-42-5-----	Styrene	0.80	U
75-25-2-----	Bromoform	0.80	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.80	U
622-96-8-----	4-Ethyltoluene	0.80	U
108-67-8-----	1,3,5-Trimethylbenzene	0.80	U
95-49-8-----	2-Chlorotoluene	0.80	U
95-63-6-----	1,2,4-Trimethylbenzene	0.80	U
541-73-1-----	1,3-Dichlorobenzene	0.80	U
106-46-7-----	1,4-Dichlorobenzene	0.84	
95-50-1-----	1,2-Dichlorobenzene	0.80	U
120-82-1-----	1,2,4-Trichlorobenzene	2.0	U
87-68-3-----	Hexachlorobutadiene	0.80	U
91-20-3-----	Naphthalene	2.0	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjct015.b/705404d.d
Date : 18-APR-2007 06:12
Client ID: SS-2
Sample Info: SS-2 : I 103/29/07 @ (AIR)
Purge Volume: 50.0
Column phase: RTX-624

Instrument: C.i
Operator: urd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjcto15.b/705404d.d
 Lab Smp Id: 705404 Client Smp ID: SS-2
 Inj Date : 18-APR-2007 06:12
 Operator : wrd Inst ID: C.i
 Smp Info : SS-2 :[]03/29/07 @ (AIR)
 Misc Info : 705404;041707CA;4;50
 Comment :
 Method : /chem/C.i/Csvr.p/cfjcto15.b/rto15.m
 Meth Date : 19-Apr-2007 13:16 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 9
 Dil Factor: 4.00000
 Integrator: HP RTE Compound Sublist: TO15all+N.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	4.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	50.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
	MASS					(ppbv)	(ppbv)	
1 Dichlorodifluoromethane	85							
2 1,2-Dichlorotetrafluoroethane	85							
3 Chloromethane	50							
4 Vinyl Chloride	62							
5 1,3-Butadiene	54							
6 Bromomethane	94							
7 Chloroethane	64							
8 Bromoethene	106							
9 Trichlorofluoromethane	101	5.561	5.576	(0.617)	82573	0.71757	2.9	
10 Freon TF	101							
11 1,1-Dichloroethene	96							
12 Acetone	43	6.687	6.697	(0.741)	207152	6.41578	26	
13 Isopropyl Alcohol	45							
14 Carbon Disulfide	76							
15 3-Chloropropene	41							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.306	7.316	(0.810)	121823	4.12846	17
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	8.773	8.773	(0.973)	9164	0.86985	3.5 (Q)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.029	(1.000)	209241	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
27 Chloroform	83	9.051	9.061	(1.004)	98776	1.40192	5.6
28 1,1,1-Trichloroethane	97	9.227	9.238	(0.934)	104054	0.99447	4.0
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	9.884	9.889	(1.000)	1133411	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	10.988	10.993	(1.112)	234035	5.09471	20
43 Toluene	92	11.164	11.175	(0.907)	22774	0.36430	1.5
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	11.607	11.613	(0.943)	1293534	24.3793	98
47 Methyl Butyl Ketone	43	11.666	11.650	(0.948)	1045393	24.7164	99 (Q)
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.306	12.317	(1.000)	1178854	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	12.354	12.360	(1.004)	45042	0.28715	1.1
53 Xylene (m,p)	106	Compound Not Detected.					
54 Xylene (o)	106	Compound Not Detected.					
M 55 Xylene (total)	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.					

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
64 1,4-Dichlorobenzene	146	14.318	14.324	(1.163)	18142	0.20998	0.84
65 1,2-Dichlorobenzene	146	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	179	Compound Not Detected.					
67 Hexachlorobutadiene	225	Compound Not Detected.					
68 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.1

Sample Info: SS-2 :[103/29/07 @ (AIR)

Purge Volume: 50.0

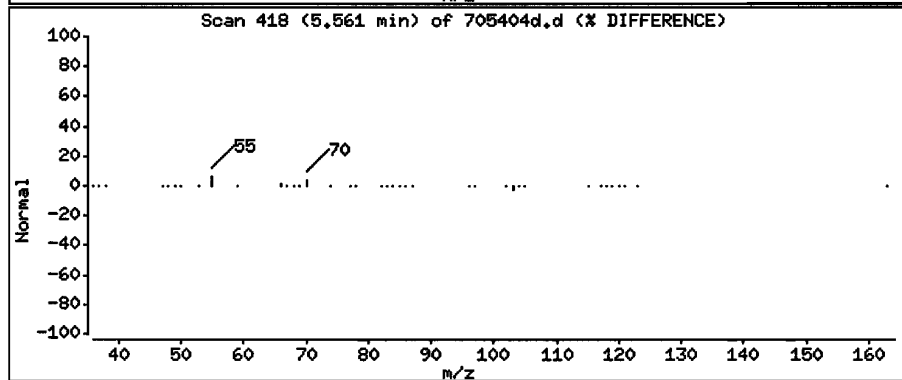
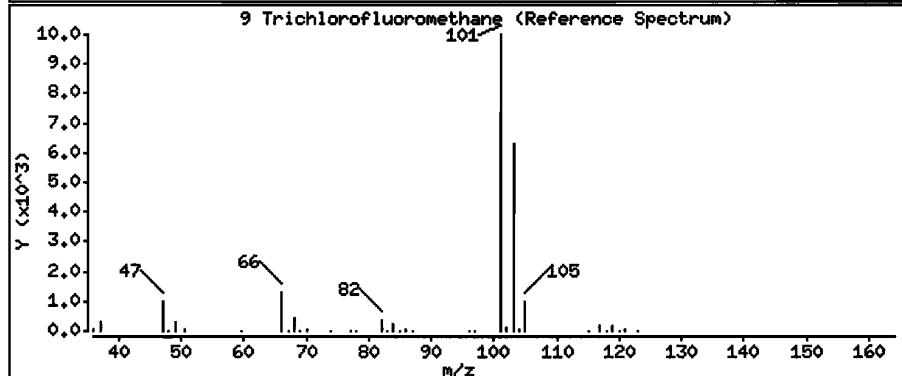
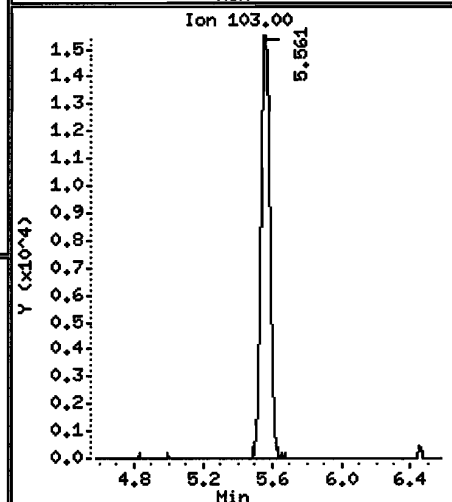
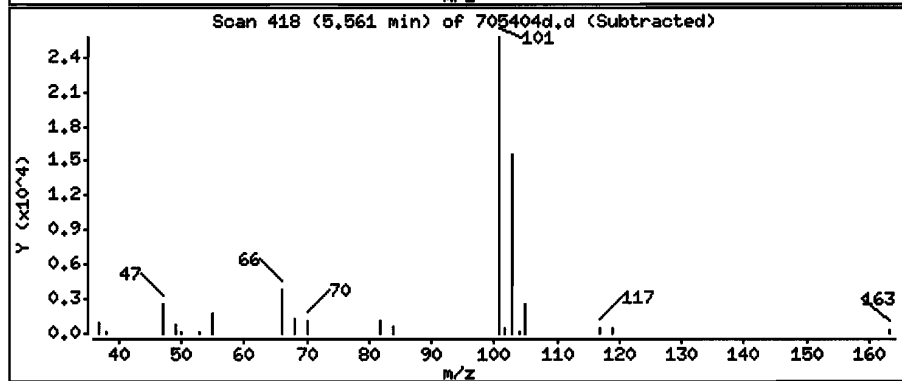
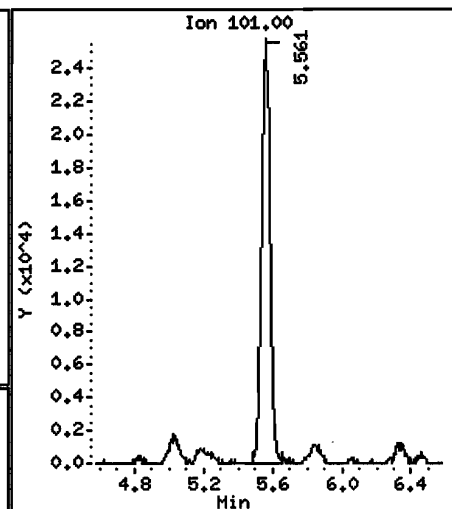
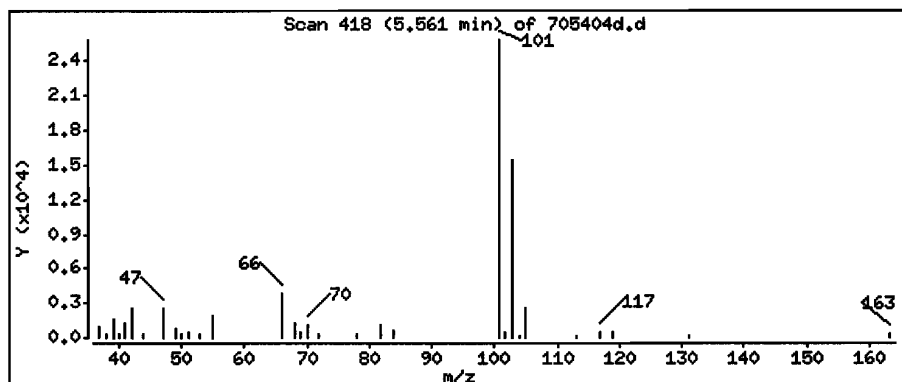
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

9 Trichlorofluoromethane

Concentration: 2.9 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :[103/29/07 @ (AIR)

Purge Volume: 50.0

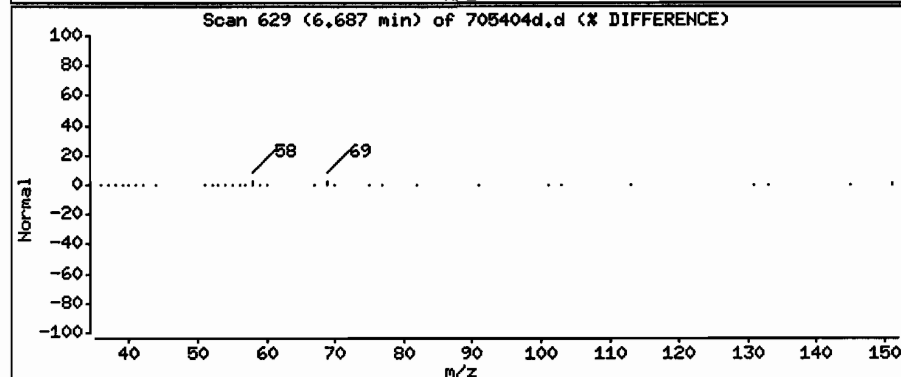
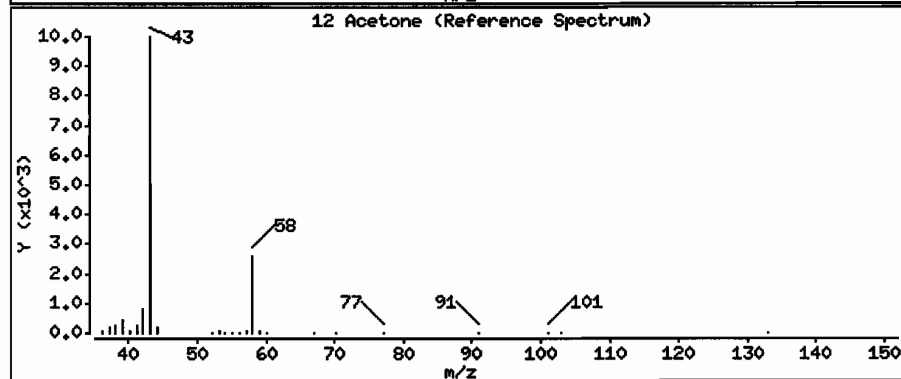
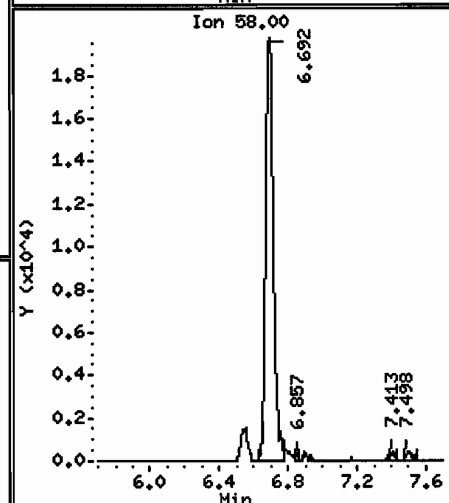
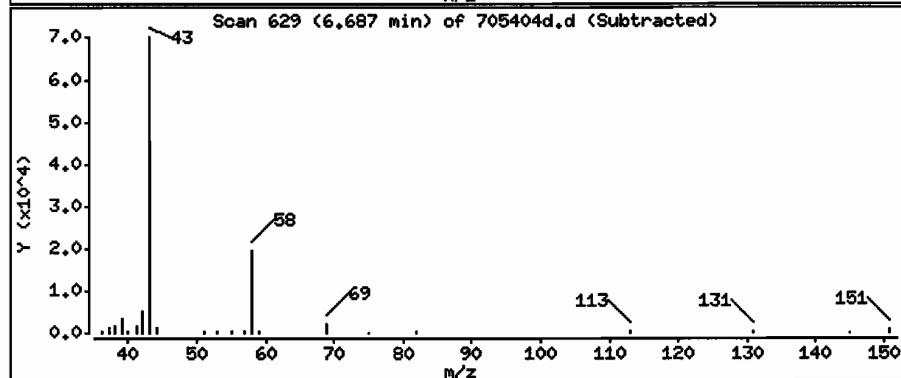
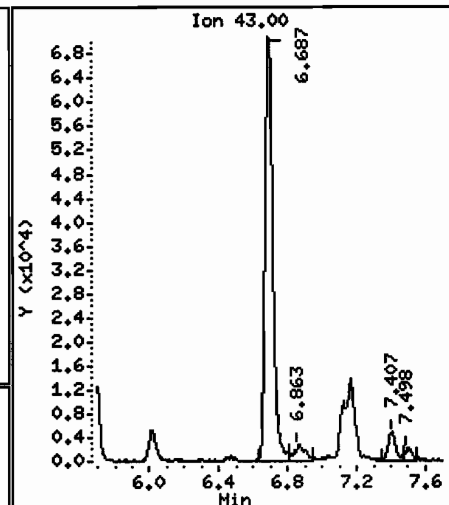
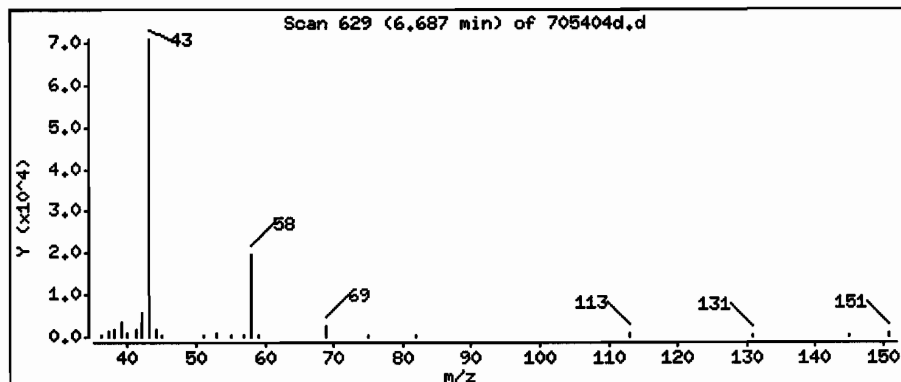
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

12 Acetone

Concentration: 26 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :[103/29/07 @ (AIR)

Purge Volume: 50.0

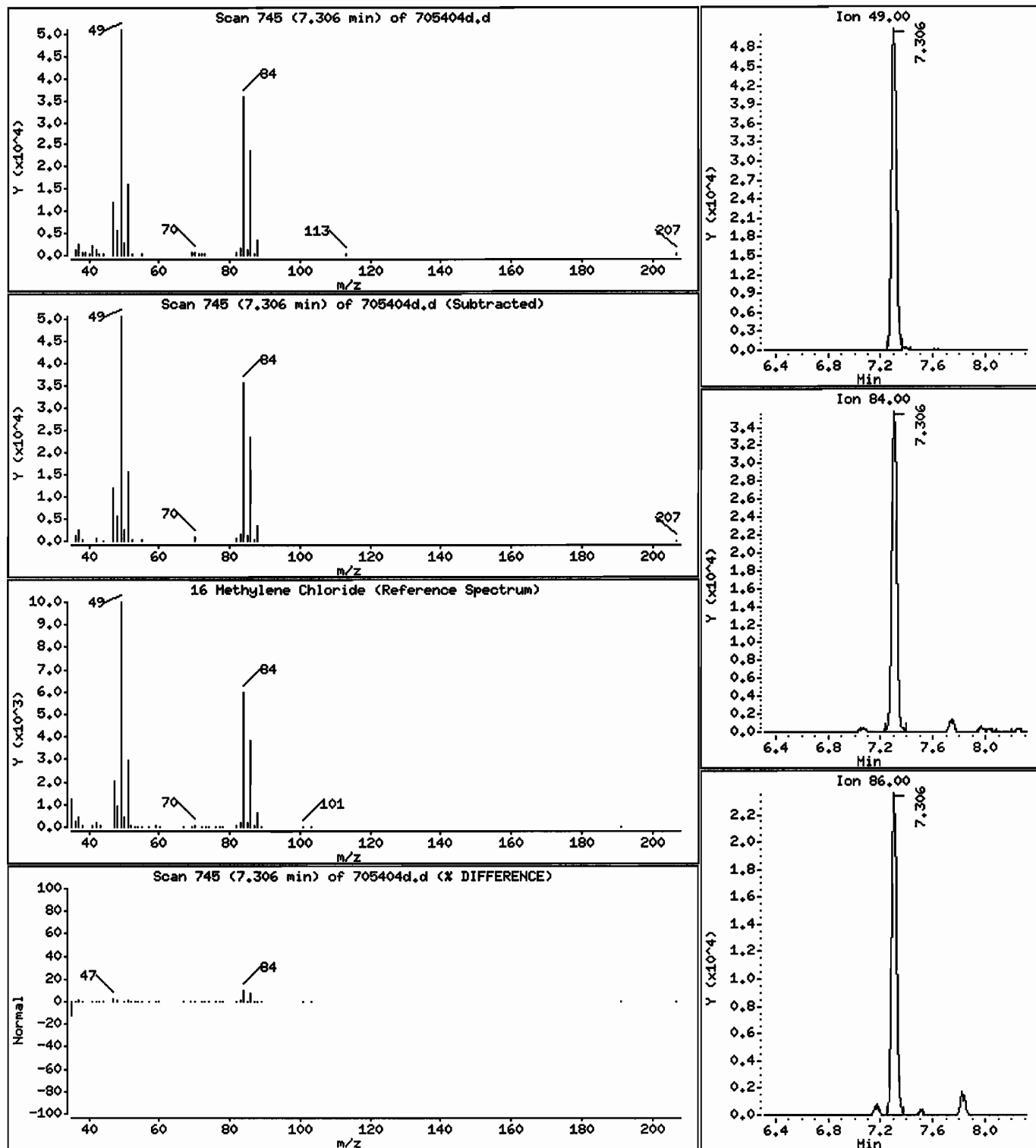
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 17 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :[103/29/07 @ (AIR)

Purge Volume: 50.0

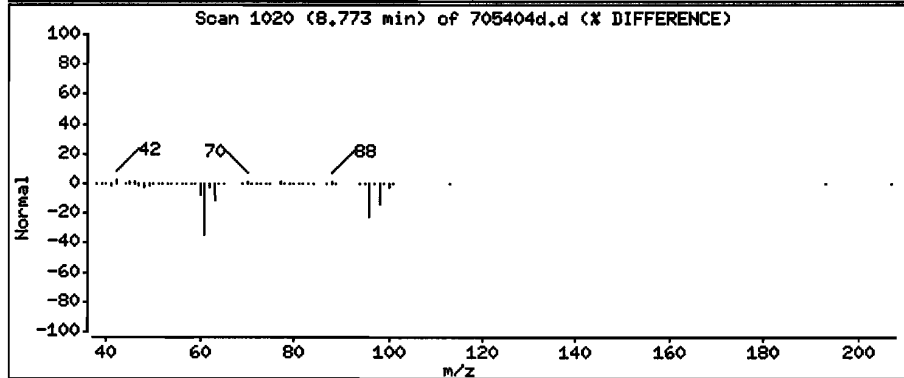
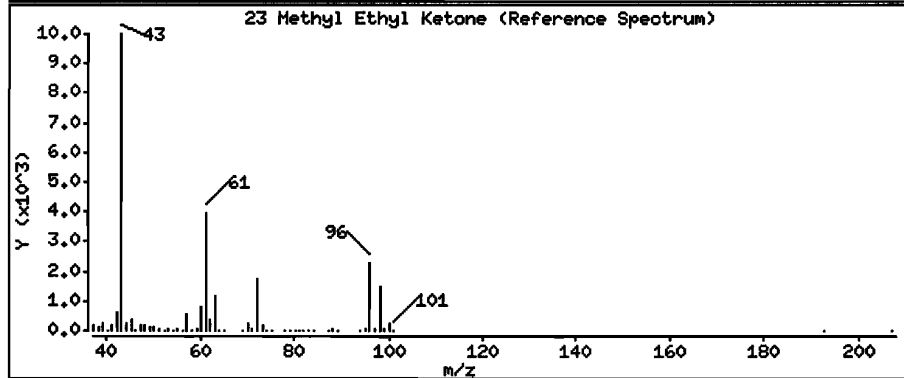
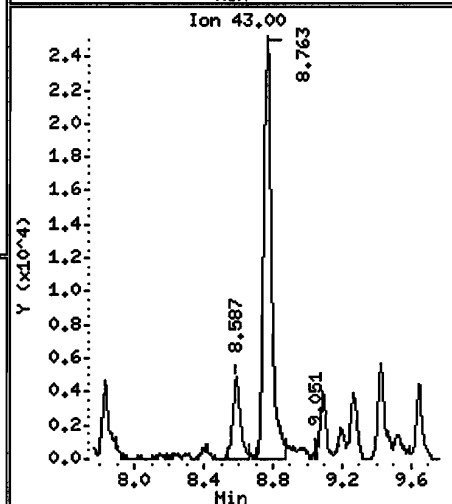
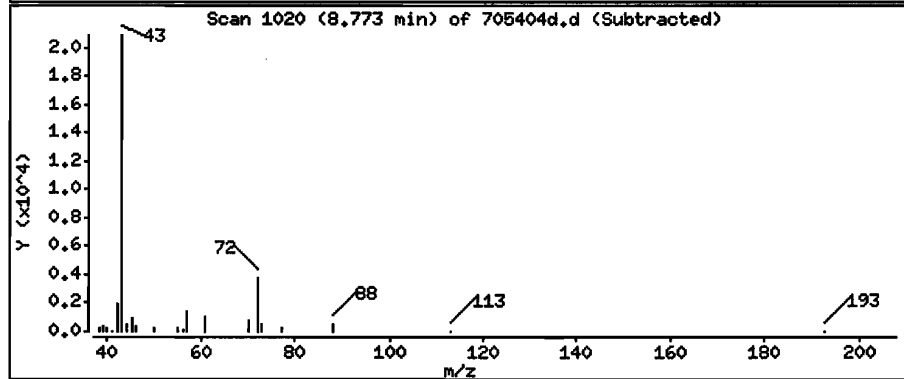
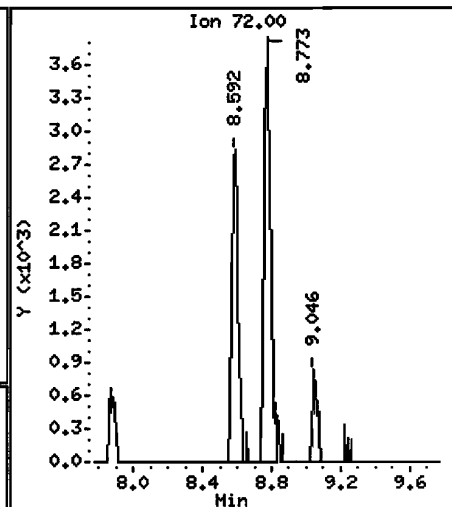
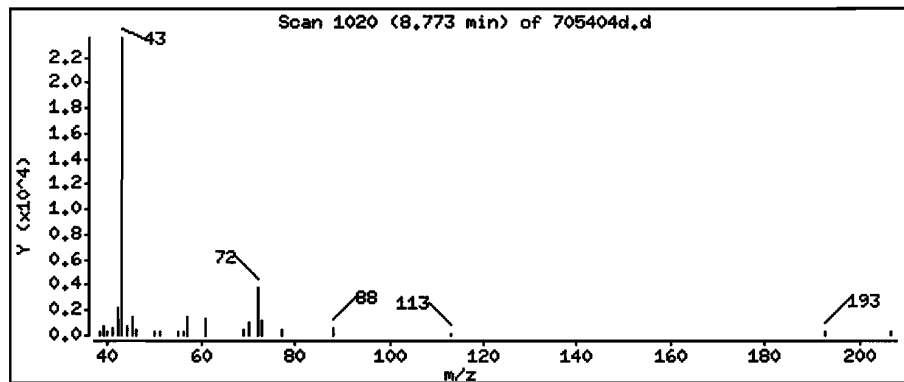
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

23 Methyl Ethyl Ketone

Concentration: 3.5 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :I 103/29/07 @ (AIR)

Purge Volume: 50.0

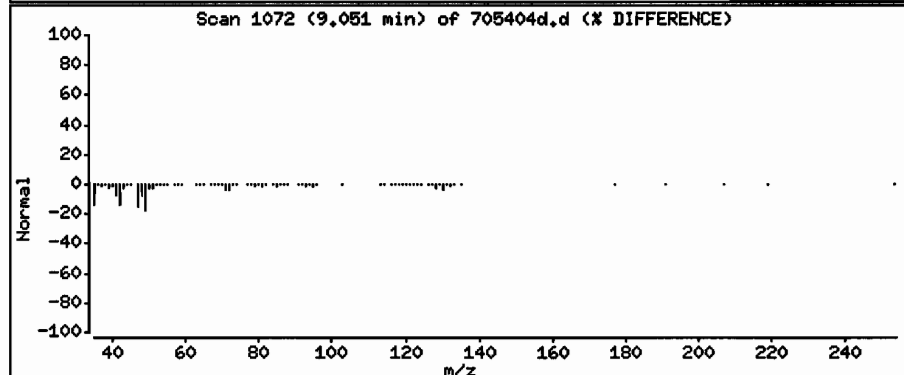
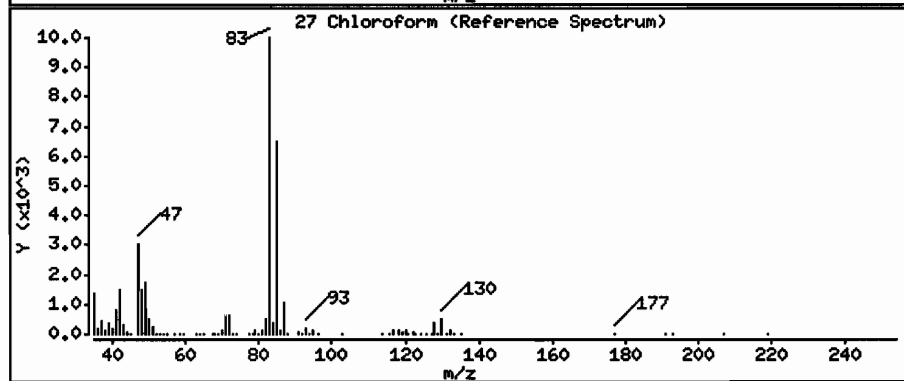
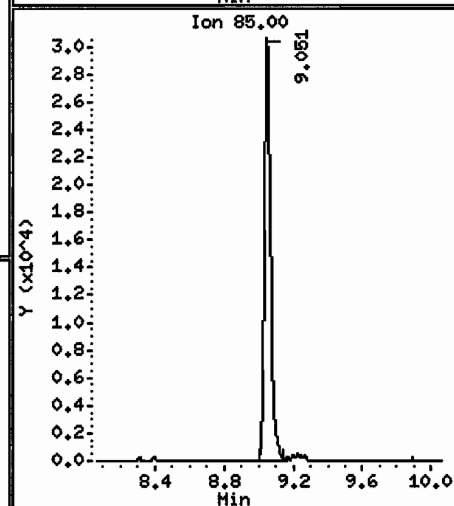
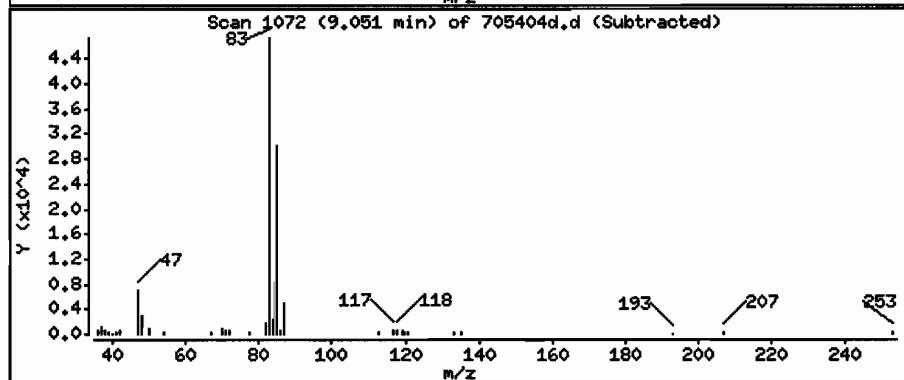
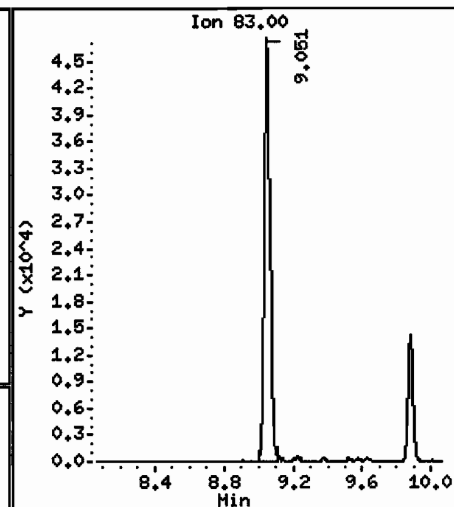
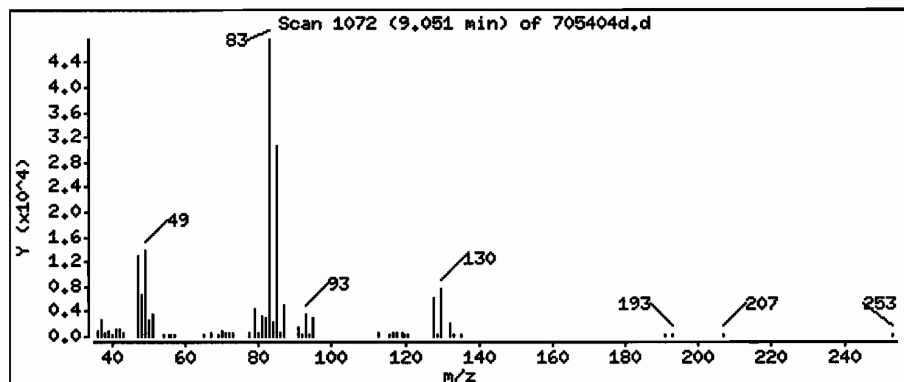
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

27 Chloroform

Concentration: 5.6 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :[103/29/07 @ (AIR)

Purge Volume: 50.0

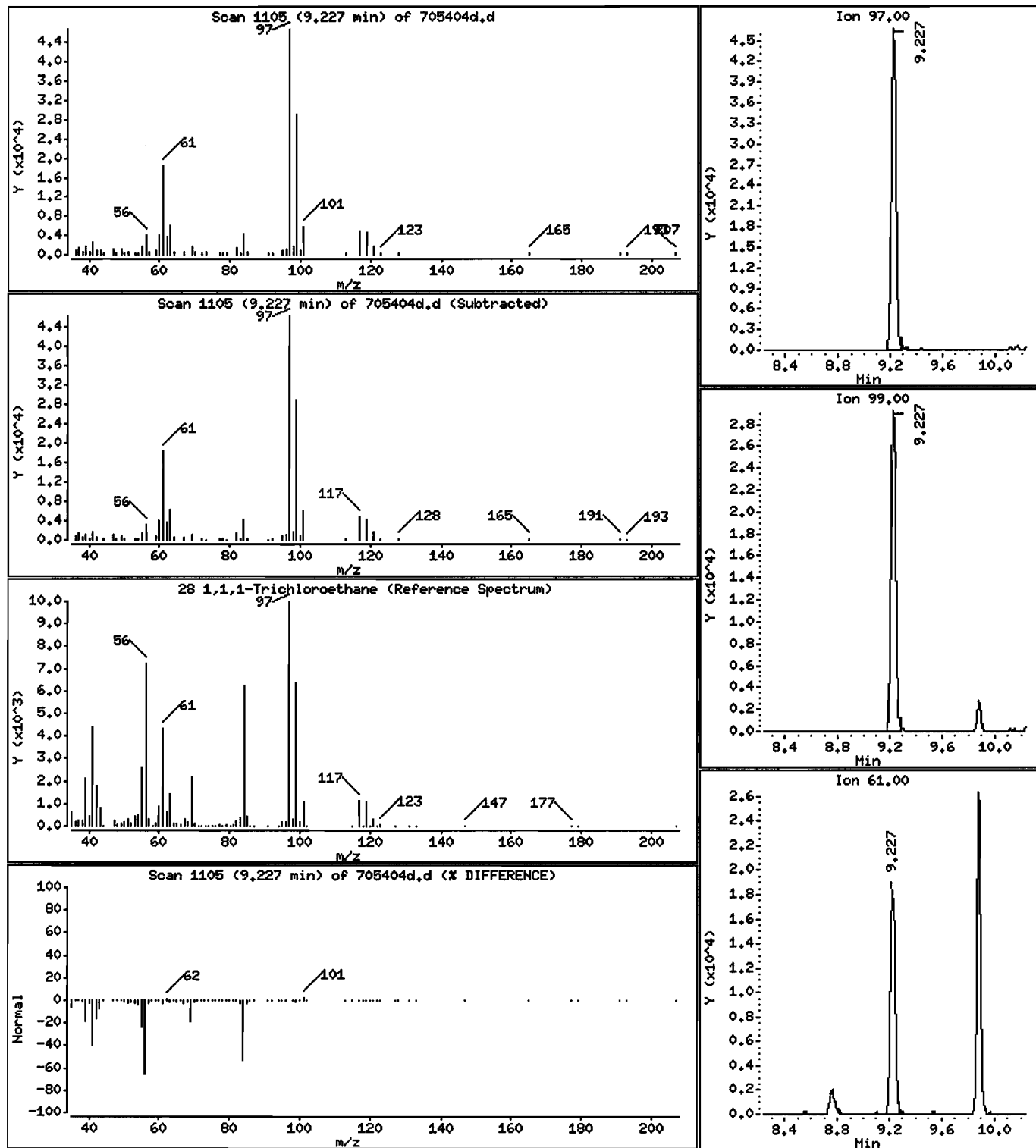
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

28 1,1,1-Trichloroethane

Concentration: 4.0 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :I 103/29/07 @ (AIR)

Purge Volume: 50.0

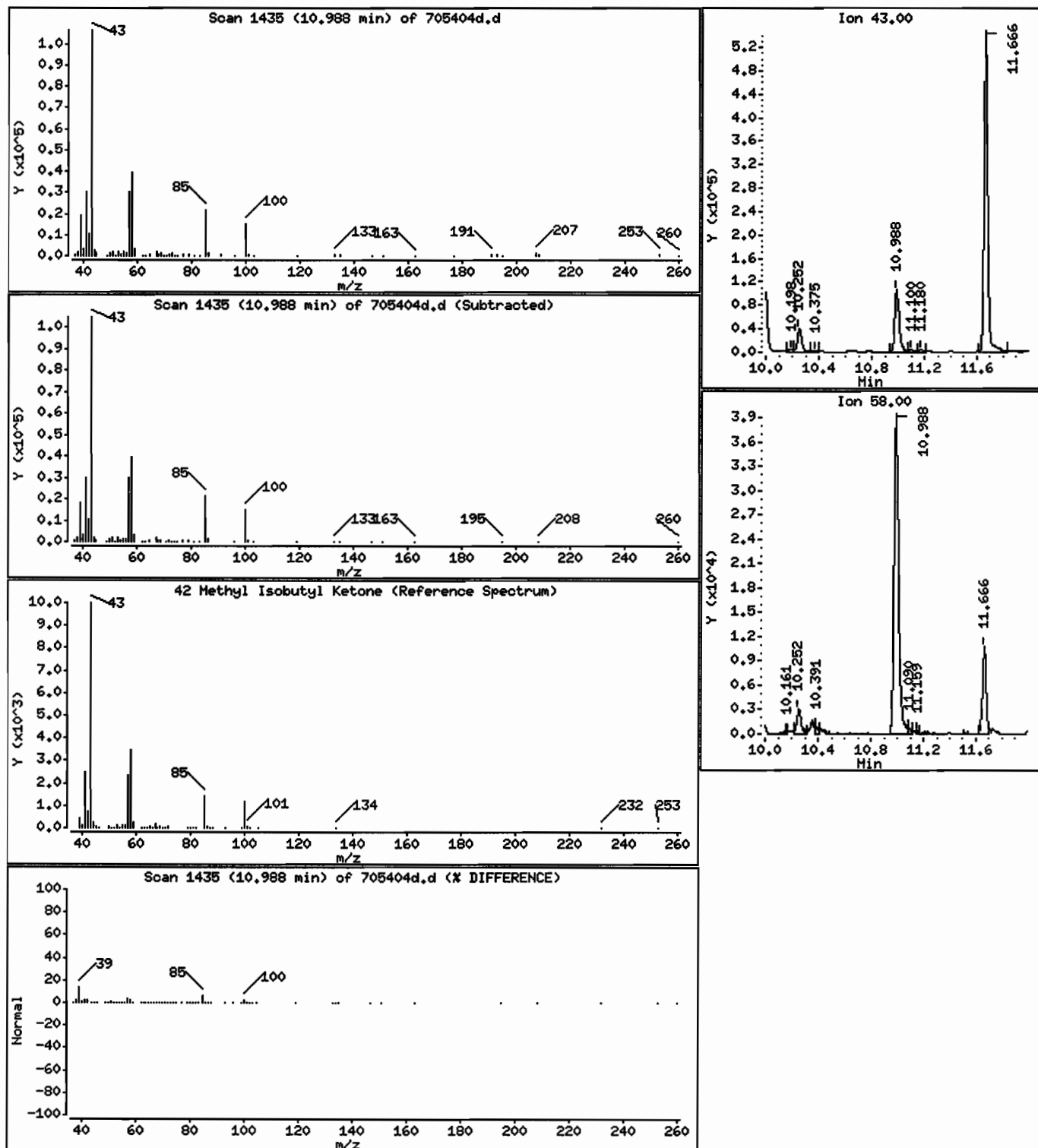
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

42 Methyl Isobutyl Ketone

Concentration: 20 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :[103/29/07 @ (AIR)

Purge Volume: 50.0

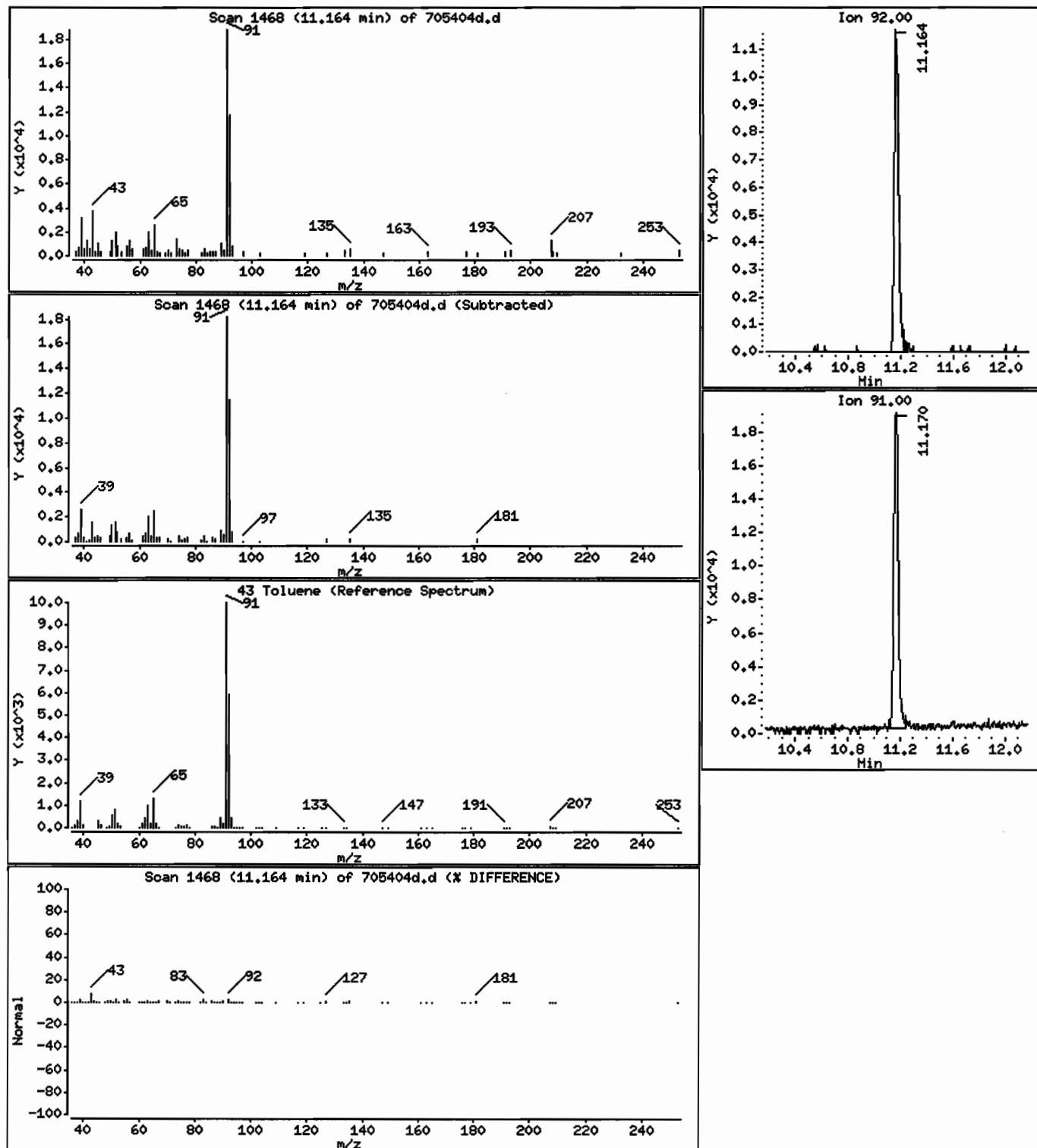
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

43 Toluene

Concentration: 1.5 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :[103/29/07 @ (AIR)

Purge Volume: 50.0

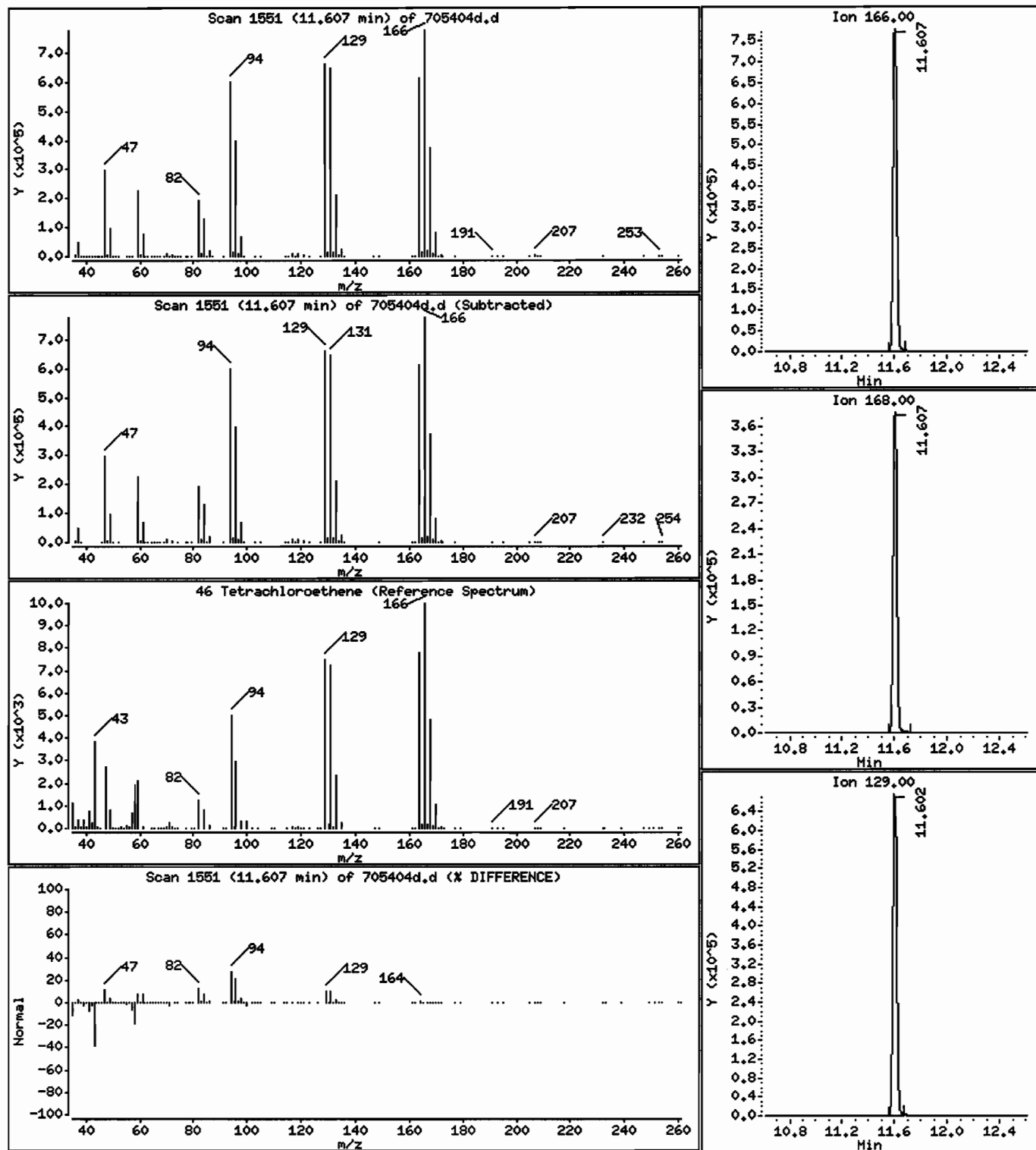
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 98 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 ;[103/29/07 @ (AIR)

Purge Volume: 50.0

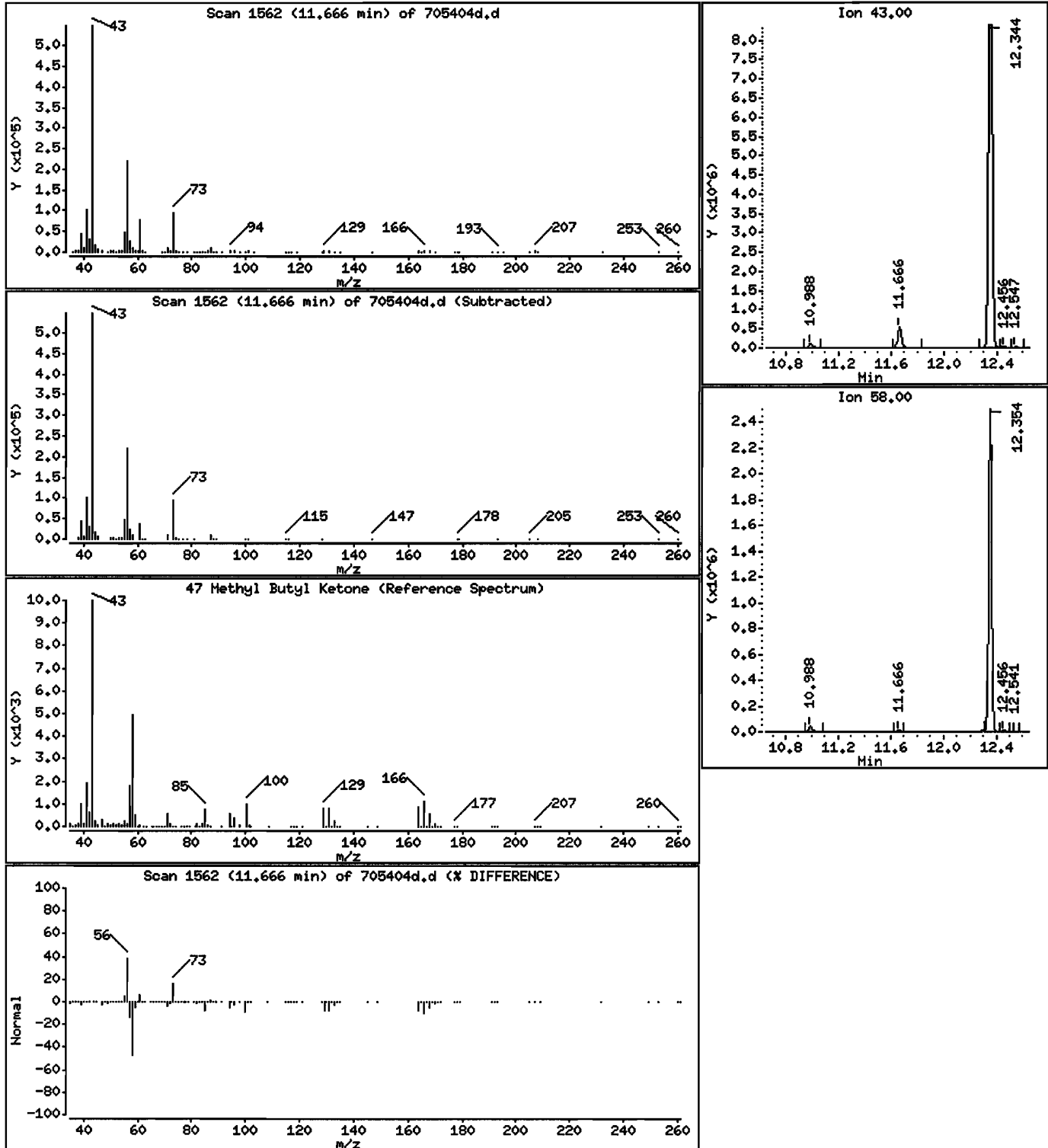
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

47 Methyl Butyl Ketone

Concentration: 99 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 ;[103/29/07 @ (AIR)

Purge Volume: 50.0

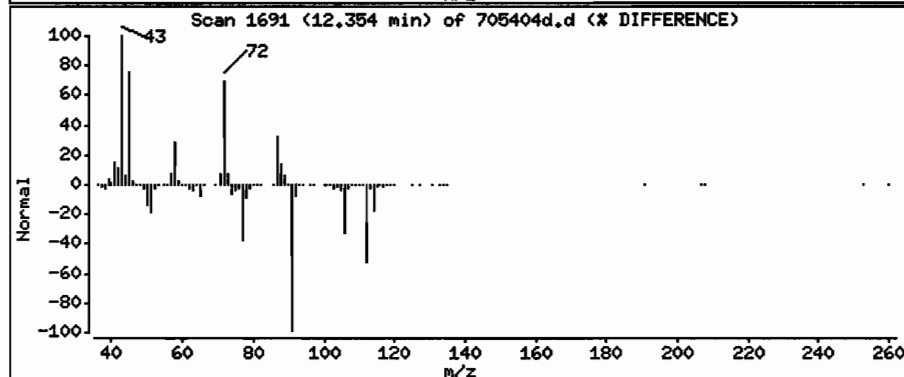
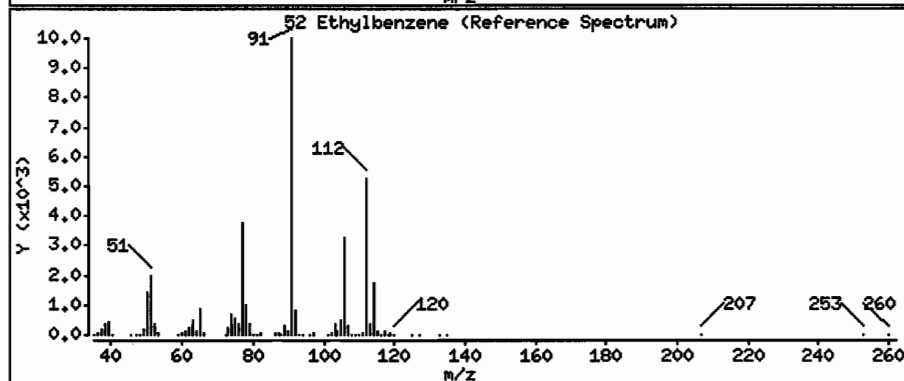
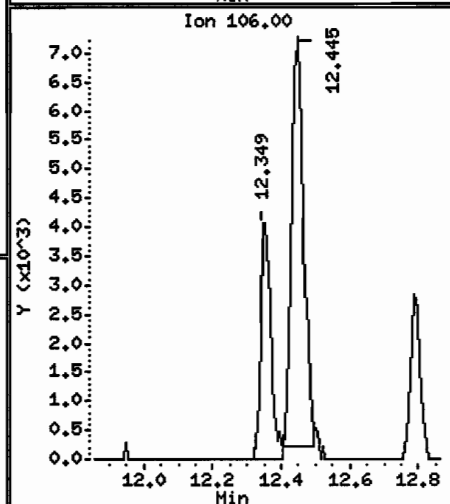
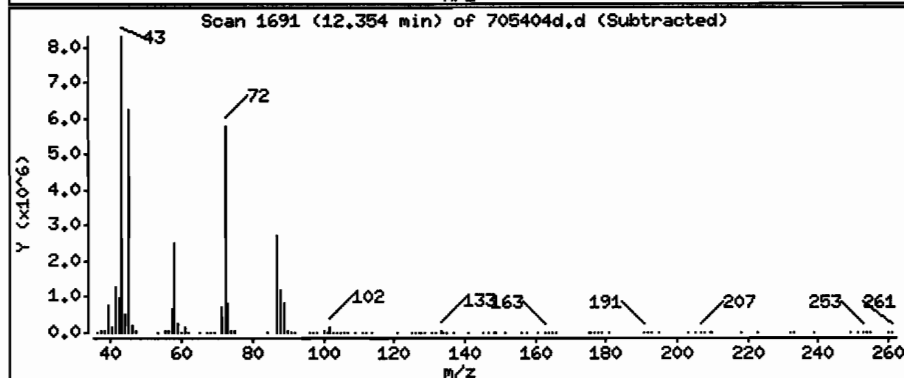
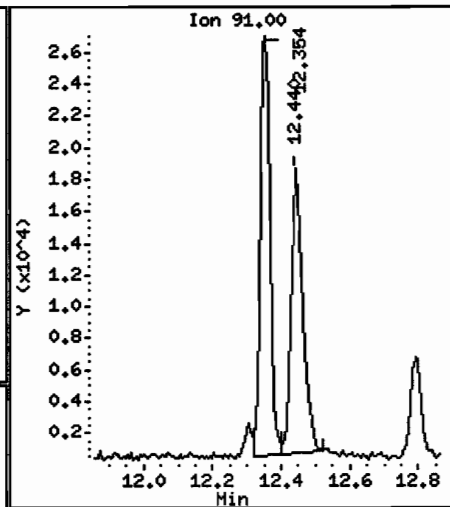
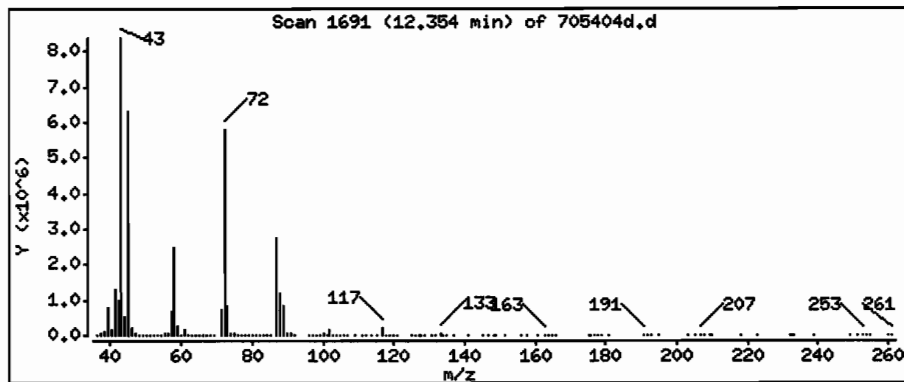
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

52 Ethylbenzene

Concentration: 1.1 ppbv



Date : 18-APR-2007 06:12

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 [I 103/29/07 @ (AIR)

Purge Volume: 50.0

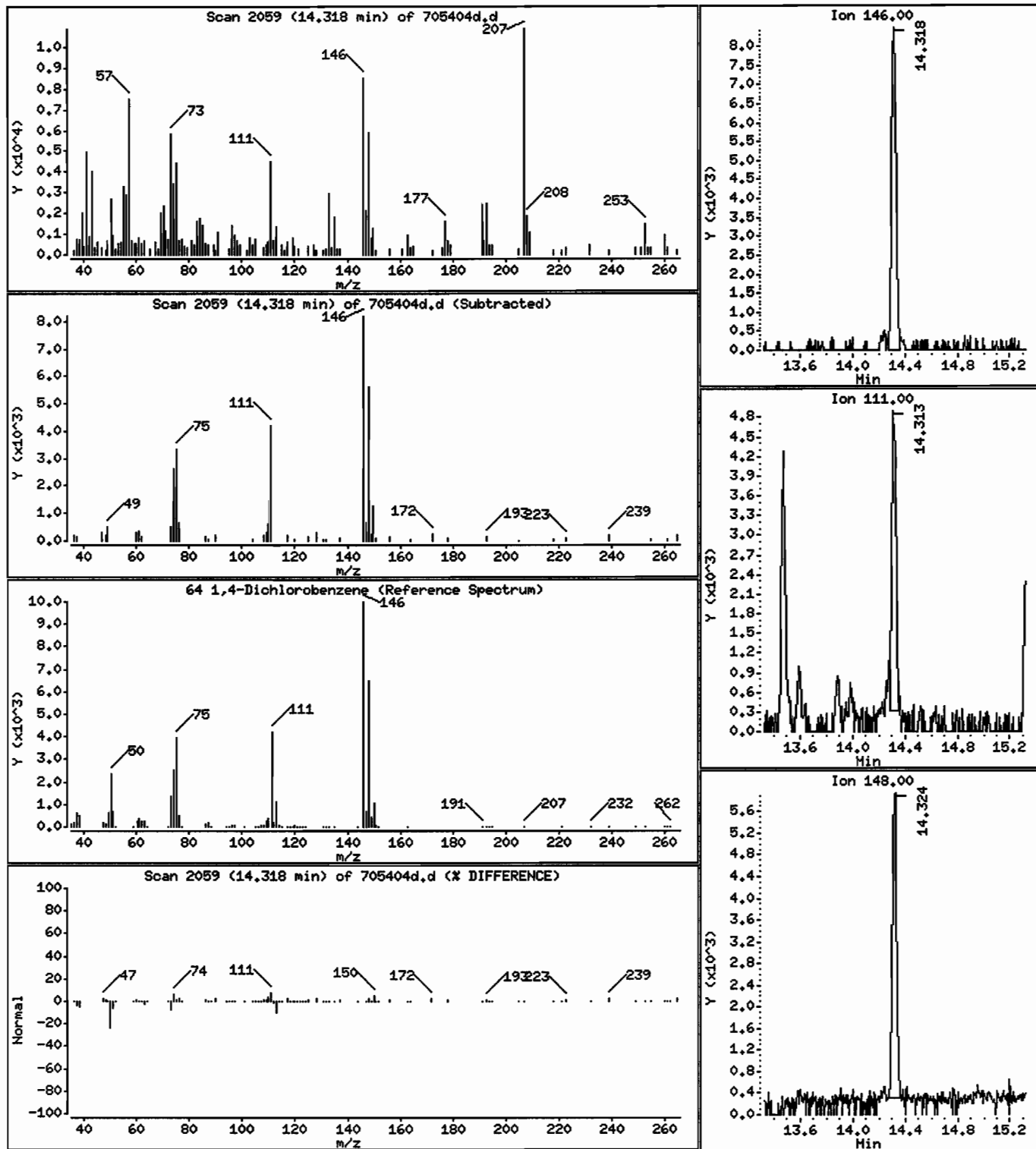
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

64 1,4-Dichlorobenzene

Concentration: 0.84 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-3

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705406

Sample wt/vol: 67.00 (g/mL) ML

Lab File ID: 705406

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 3.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	1.5	U
76-14-2-----	1,2-Dichlorotetrafluoroethan	0.60	U
74-87-3-----	Chloromethane	1.5	U
75-01-4-----	Vinyl Chloride	0.60	U
106-99-0-----	1,3-Butadiene	1.5	U
74-83-9-----	Bromomethane	0.60	U
75-00-3-----	Chloroethane	1.5	U
593-60-2-----	Bromoethene	0.60	U
75-69-4-----	Trichlorofluoromethane	3.2	
76-13-1-----	Freon TF	0.60	U
75-35-4-----	1,1-Dichloroethene	0.60	U
67-64-1-----	Acetone	34	
67-63-0-----	Isopropyl Alcohol	15	U
75-15-0-----	Carbon Disulfide	1.5	U
107-05-1-----	3-Chloropropene	1.5	U
75-09-2-----	Methylene Chloride	77	
75-65-0-----	tert-Butyl Alcohol	15	U
1634-04-4-----	Methyl tert-Butyl Ether	1.5	U
156-60-5-----	trans-1,2-Dichloroethene	0.60	U
110-54-3-----	n-Hexane	1.9	
75-34-3-----	1,1-Dichloroethane	0.60	U
540-59-0-----	1,2-Dichloroethene (total)	0.60	U
78-93-3-----	Methyl Ethyl Ketone	2.6	
156-59-2-----	cis-1,2-Dichloroethene	0.60	U
109-99-9-----	Tetrahydrofuran	15	U
67-66-3-----	Chloroform	5.8	
71-55-6-----	1,1,1-Trichloroethane	41	
110-82-7-----	Cyclohexane	2.2	
56-23-5-----	Carbon Tetrachloride	0.60	U
540-84-1-----	2,2,4-Trimethylpentane	0.60	U
71-43-2-----	Benzene	0.89	
107-06-2-----	1,2-Dichloroethane	0.60	U
142-82-5-----	n-Heptane	0.96	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-3

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705406

Sample wt/vol: 67.00 (g/mL) ML

Lab File ID: 705406

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 3.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

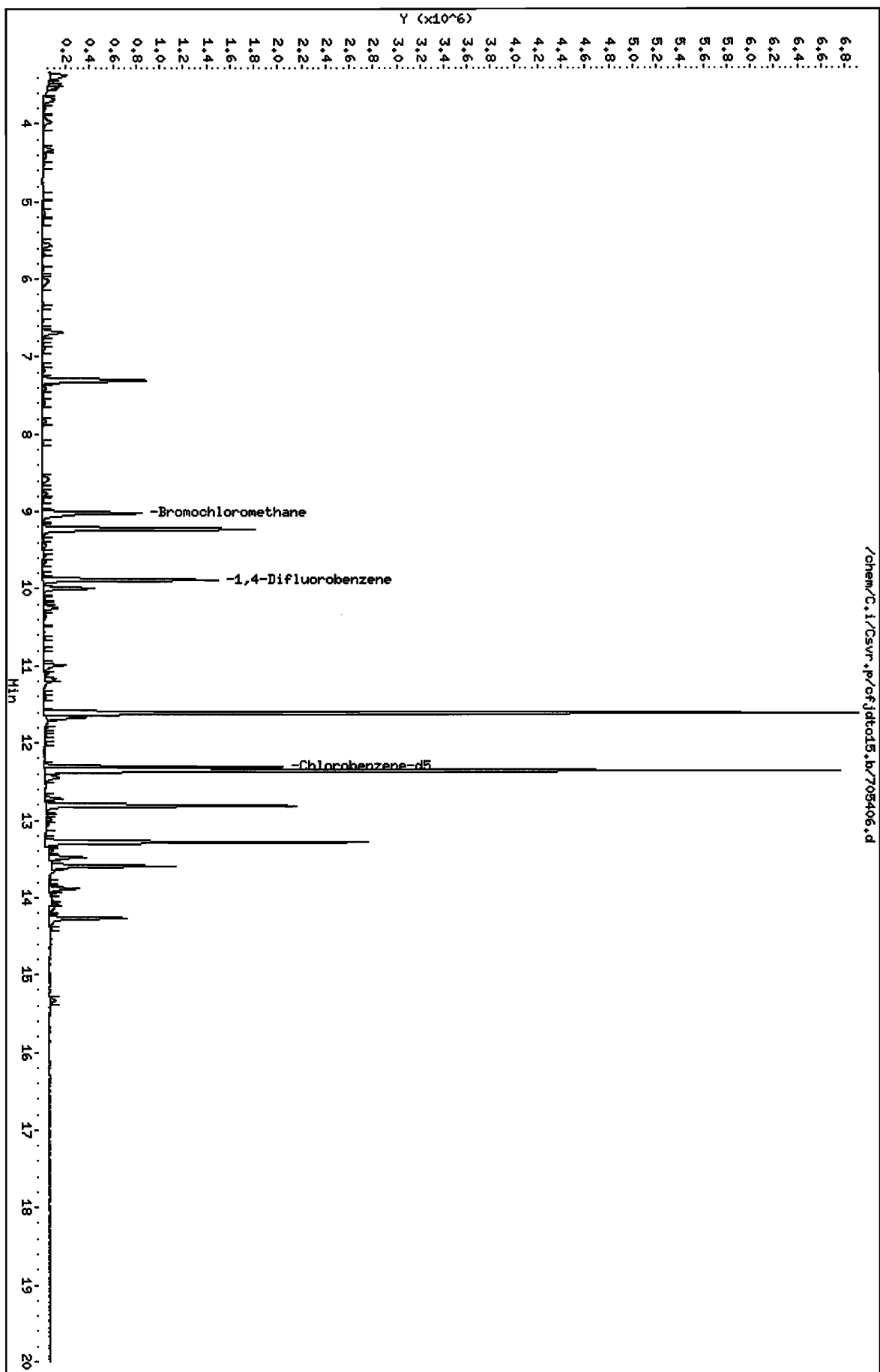
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

79-01-6-----	Trichloroethene	0.60	U
78-87-5-----	1,2-Dichloropropane	0.60	U
123-91-1-----	1,4-Dioxane	15	U
75-27-4-----	Bromodichloromethane	0.60	U
10061-01-5-----	cis-1,3-Dichloropropene	0.60	U
108-10-1-----	Methyl Isobutyl Ketone	11	
108-88-3-----	Toluene	2.2	
10061-02-6-----	trans-1,3-Dichloropropene	0.60	U
79-00-5-----	1,1,2-Trichloroethane	0.60	U
127-18-4-----	Tetrachloroethene	93	
591-78-6-----	Methyl Butyl Ketone	23	
124-48-1-----	Dibromochloromethane	0.60	U
106-93-4-----	1,2-Dibromoethane	0.60	U
108-90-7-----	Chlorobenzene	0.60	U
100-41-4-----	Ethylbenzene	0.63	
1330-20-7-----	Xylene (m,p)	1.8	
95-47-6-----	Xylene (o)	0.60	U
1330-20-7-----	Xylene (total)	1.8	
100-42-5-----	Styrene	0.60	U
75-25-2-----	Bromoform	0.60	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.60	U
622-96-8-----	4-Ethyltoluene	0.60	U
108-67-8-----	1,3,5-Trimethylbenzene	0.60	U
95-49-8-----	2-Chlorotoluene	0.60	U
95-63-6-----	1,2,4-Trimethylbenzene	0.60	U
541-73-1-----	1,3-Dichlorobenzene	0.60	U
106-46-7-----	1,4-Dichlorobenzene	0.60	U
95-50-1-----	1,2-Dichlorobenzene	0.60	U
120-82-1-----	1,2,4-Trichlorobenzene	1.5	U
87-68-3-----	Hexachlorobutadiene	0.60	U
91-20-3-----	Naphthalene	1.5	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705406.d
Date : 18-APR-2007 20:45
Client ID: SS-3
Sample Info: SS-3 : I 103/29/07 @ (AIR)
Purge Volume: 67.0
Column phase: RTX-624

Instrument: C.i
Operator: wrd
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjdto15.b/705406.d
 Report Date: 19-Apr-2007 14:38

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705406.d
 Lab Smp Id: 705406 Client Smp ID: SS-3
 Inj Date : 18-APR-2007 20:45
 Operator : wrd Inst ID: C.i
 Smp Info : SS-3 :[]03/29/07 @ (AIR)
 Misc Info : 705406;041807CA;3;67
 Comment :
 Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
 Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 11
 Dil Factor: 3.00000
 Integrator: HP RTE Compound Sublist: TO15all+N.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	67.00000	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						
5 1,3-Butadiene	54						
6 Bromomethane	94						
7 Chloroethane	64						
8 Bromoethene	106						
9 Trichlorofluoromethane	101	5.566	5.561	(0.617)	110387	1.06950	3.2
10 Freon TF	101						
11 1,1-Dichloroethene	96						
12 Acetone	43	6.687	6.687	(0.741)	329835	11.3892	34
13 Isopropyl Alcohol	45						
14 Carbon Disulfide	76						
15 3-Chloropropene	41						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.306	7.306	(0.810)	678727	25.6444	77
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	7.829	7.823	(0.868)	22736	0.63925	1.9
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	8.768	8.763	(0.972)	8337	0.88228	2.6 (Q)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	187676	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
27 Chloroform	83	9.056	9.051	(1.004)	123101	1.94793	5.8
28 1,1,1-Trichloroethane	97	9.227	9.227	(0.934)	1301529	13.7157	41
29 Cyclohexane	84	9.227	9.232	(0.934)	32443	0.73349	2.2 (Q)
30 Carbon Tetrachloride	117	Compound Not Detected.					
31 2,2,4-Trimethylpentane	57	Compound Not Detected.					
32 Benzene	78	9.569	9.569	(0.968)	23711	0.29778	0.89 (M)
33 1,2-Dichloroethane	62	Compound Not Detected.					
34 n-Heptane	43	9.649	9.649	(0.976)	14222	0.31847	0.96
* 35 1,4-Difluorobenzene	114	9.883	9.883	(1.000)	1027911	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	155117	3.72332	11
43 Toluene	92	11.170	11.164	(0.907)	41749	0.73903	2.2
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	11.607	11.607	(0.943)	1478719	30.8411	93
47 Methyl Butyl Ketone	43	11.666	11.639	(0.948)	289994	7.58744	23 (Q)
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	1065270	10.0000	
51 Chlorobenzene	112	Compound Not Detected.					
52 Ethylbenzene	91	12.354	12.349	(1.003)	29919	0.21107	0.63
53 Xylene (m,p)	106	12.440	12.435	(1.010)	32690	0.58489	1.8 (Q)
54 Xylene (o)	106	Compound Not Detected.					
M 55 Xylene (total)	106						
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.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
=====	====	==	=====	=====	=====	=====	=====
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.		
68 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

REL 19Apr07

Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

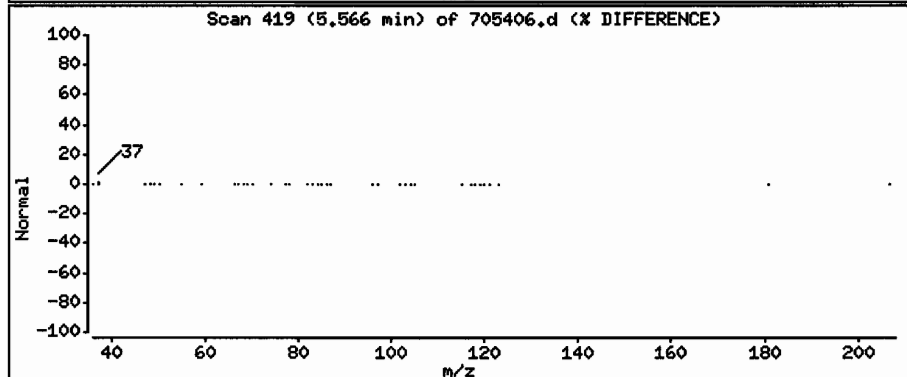
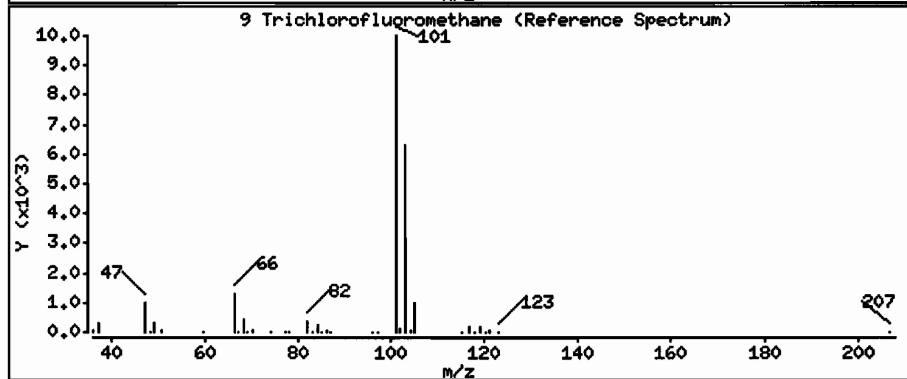
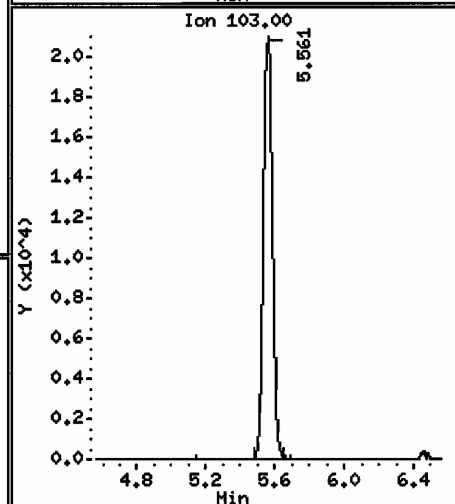
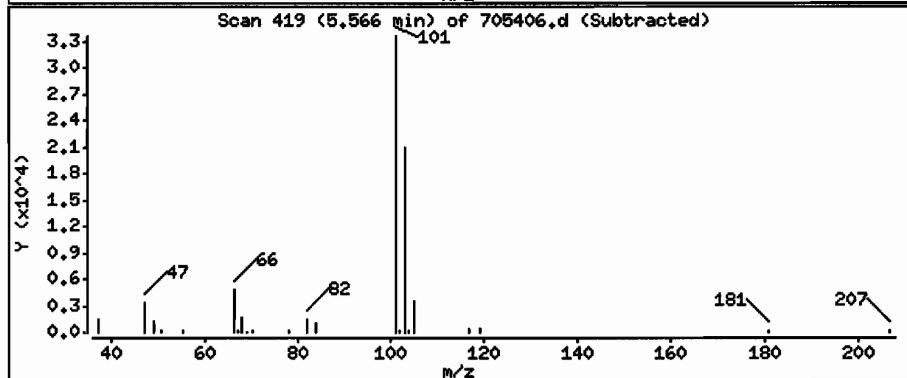
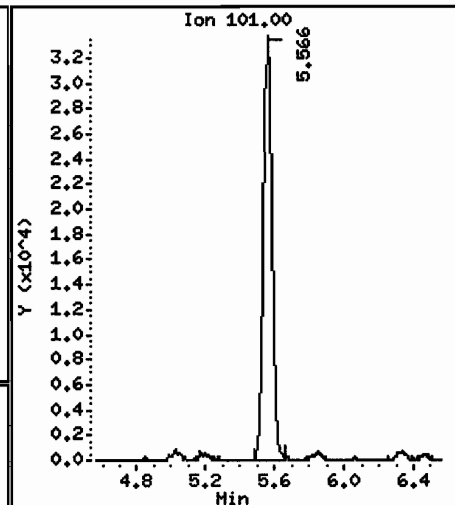
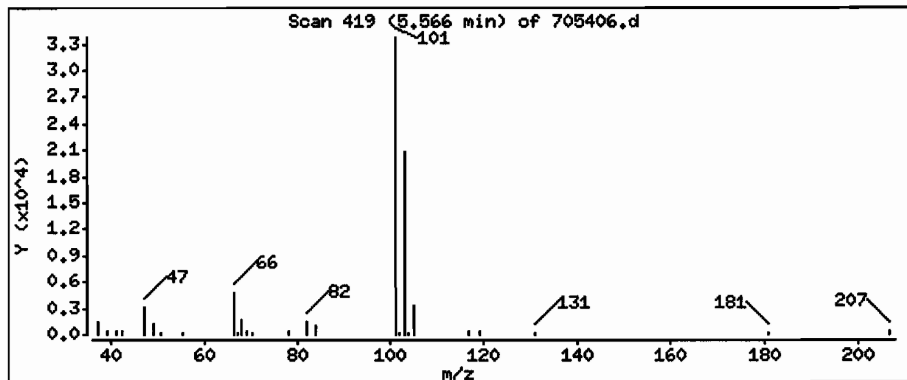
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

9 Trichlorofluoromethane

Concentration: 3.2 ppbv



Data File: /chem/C.i/Csvr,p/0fjdt015,b/705406.d

Page 6

Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 ;[103/29/07 @ (AIR)

Purge Volume: 67.0

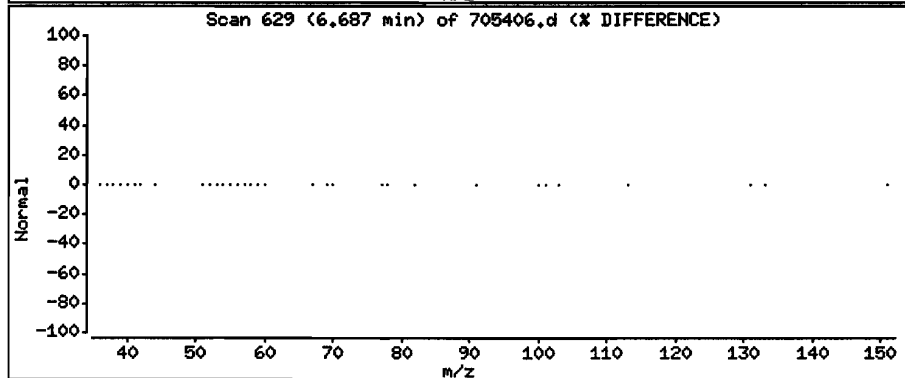
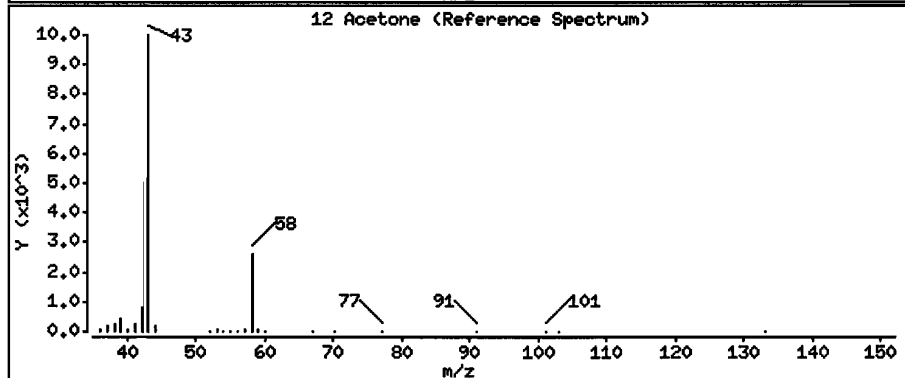
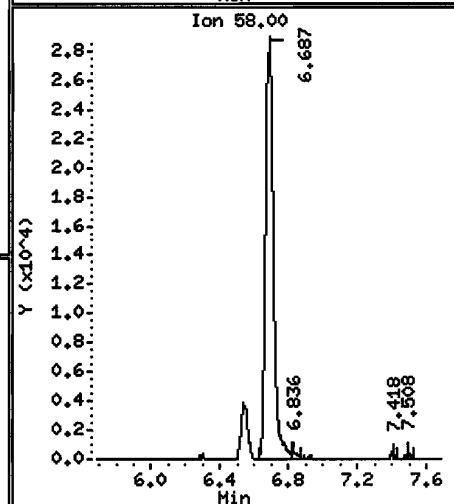
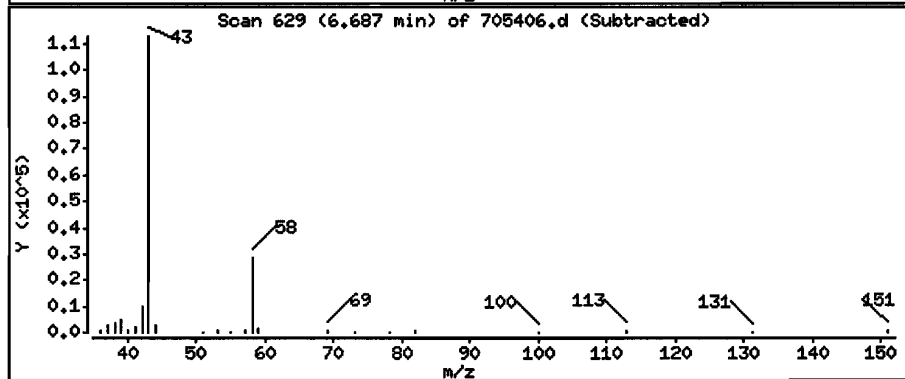
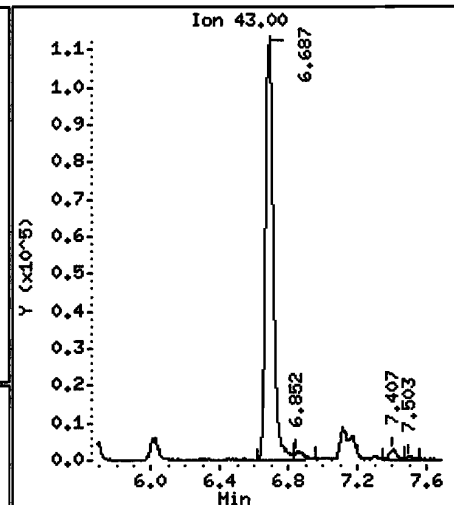
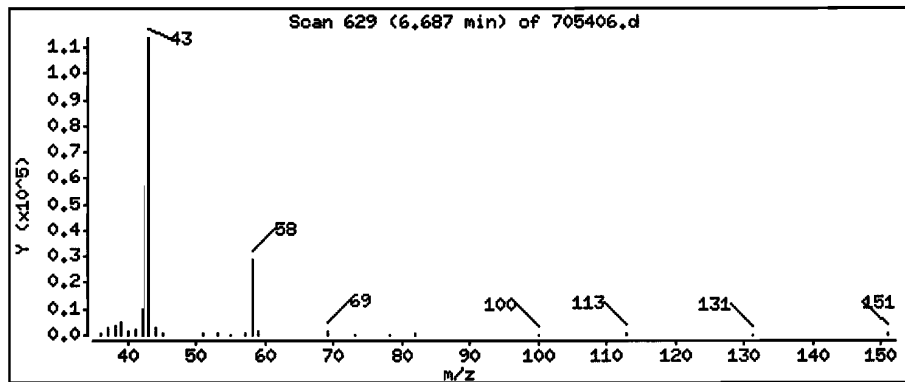
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

12 Acetone

Concentration: 34 ppbv



Data File: /chem/C.i/Csvr.p/cfjdt015.b/705406.d

Page 7

Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 ;[103/29/07 @ (AIR)

Purge Volume: 67.0

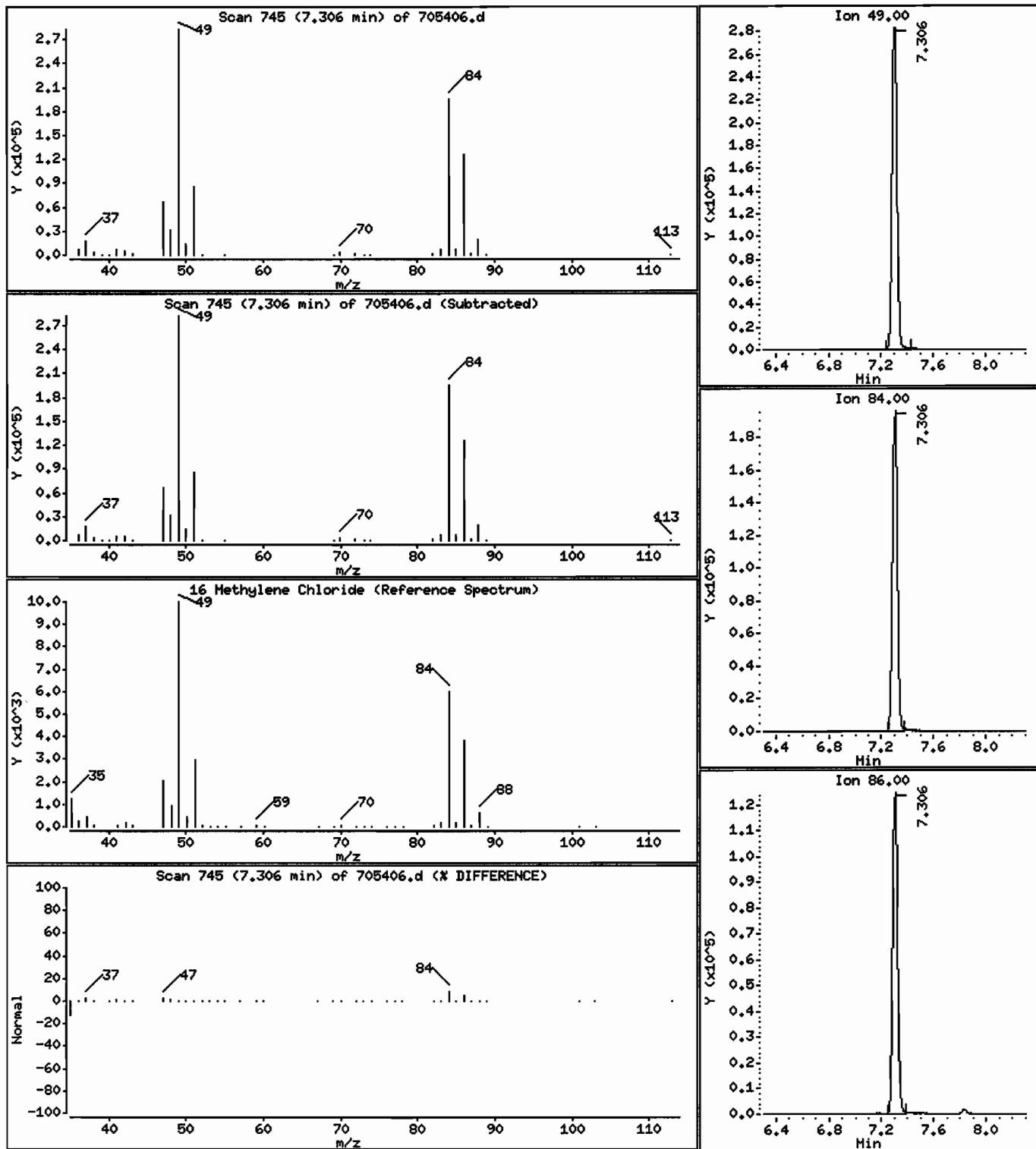
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 77 ppbv



Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 ;[103/29/07 @ (AIR)

Purge Volume: 67.0

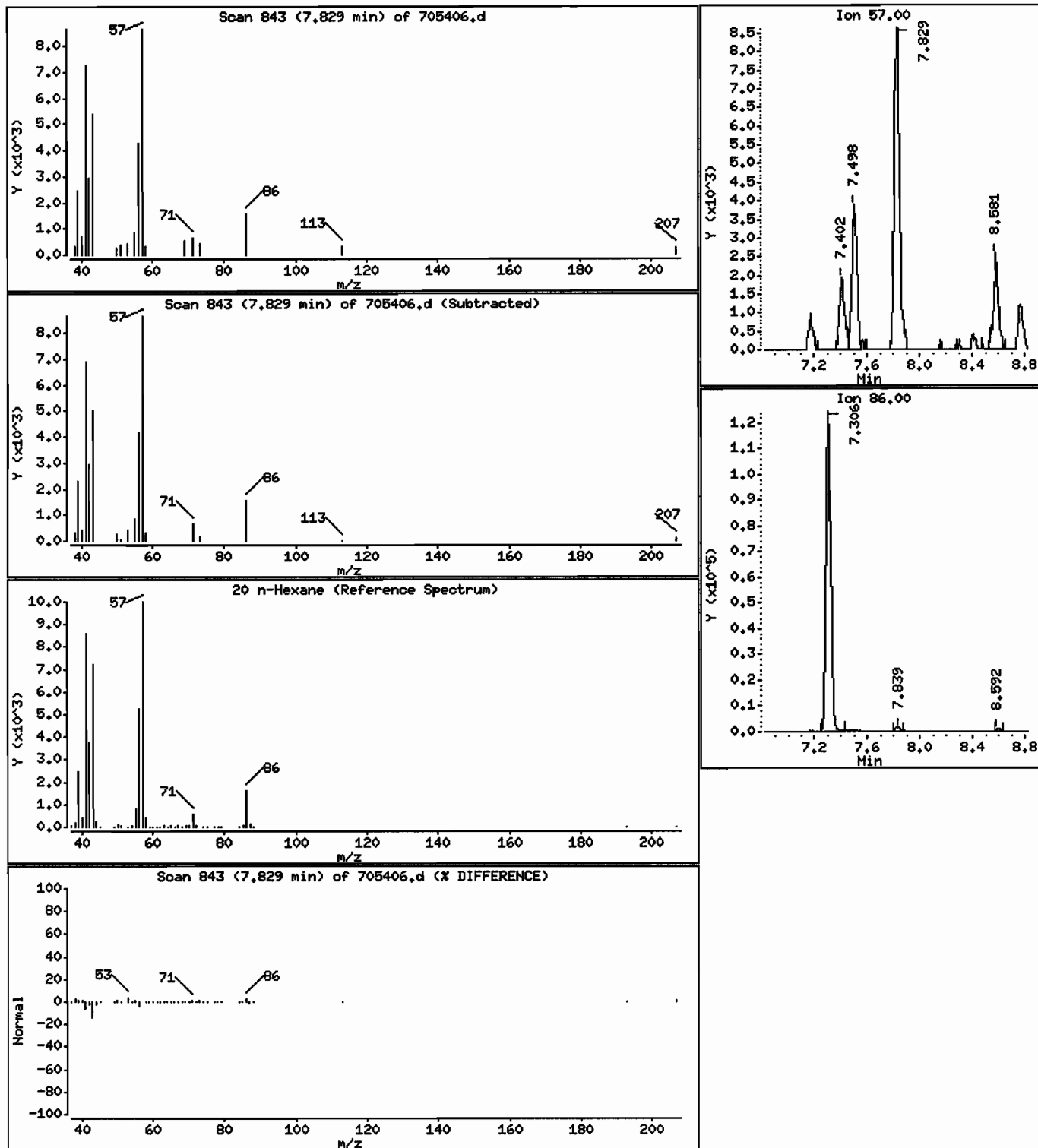
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

20 n-Hexane

Concentration: 1.9 ppbv



Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 ;[103/29/07 @ (AIR)

Purge Volume: 67.0

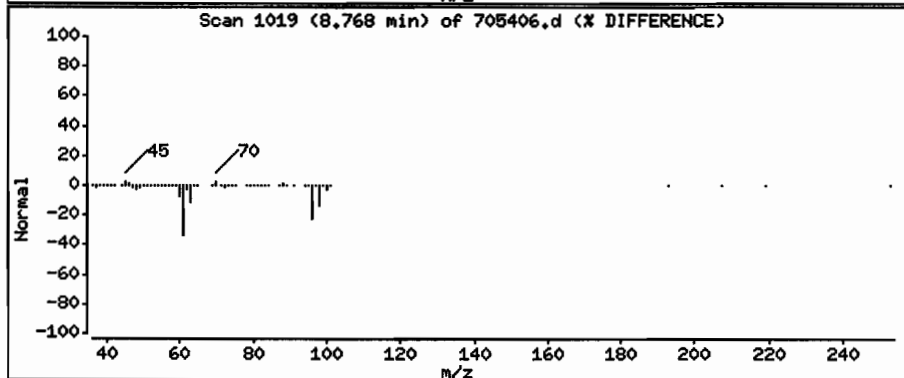
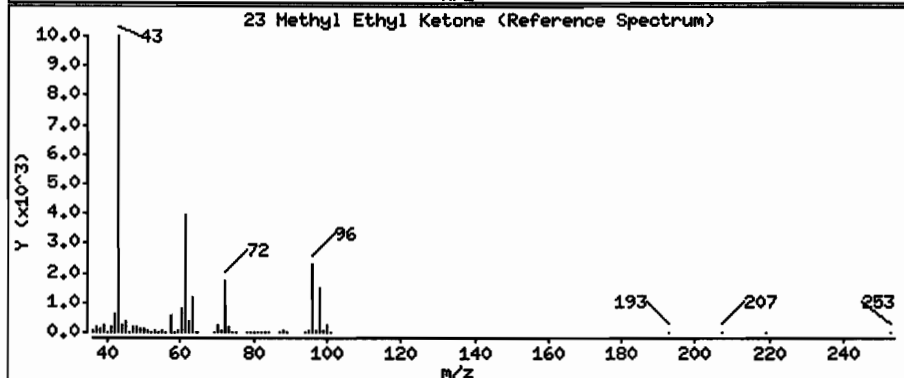
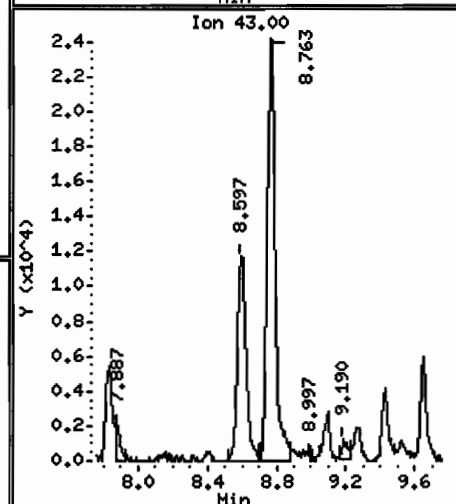
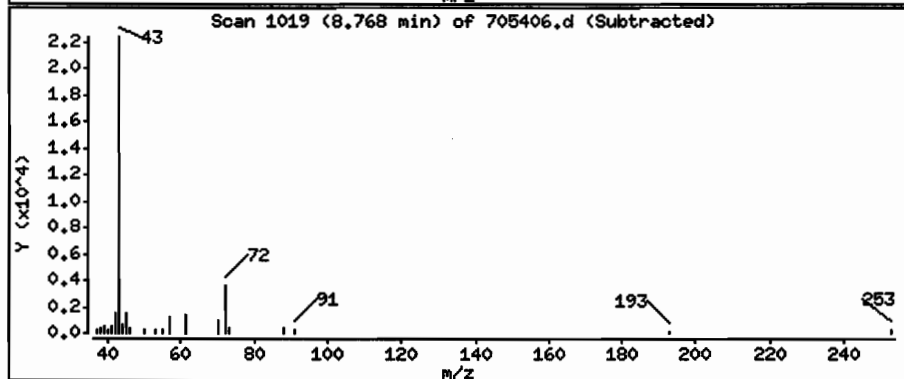
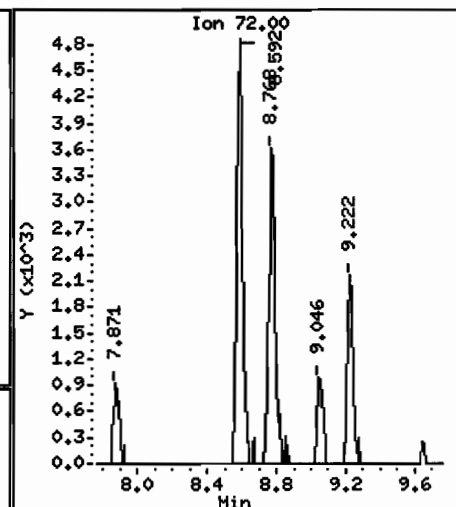
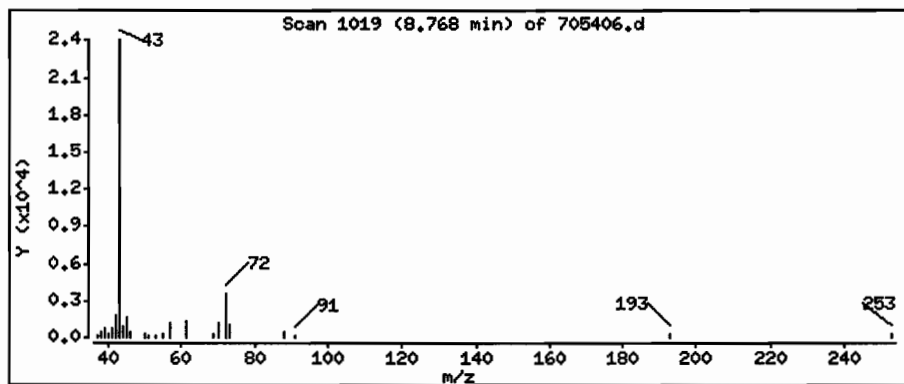
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

23 Methyl Ethyl Ketone

Concentration: 2.6 ppbv



Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

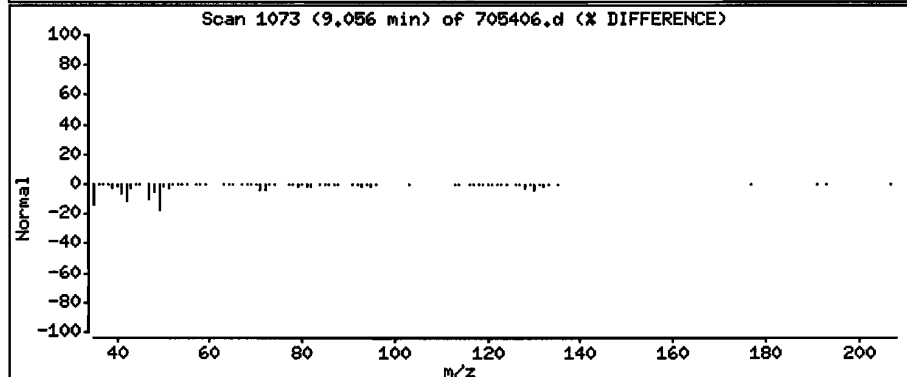
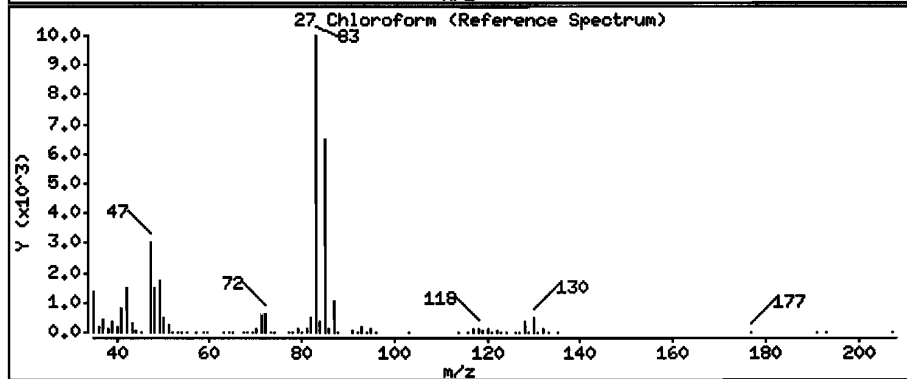
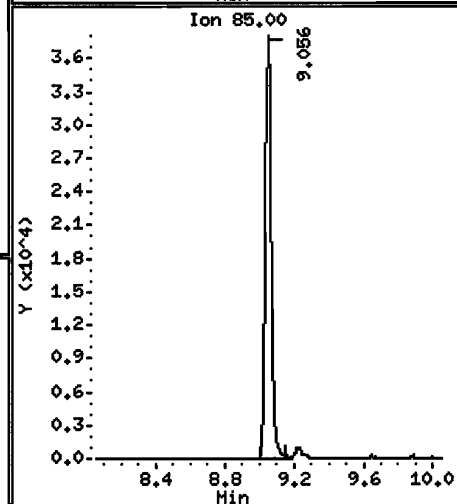
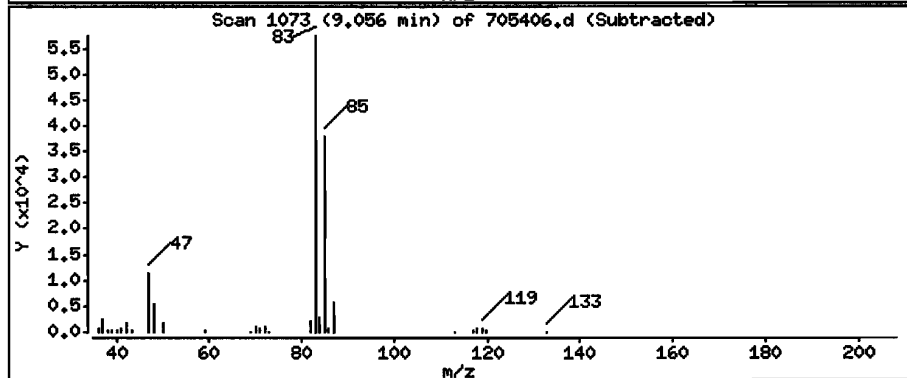
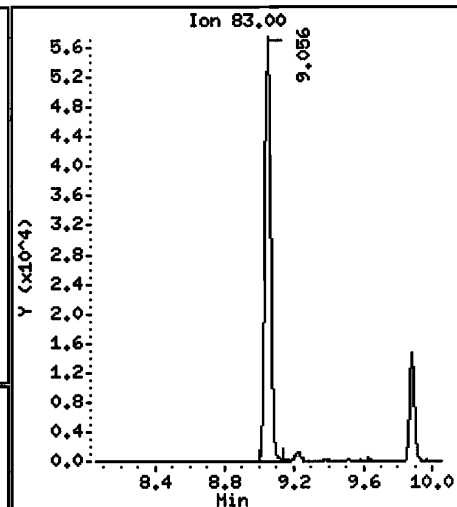
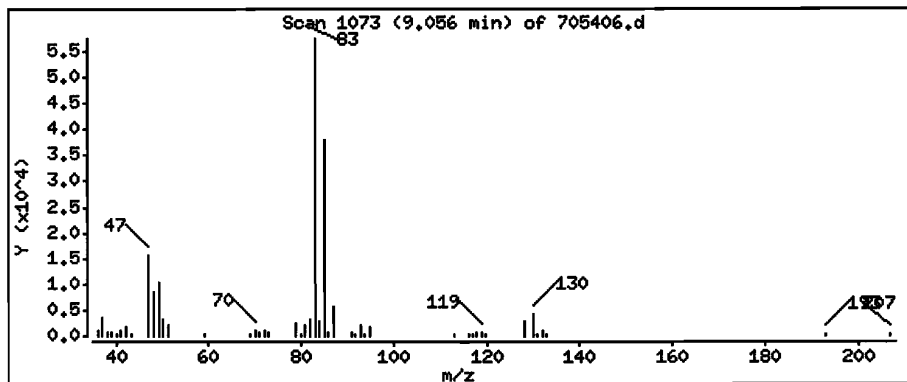
Operator: wrd

Column phase: RTX-624

Column diameter: 0,32

27 Chloroform

Concentration: 5,8 ppbv



Date: 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

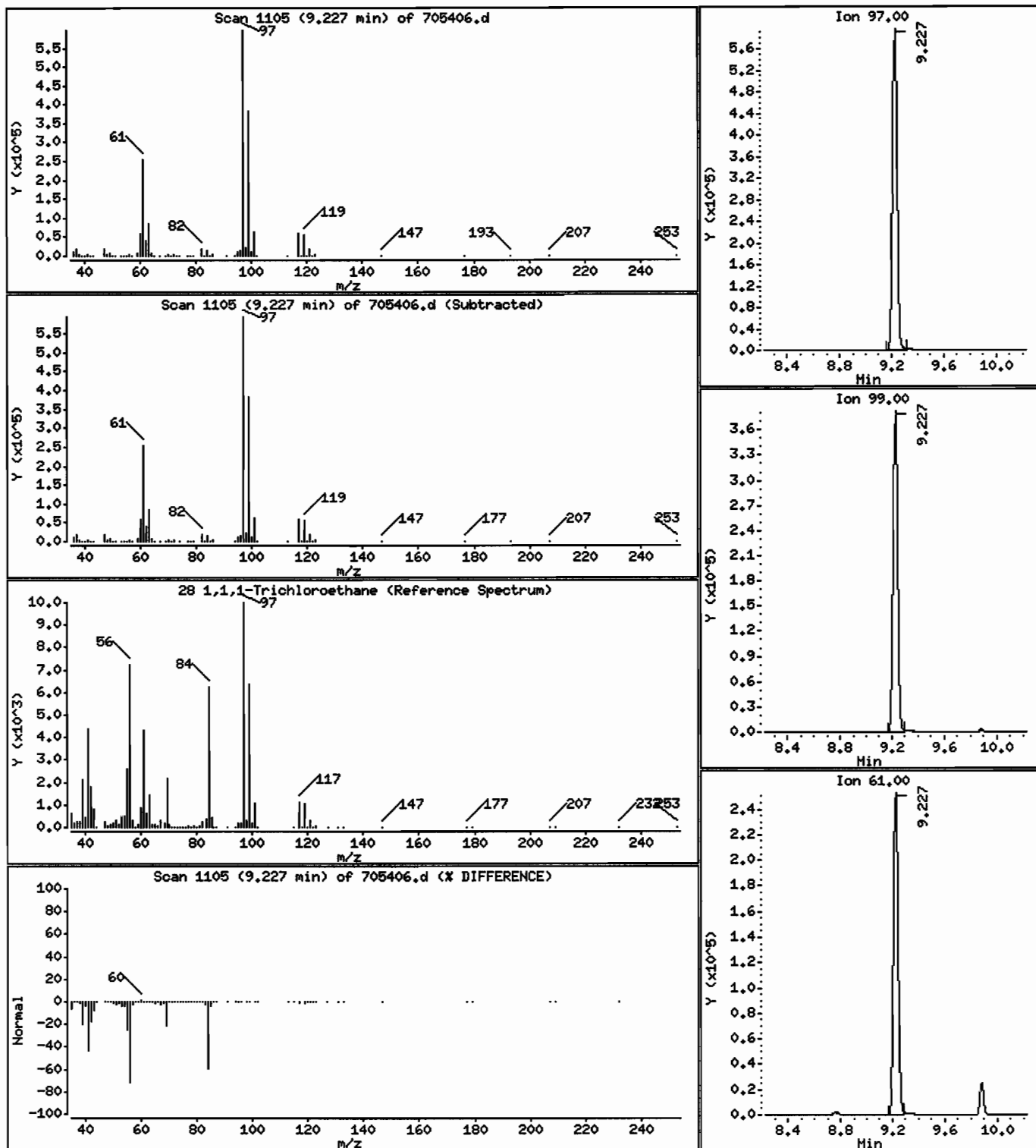
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

28 1,1,1-Trichloroethane

Concentration: 41 ppbv



Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

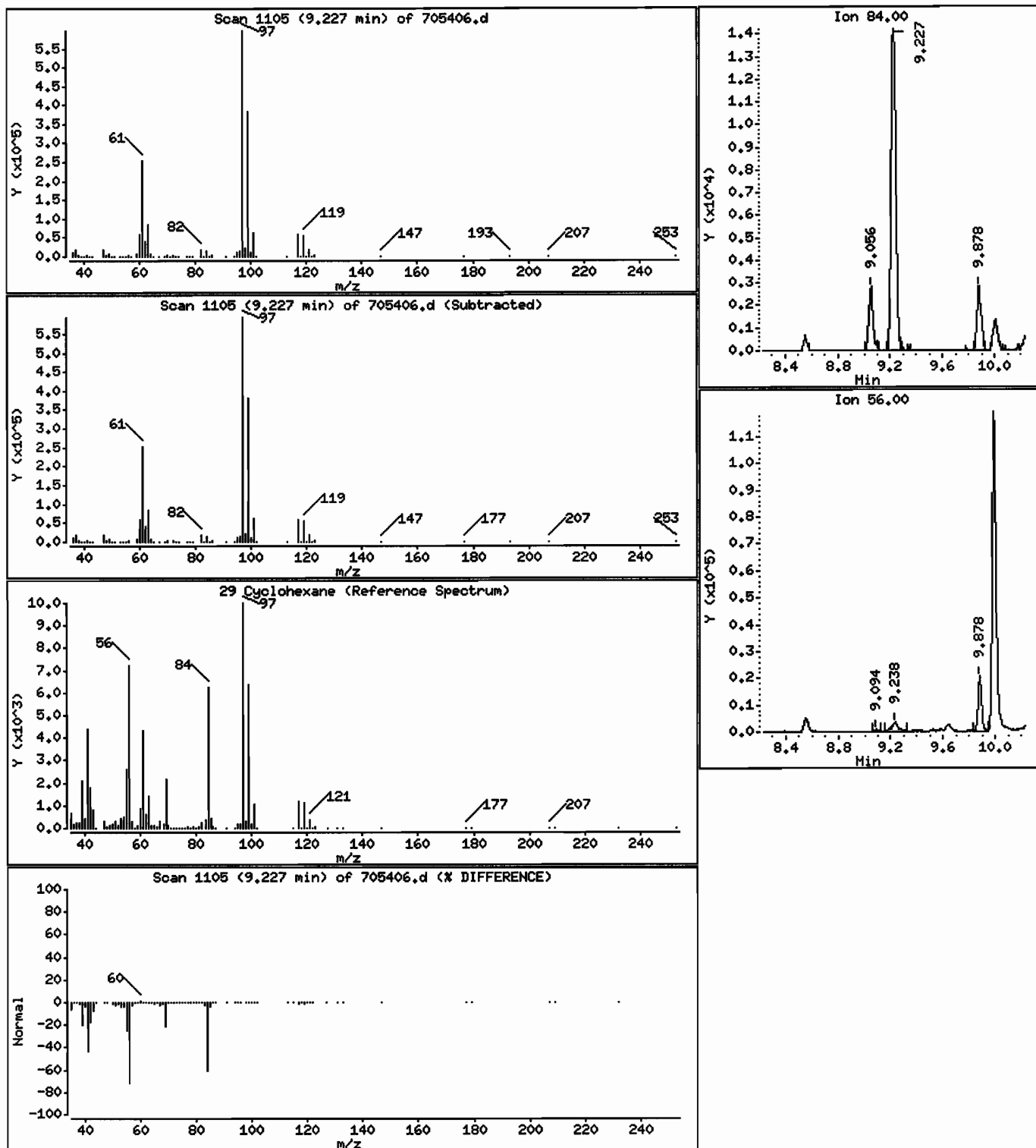
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

29 Cyclohexane

Concentration: 2.2 ppbv



Date: 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

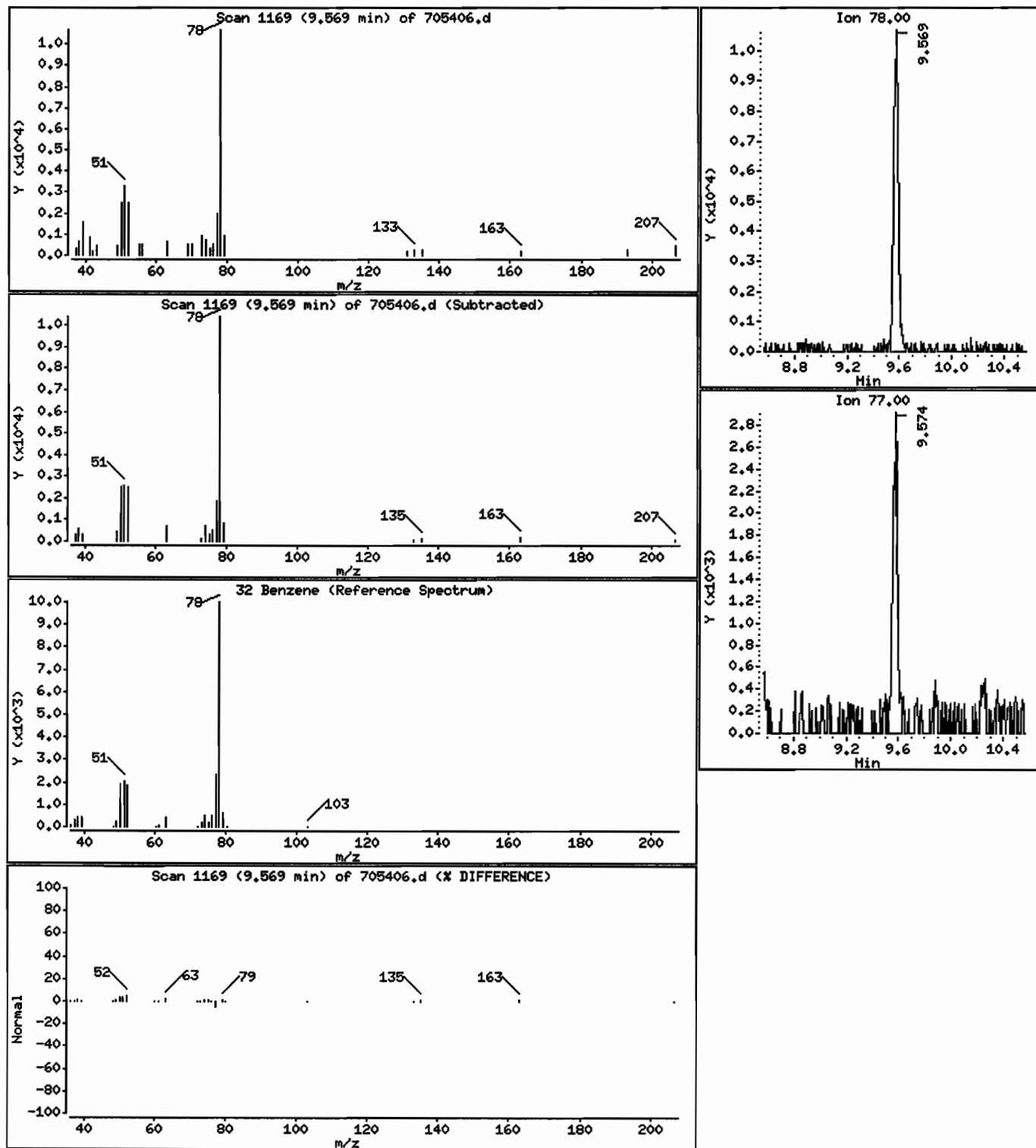
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

32 Benzene

Concentration: 0.89 ppbv



Date: 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

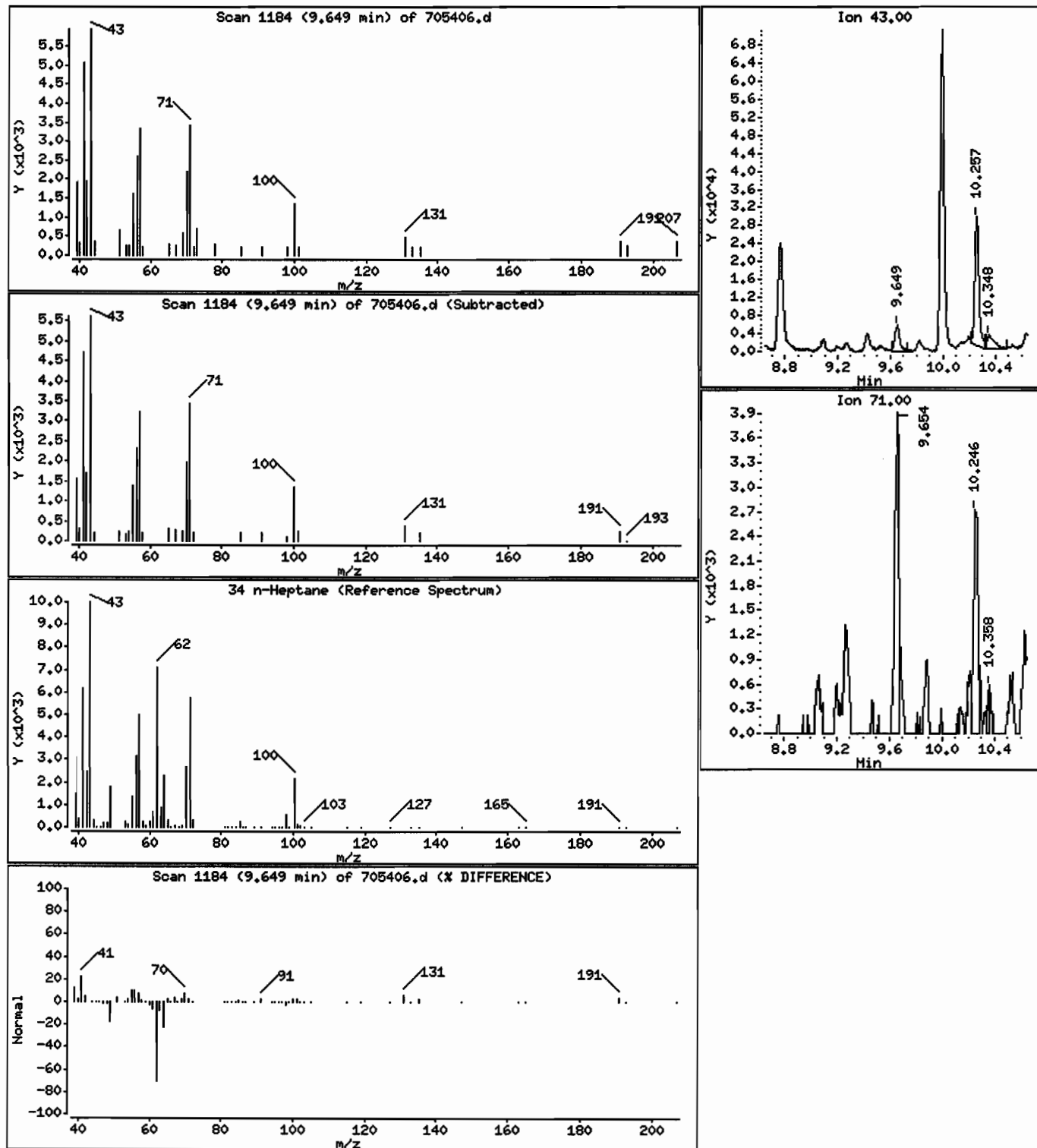
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

34 n-Heptane

Concentration: 0.96 ppbv



Data File: /chem/C.i/Csvr.p/cfjdt015.b/705406.d

Page 15

Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

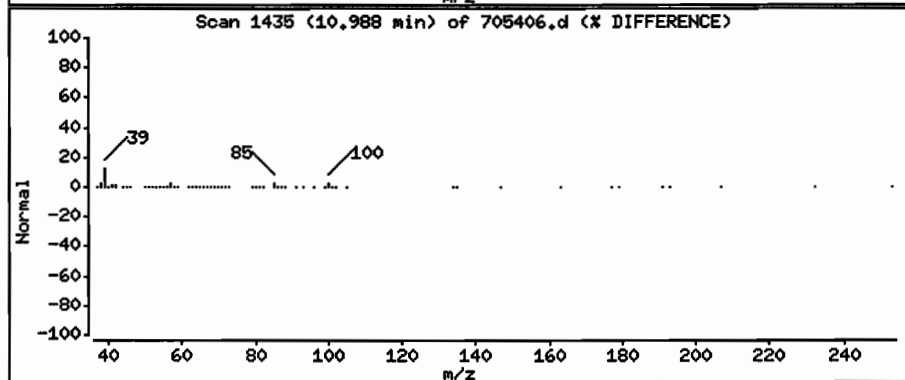
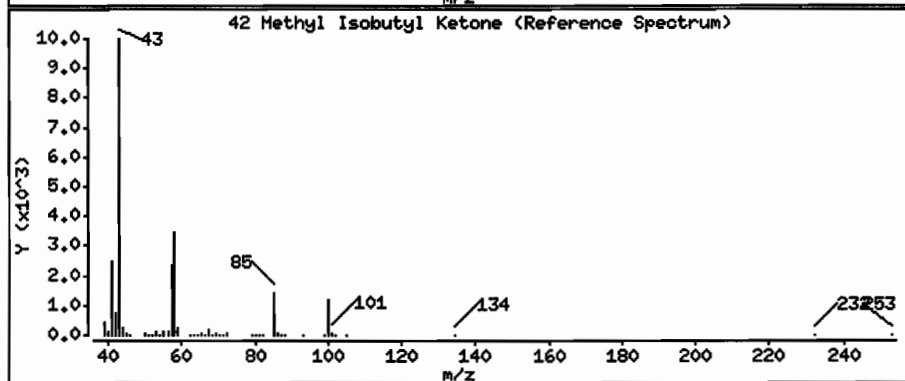
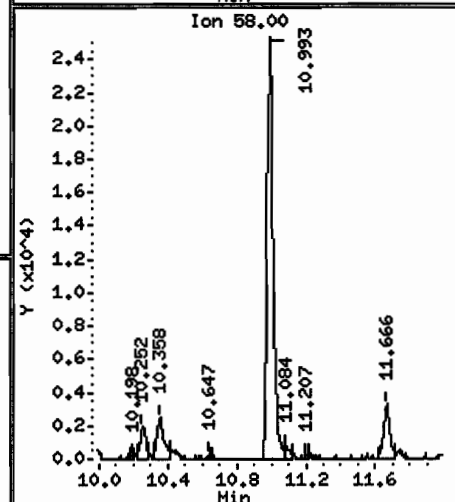
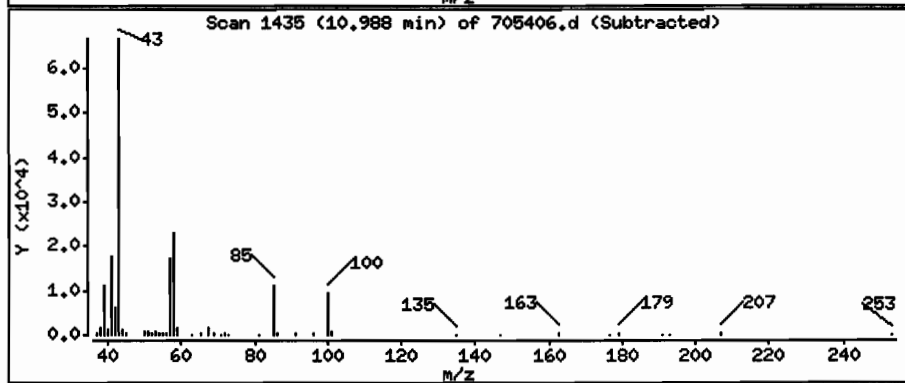
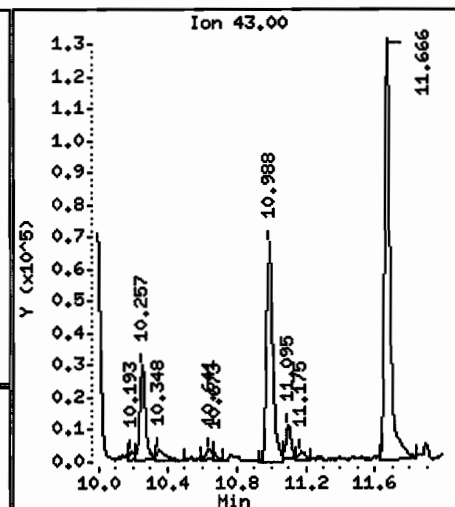
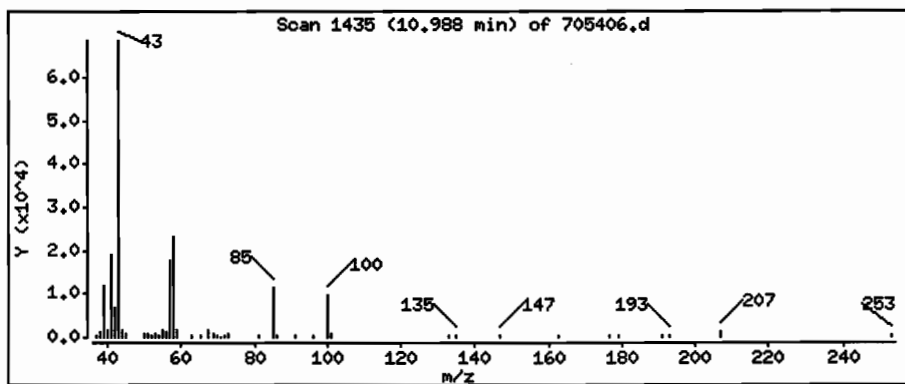
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

42 Methyl Isobutyl Ketone

Concentration: 11 ppbv



Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

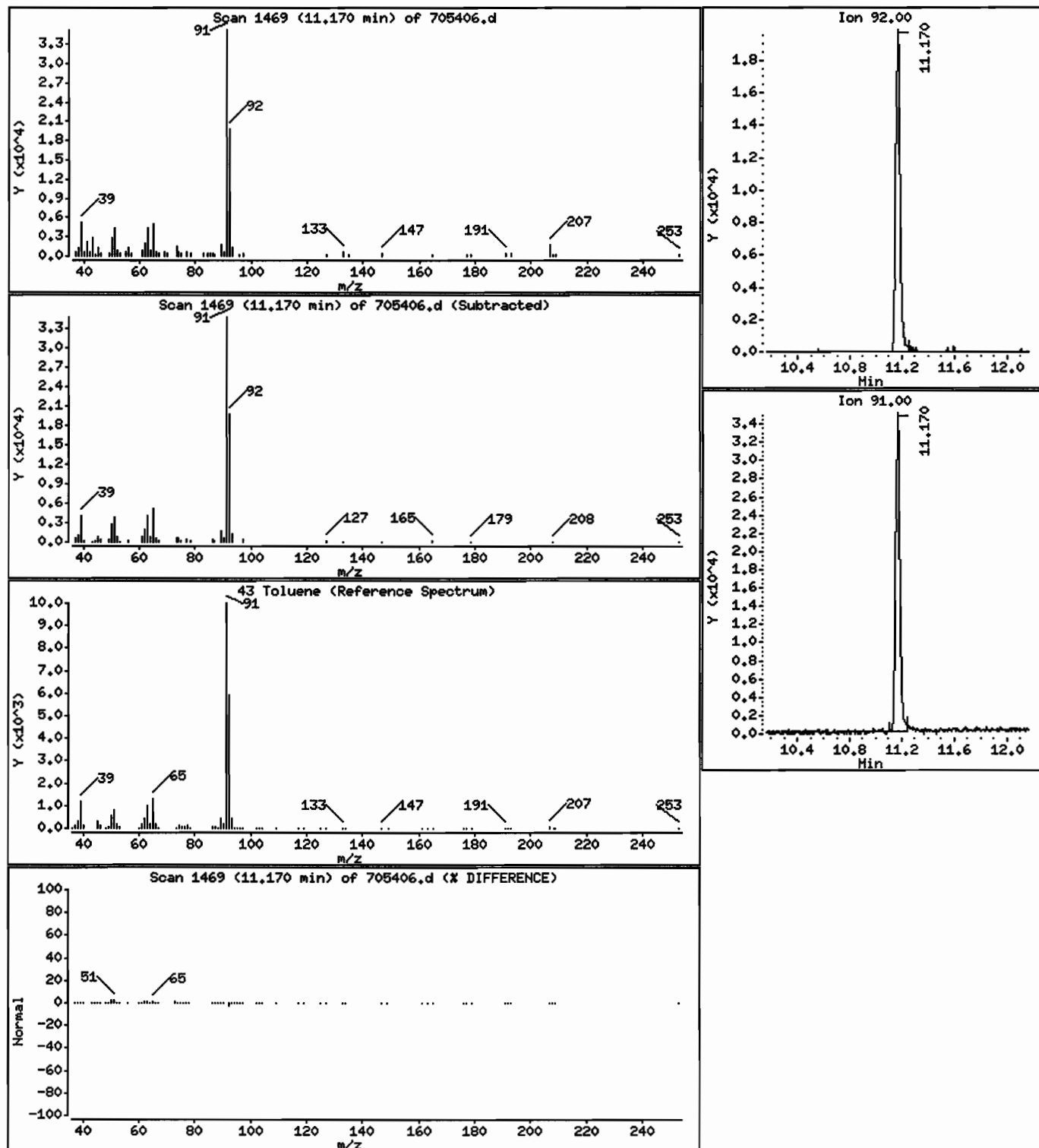
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

43 Toluene

Concentration: 2.2 ppbv



Date: 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 [103/29/07 @ (AIR)

Purge Volume: 67.0

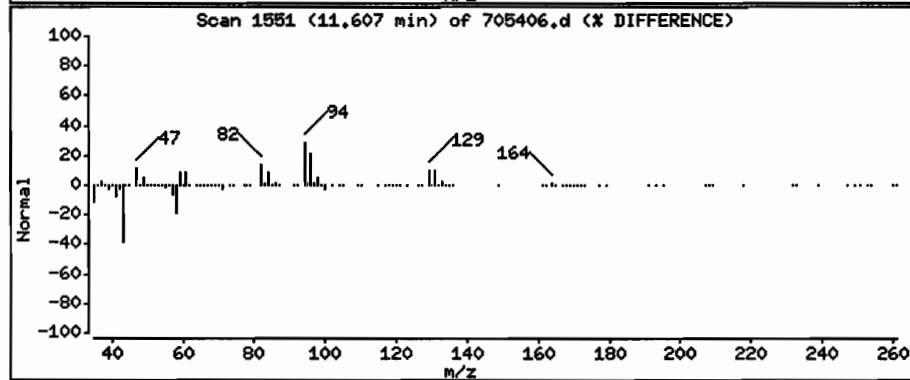
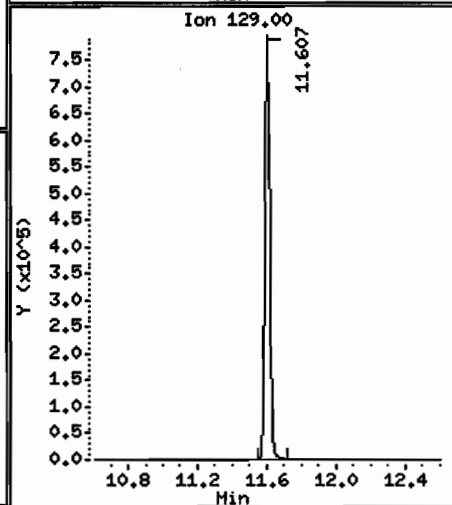
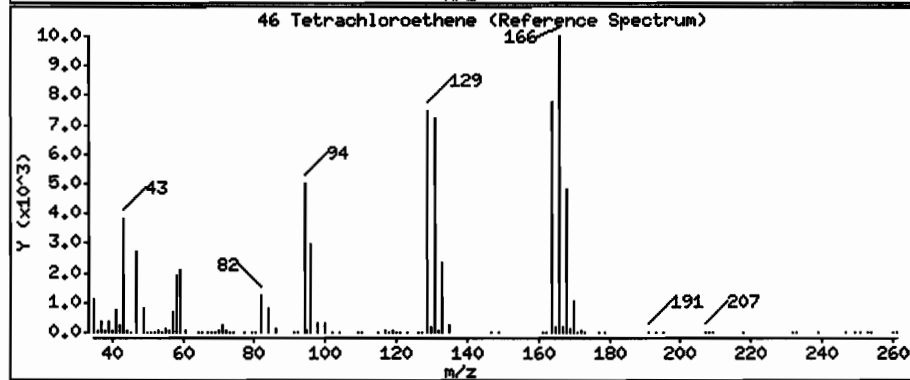
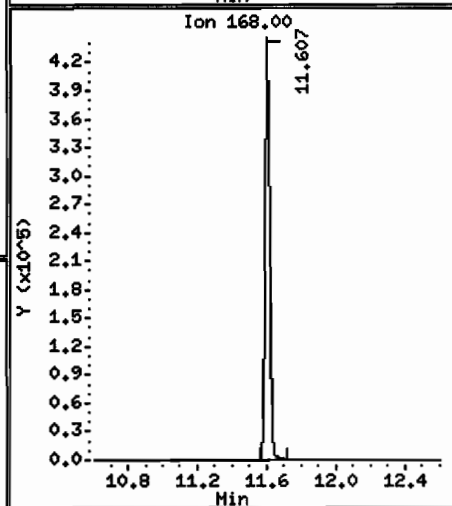
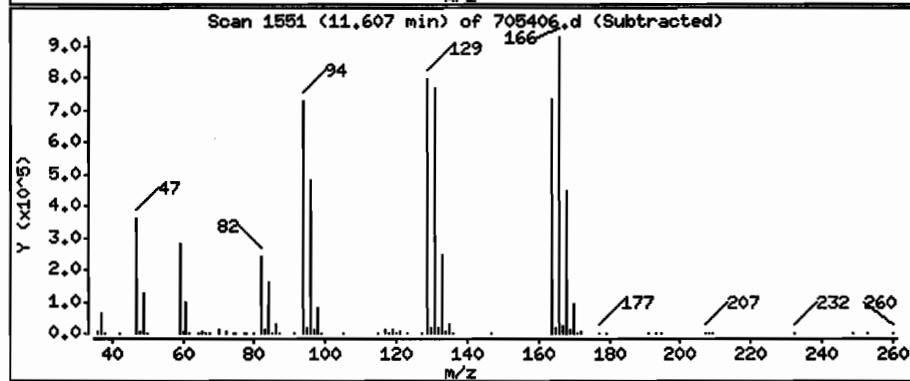
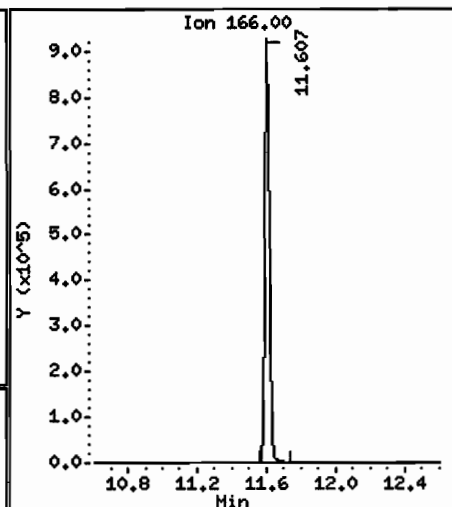
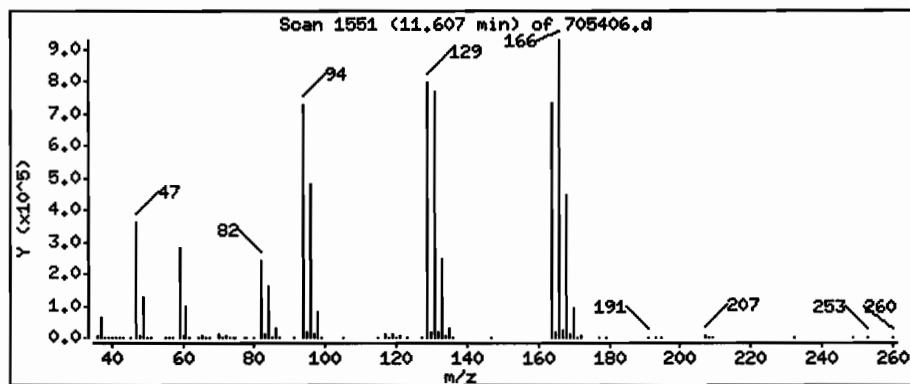
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 93 ppbv



Data File: /chem/C.i/Csvr.p/cfjdt015.b/705406.d

Page 18

Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 : [103/29/07 @ (AIR)

Purge Volume: 67.0

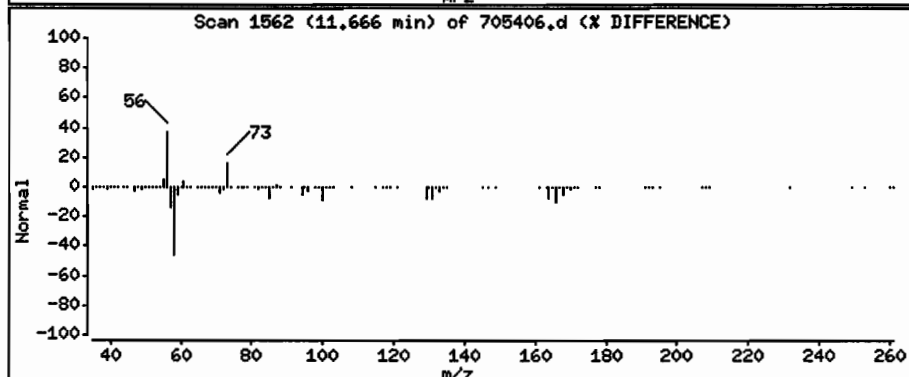
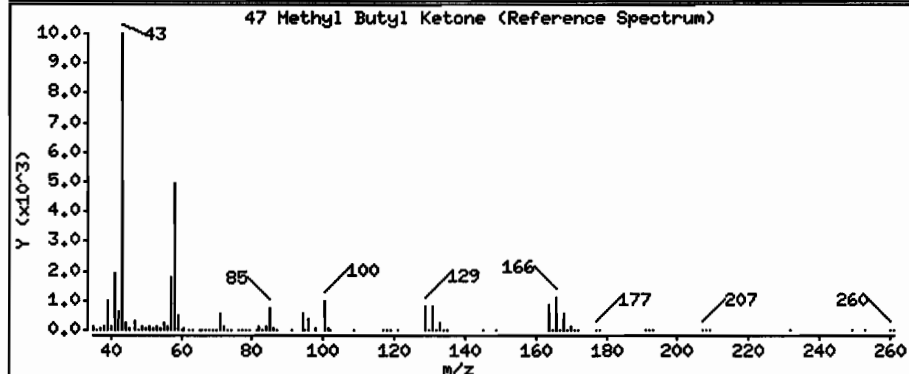
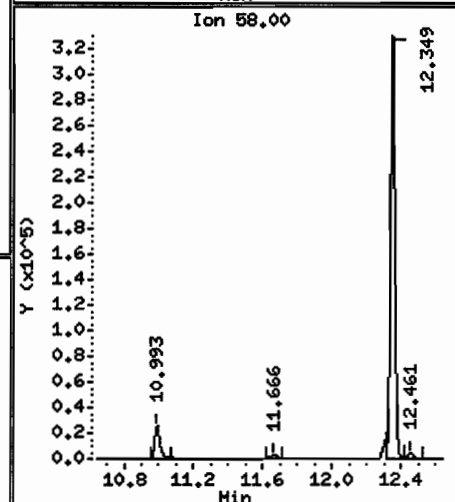
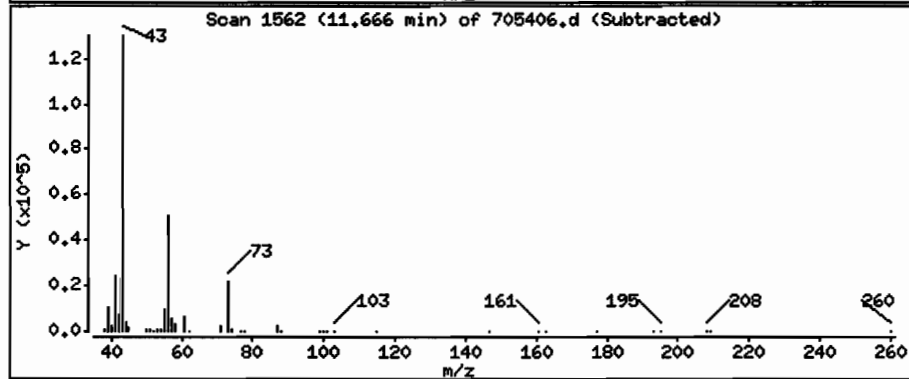
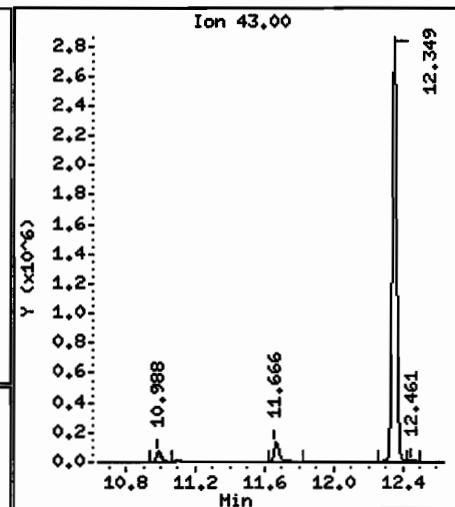
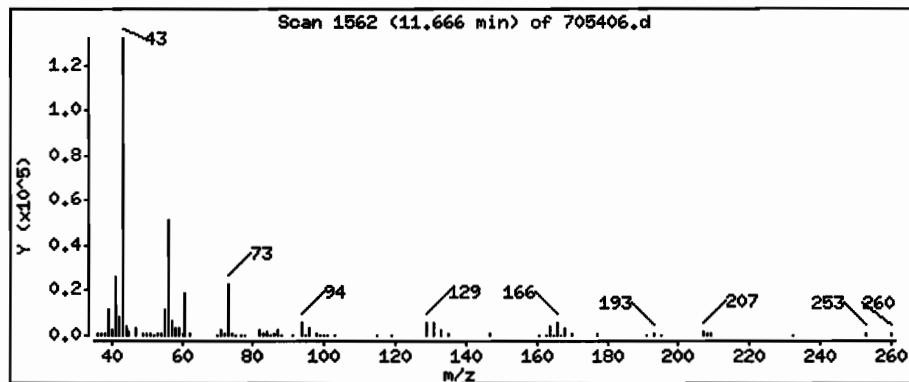
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

47 Methyl Butyl Ketone

Concentration: 23 ppbv



Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 ;[103/29/07 @ (AIR)

Purge Volume: 67.0

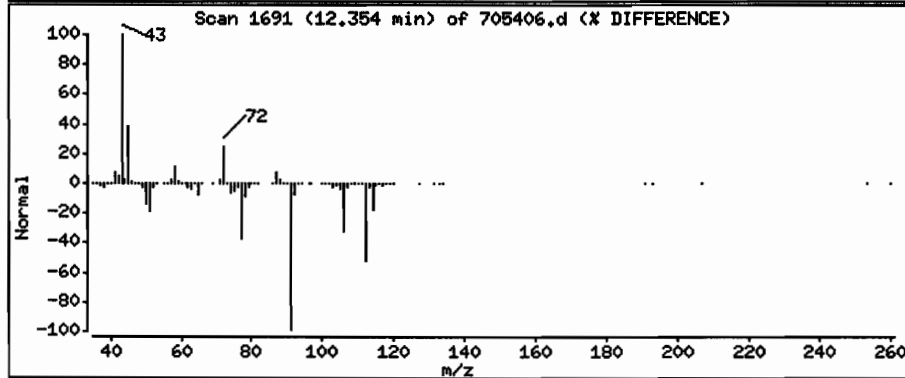
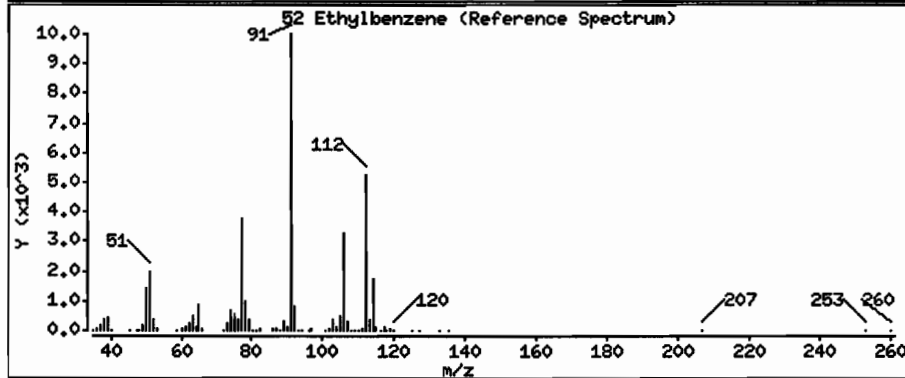
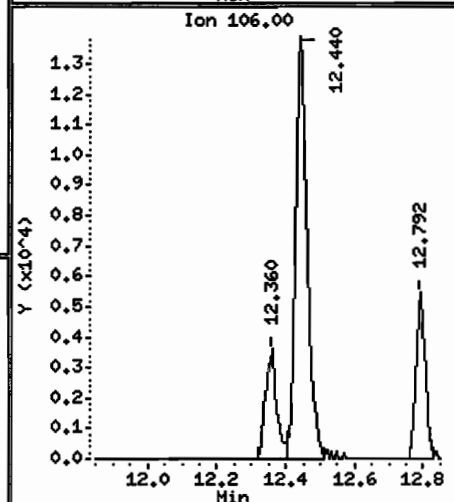
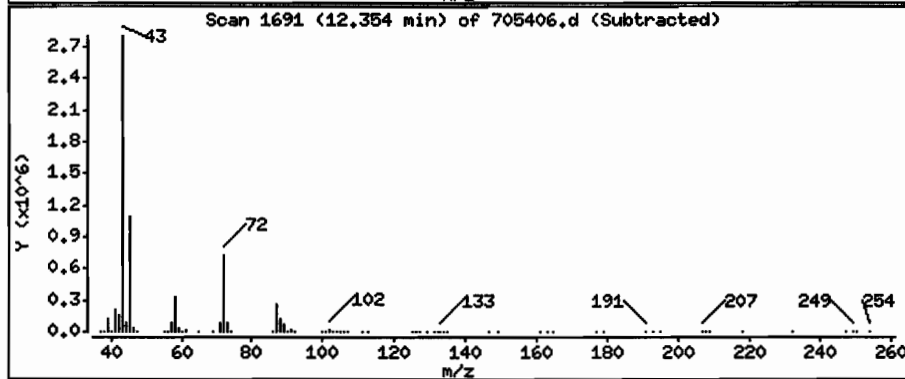
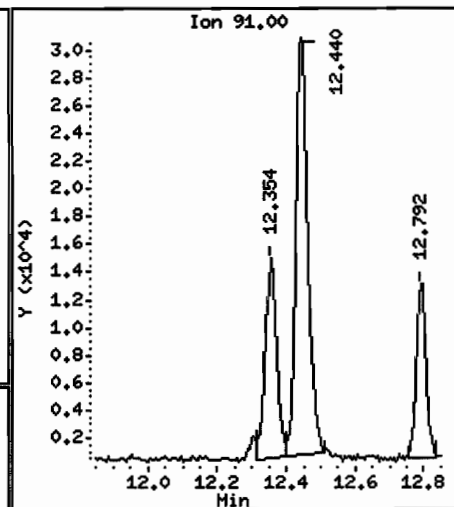
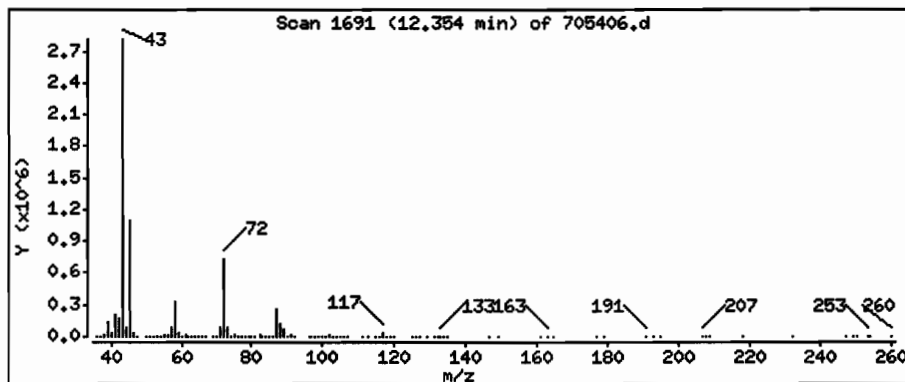
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

52 Ethylbenzene

Concentration: 0.63 ppbv



Date : 18-APR-2007 20:45

Client ID: SS-3

Instrument: C.i

Sample Info: SS-3 :[103/29/07 @ (AIR)

Purge Volume: 67.0

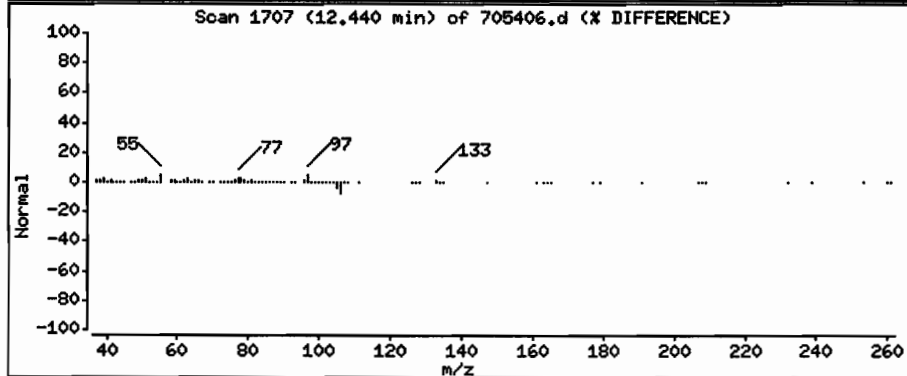
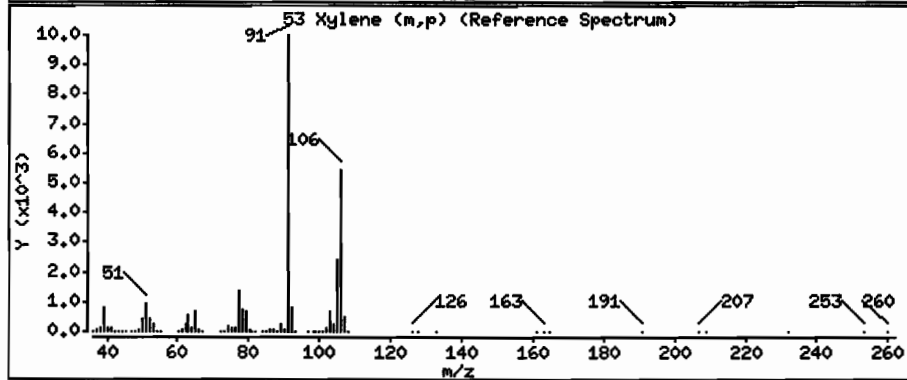
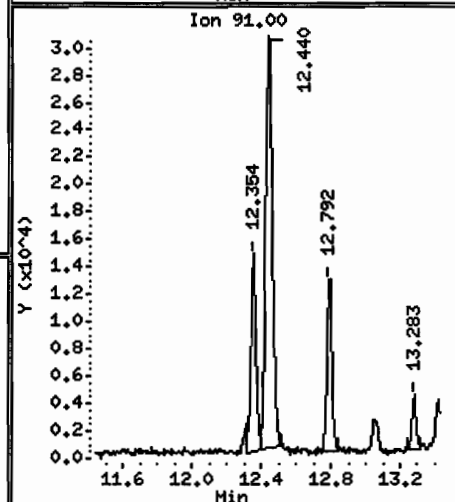
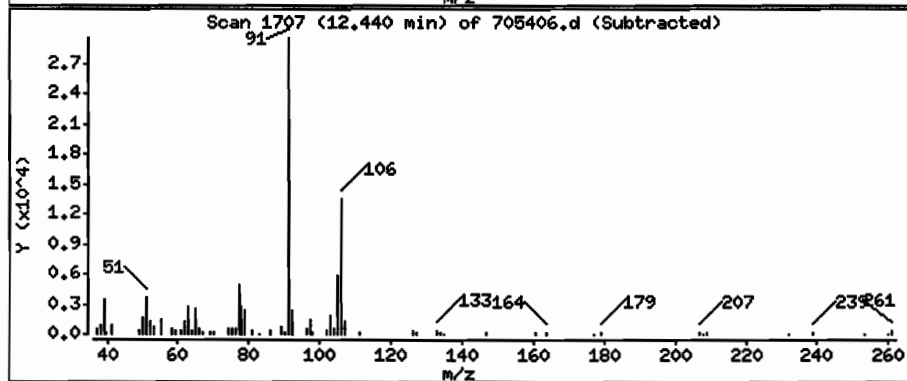
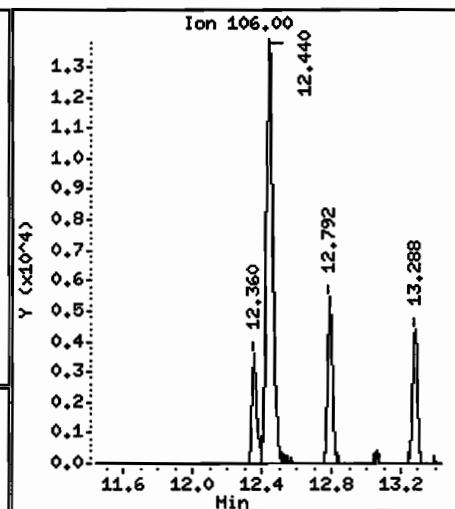
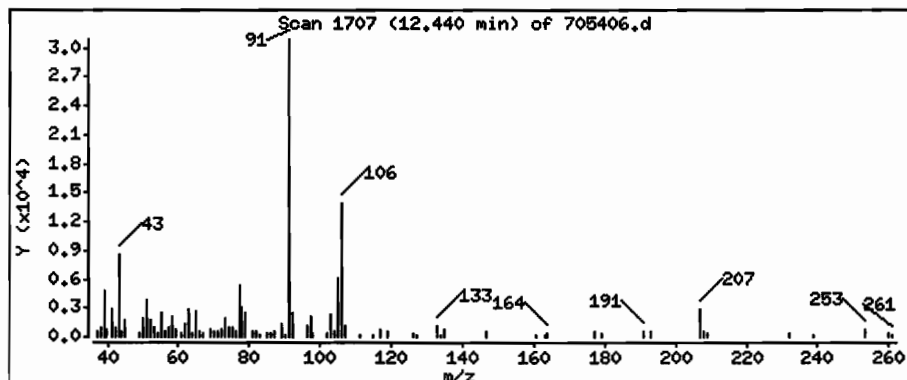
Operator: urd

Column phase: RTX-624

Column diameter: 0.32

53 Xylene (m,p)

Concentration: 1.8 ppbv

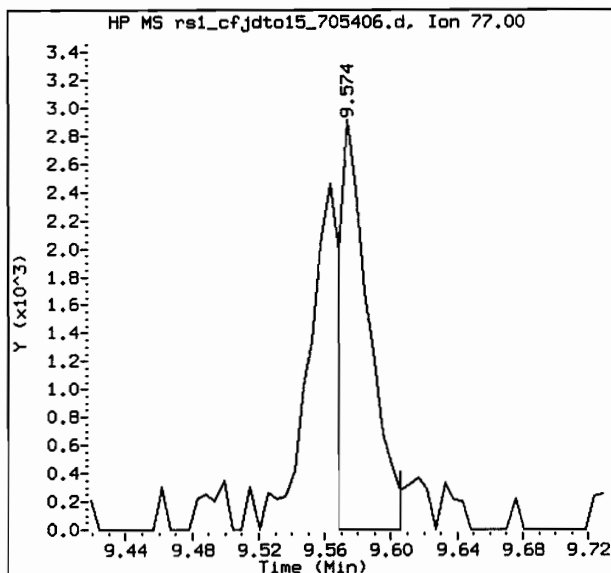
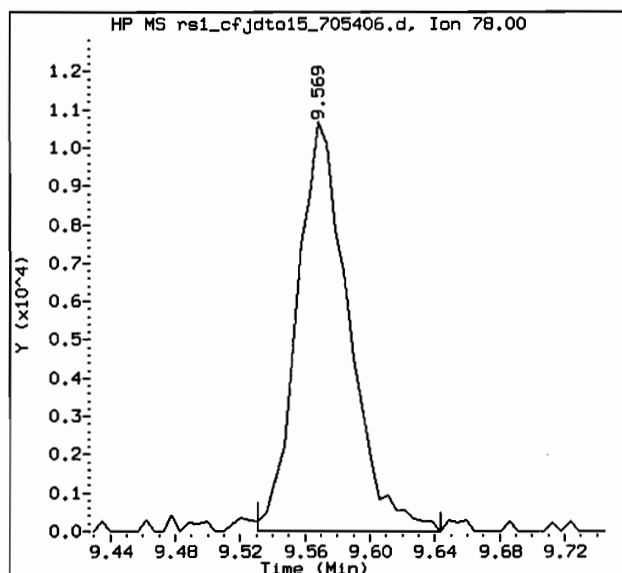


MANUAL INTEGRATION REPORT

Data File Name: 705406.d
Client Sample ID: SS-3
Compound Name: Benzene

Inj. Date and Time: 18-APR-2007 20:45
Instrument ID: C.i
CAS #: 71-43-2

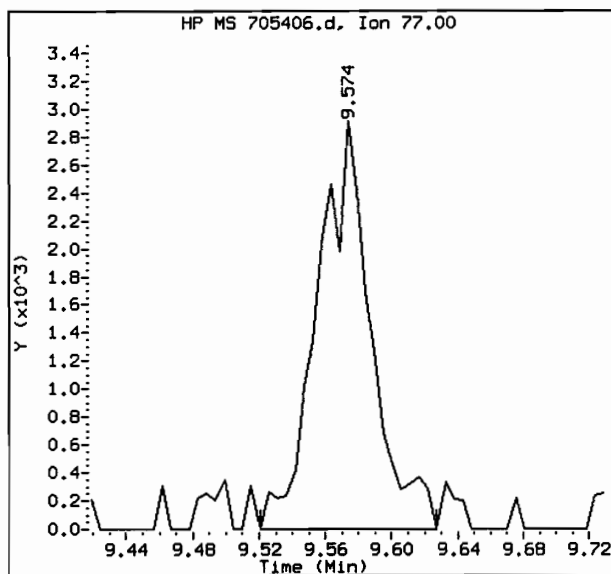
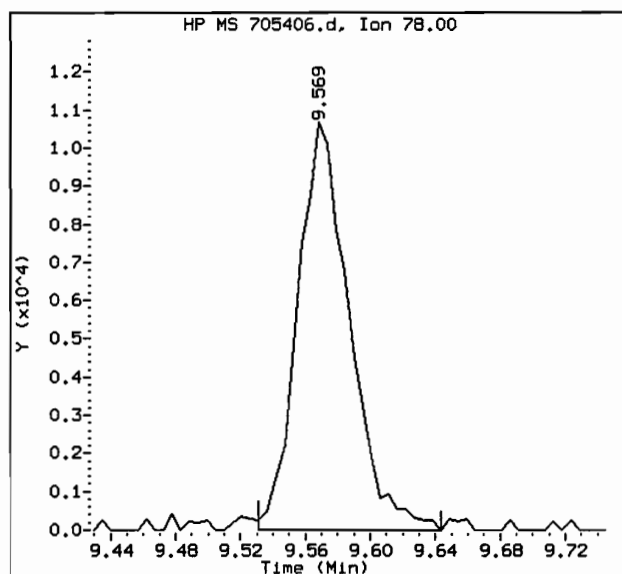
Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/19/2007 14:38



Original Integrations:

Area = 23711

Area = 3720



Final Integrations:

Area = 23711

Area = 6590

Manual Integration Reason: M3 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-4

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705408

Sample wt/vol: 156.0 (g/mL) ML

Lab File ID: 705408

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 66.5

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	33	U
76-14-2-----	1,2-Dichlorotetrafluoroethan	13	U
74-87-3-----	Chloromethane	33	U
75-01-4-----	Vinyl Chloride	13	U
106-99-0-----	1,3-Butadiene	33	U
74-83-9-----	Bromomethane	13	U
75-00-3-----	Chloroethane	33	U
593-60-2-----	Bromoethene	13	U
75-69-4-----	Trichlorofluoromethane	13	U
76-13-1-----	Freon TF	13	U
75-35-4-----	1,1-Dichloroethene	15	
67-64-1-----	Acetone	330	U
67-63-0-----	Isopropyl Alcohol	330	U
75-15-0-----	Carbon Disulfide	33	U
107-05-1-----	3-Chloropropene	33	U
75-09-2-----	Methylene Chloride	260	
75-65-0-----	tert-Butyl Alcohol	330	U
1634-04-4-----	Methyl tert-Butyl Ether	33	U
156-60-5-----	trans-1,2-Dichloroethene	13	U
110-54-3-----	n-Hexane	33	U
75-34-3-----	1,1-Dichloroethane	330	
540-59-0-----	1,2-Dichloroethene (total)	13	U
78-93-3-----	Methyl Ethyl Ketone	33	U
156-59-2-----	cis-1,2-Dichloroethene	13	U
109-99-9-----	Tetrahydrofuran	330	U
67-66-3-----	Chloroform	13	U
71-55-6-----	1,1,1-Trichloroethane	1400	
110-82-7-----	Cyclohexane	62	
56-23-5-----	Carbon Tetrachloride	13	U
540-84-1-----	2,2,4-Trimethylpentane	13	U
71-43-2-----	Benzene	13	U
107-06-2-----	1,2-Dichloroethane	13	U
142-82-5-----	n-Heptane	13	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-4

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705408

Sample wt/vol: 156.0 (g/mL) ML

Lab File ID: 705408

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 66.5

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	13	U
78-87-5-----	1,2-Dichloropropane	13	U
123-91-1-----	1,4-Dioxane	330	U
75-27-4-----	Bromodichloromethane	13	U
10061-01-5-----	cis-1,3-Dichloropropene	13	U
108-10-1-----	Methyl Isobutyl Ketone	33	U
108-88-3-----	Toluene	13	U
10061-02-6-----	trans-1,3-Dichloropropene	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
127-18-4-----	Tetrachloroethene	57	
591-78-6-----	Methyl Butyl Ketone	33	U
124-48-1-----	Dibromochloromethane	13	U
106-93-4-----	1,2-Dibromoethane	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
1330-20-7-----	Xylene (m,p)	33	U
95-47-6-----	Xylene (o)	13	U
1330-20-7-----	Xylene (total)	13	U
100-42-5-----	Styrene	13	U
75-25-2-----	Bromoform	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
622-96-8-----	4-Ethyltoluene	13	U
108-67-8-----	1,3,5-Trimethylbenzene	13	U
95-49-8-----	2-Chlorotoluene	13	U
95-63-6-----	1,2,4-Trimethylbenzene	13	U
541-73-1-----	1,3-Dichlorobenzene	13	U
106-46-7-----	1,4-Dichlorobenzene	13	U
95-50-1-----	1,2-Dichlorobenzene	13	U
120-82-1-----	1,2,4-Trichlorobenzene	33	U
87-68-3-----	Hexachlorobutadiene	13	U
91-20-3-----	Naphthalene	33	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-5

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705410

Sample wt/vol: 150.0 (g/mL) ML

Lab File ID: 705410

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 5.9

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

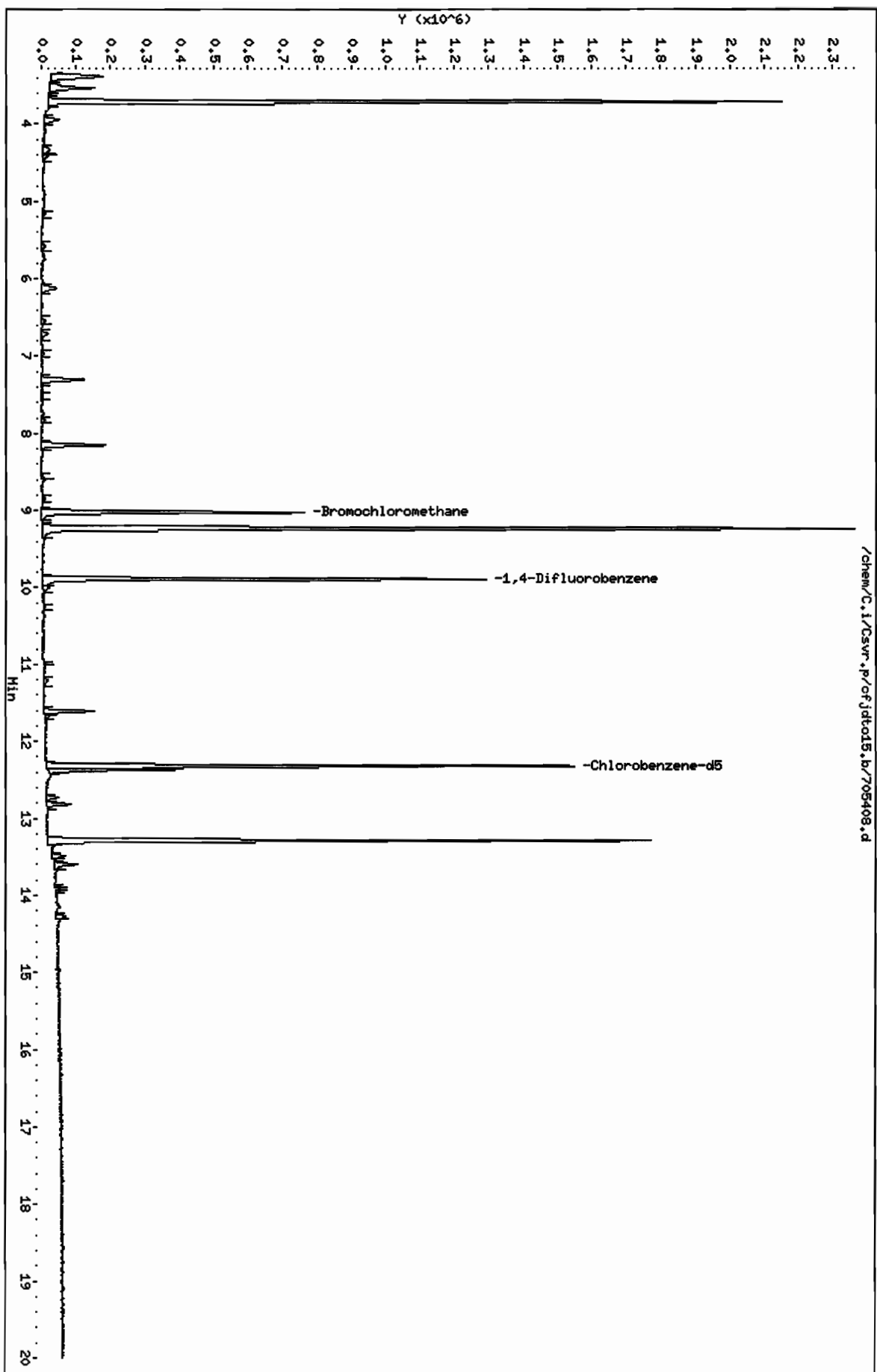
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	3.0	U
76-14-2-----	1,2-Dichlorotetrafluoroethan	1.2	U
74-87-3-----	Chloromethane	3.0	U
75-01-4-----	Vinyl Chloride	1.2	U
106-99-0-----	1,3-Butadiene	3.0	U
74-83-9-----	Bromomethane	1.2	U
75-00-3-----	Chloroethane	3.0	U
593-60-2-----	Bromoethene	1.2	U
75-69-4-----	Trichlorofluoromethane	2.6	
76-13-1-----	Freon TF	1.2	U
75-35-4-----	1,1-Dichloroethene	1.2	U
67-64-1-----	Acetone	51	
67-63-0-----	Isopropyl Alcohol	30	U
75-15-0-----	Carbon Disulfide	3.0	U
107-05-1-----	3-Chloropropene	3.0	U
75-09-2-----	Methylene Chloride	34	
75-65-0-----	tert-Butyl Alcohol	30	U
1634-04-4-----	Methyl tert-Butyl Ether	3.0	U
156-60-5-----	trans-1,2-Dichloroethene	1.2	U
110-54-3-----	n-Hexane	3.0	U
75-34-3-----	1,1-Dichloroethane	44	
540-59-0-----	1,2-Dichloroethene (total)	1.2	U
78-93-3-----	Methyl Ethyl Ketone	4.7	
156-59-2-----	cis-1,2-Dichloroethene	1.2	U
109-99-9-----	Tetrahydrofuran	30	U
67-66-3-----	Chloroform	8.4	
71-55-6-----	1,1,1-Trichloroethane	220	
110-82-7-----	Cyclohexane	11	
56-23-5-----	Carbon Tetrachloride	1.2	U
540-84-1-----	2,2,4-Trimethylpentane	1.2	U
71-43-2-----	Benzene	1.2	U
107-06-2-----	1,2-Dichloroethane	1.2	U
142-82-5-----	n-Heptane	1.2	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705408.d
Date : 18-APR-2007 22:11
Client ID: SS-4
Sample Info: SS-4 :1 103/29/07 @ (AIR)
Purge Volume: 156.0
Column phase: RTX-624

Instrument: C.i
Operator: wrd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705408.d
 Lab Smp Id: 705408 Client Smp ID: SS-4
 Inj Date : 18-APR-2007 22:11
 Operator : wrd Inst ID: C.i
 Smp Info : SS-4 :[]03/29/07 @ (AIR)
 Misc Info : 705408;041807CA;66.5;156;cdf 51.9
 Comment :
 Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
 Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 13
 Dil Factor: 66.50000
 Integrator: HP RTE Compound Sublist: T015all+N.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	66.50000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	156.00000	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						
2 1,2-Dichlorotetrafluoroethane	85						
3 Chloromethane	50						
4 Vinyl Chloride	62						
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	6.537	6.537	(0.725)	4756	0.22579	15 (QM)
12 Acetone	43						
13 Isopropyl Alcohol	45						
14 Carbon Disulfide	76						
15 3-Chloropropene	41						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
16 Methylene Chloride	49	7.306	7.306	(0.810)	95993	3.93942	260
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	Compound Not Detected.					
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	203272	4.92610	330
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	172788	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
27 Chloroform	83	Compound Not Detected.					
28 1,1,1-Trichloroethane	97	9.227	9.227	(0.934)	1729691	20.3950	1400
29 Cyclohexane	84	9.227	9.232	(0.934)	36698	0.92834	62 (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	Compound Not Detected.					
* 35 1,4-Difluorobenzene	114	9.883	9.883	(1.000)	918682	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	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	11.613	11.607	(0.943)	32671	0.85205	57 (Q)
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	851925	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.					
M 55 Xylene (total)	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.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
-----	----	--	-----	-----	-----	-----	-----
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.		
68 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Rel 19 Apr 07

Date: 18-APR-2007 22:11

Client ID: SS-4

Instrument: C.i

Sample Info: SS-4 :[103/29/07 @ (AIR)

Purge Volume: 156.0

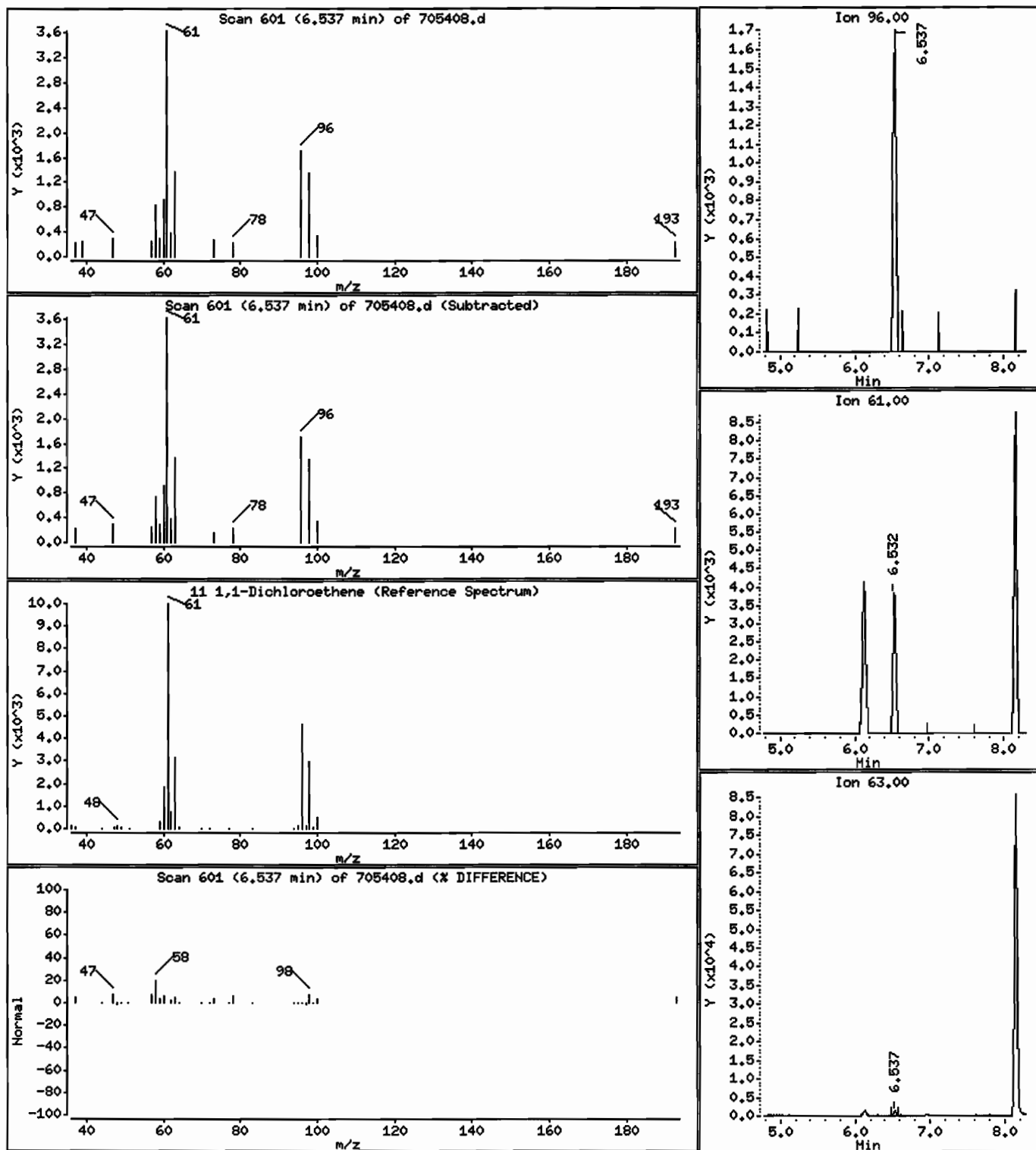
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

11 1,1-Dichloroethene

Concentration: 15 ppbv



Date: 18-APR-2007 22:11

Client ID: SS-4

Instrument: C.i

Sample Info: SS-4 :[103/29/07 @ (AIR)

Purge Volume: 156.0

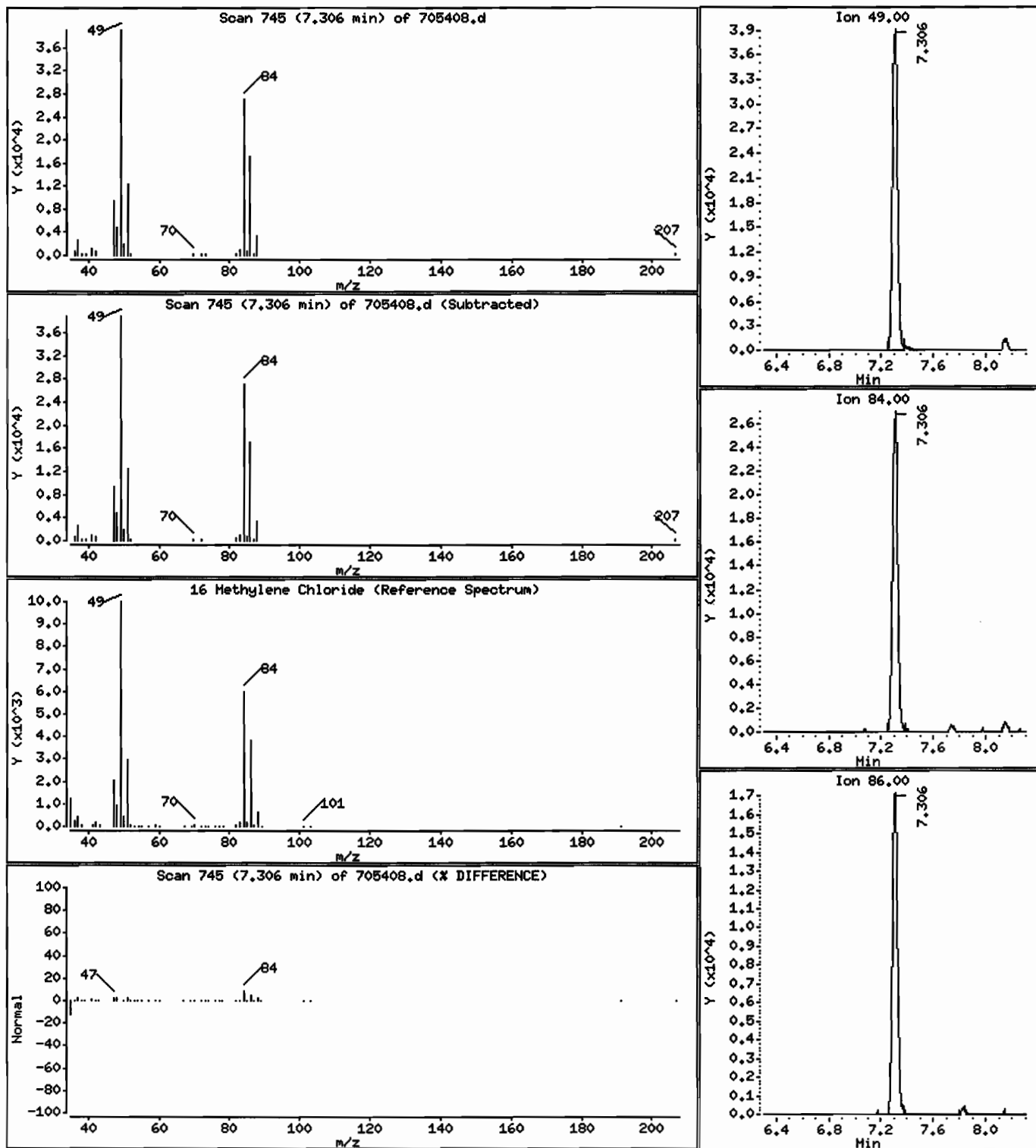
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 260 ppbv



Date: 18-APR-2007 22:11

Client ID: SS-4

Instrument: C.i

Sample Info: SS-4 [103/29/07 @ (AIR)]

Purge Volume: 156.0

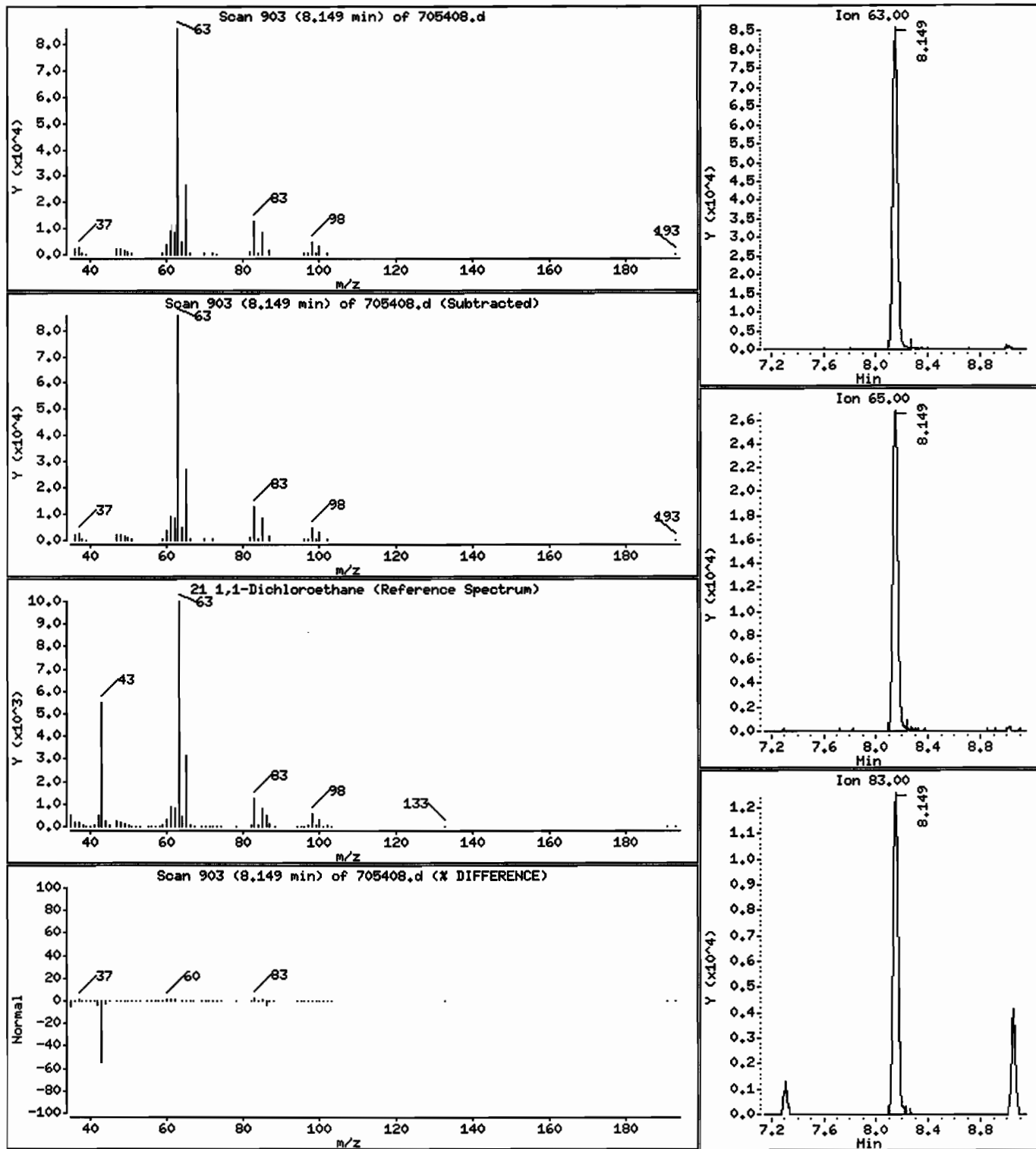
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

21 1,1-Dichloroethane

Concentration: 330 ppbv



Date : 18-APR-2007 22:11

Client ID: SS-4

Instrument: C.i

Sample Info: SS-4 :[103/29/07 @ (AIR)

Purge Volume: 156.0

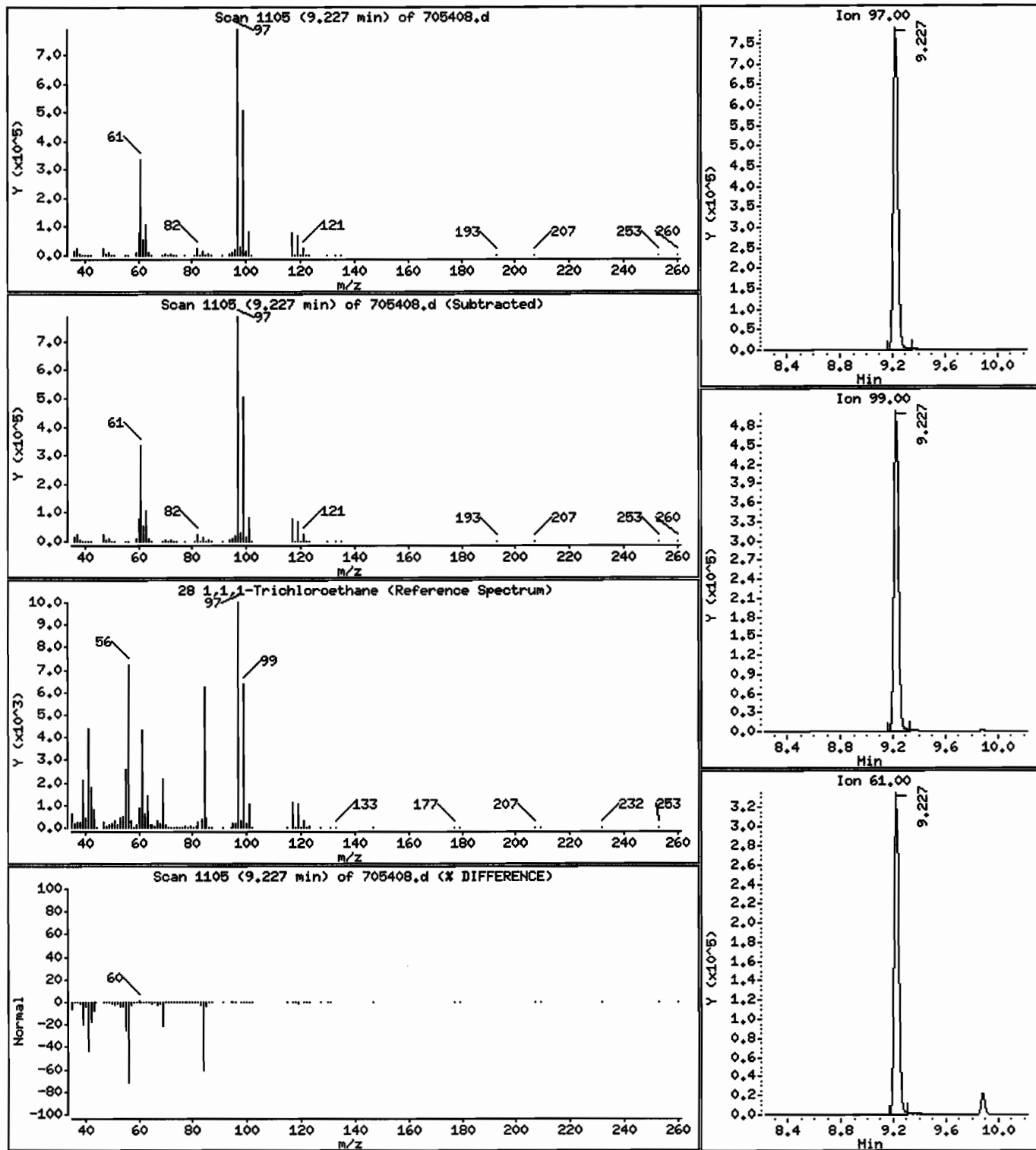
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

28 1,1,1-Trichloroethane

Concentration: 1400 ppbv



Date : 18-APR-2007 22:11

Client ID: SS-4

Instrument: C.i

Sample Info: SS-4 ;[103/29/07 @ (AIR)

Purge Volume: 156.0

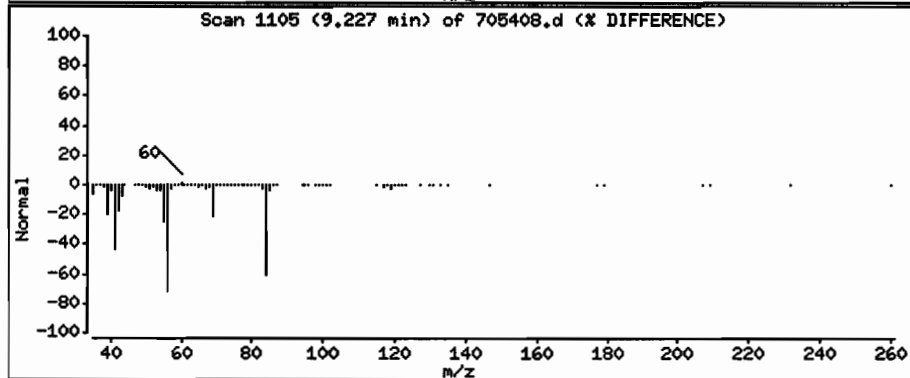
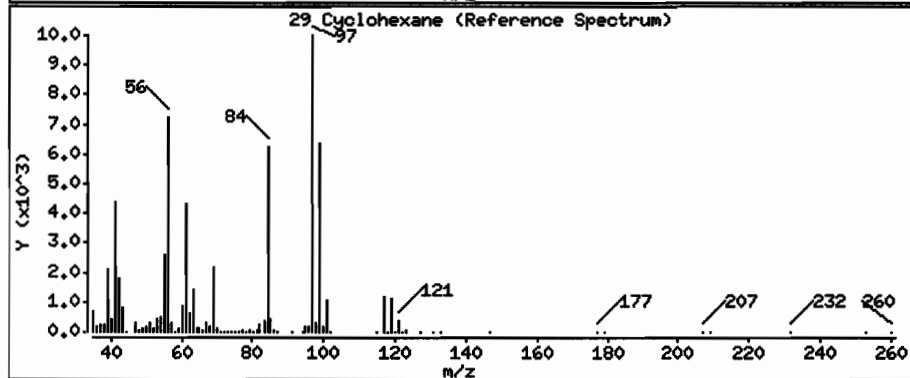
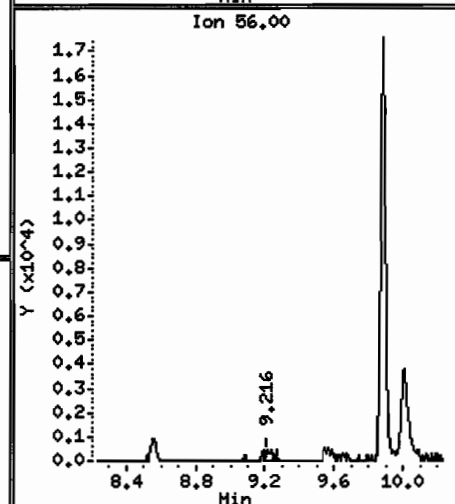
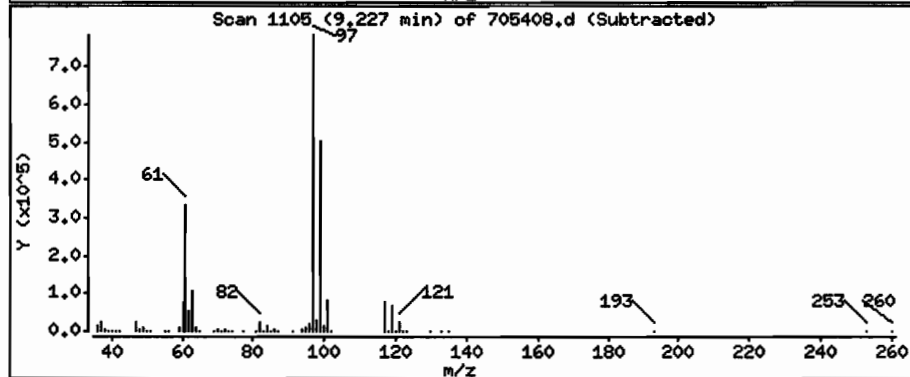
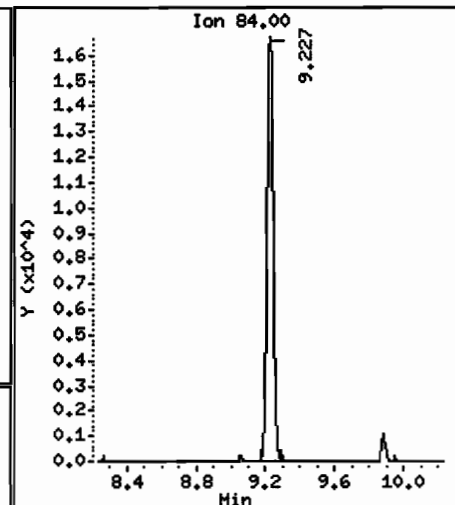
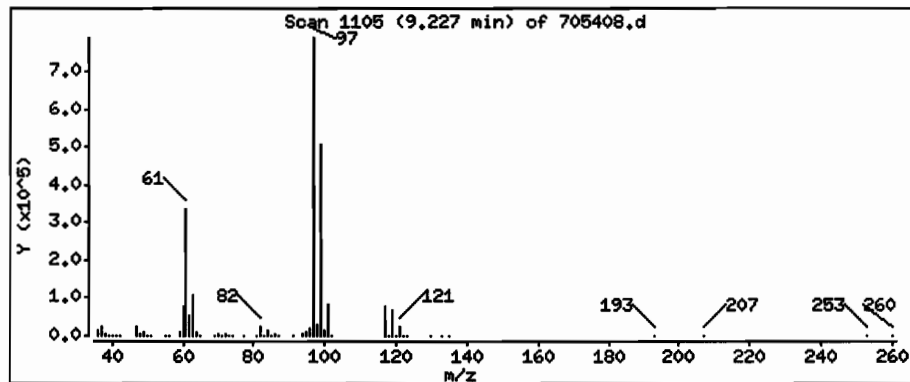
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

29 Cyclohexane

Concentration: 62 ppbv



Date : 18-APR-2007 22:11

Client ID: SS-4

Instrument: C.i

Sample Info: SS-4 :[103/29/07 @ (AIR)

Purge Volume: 156.0

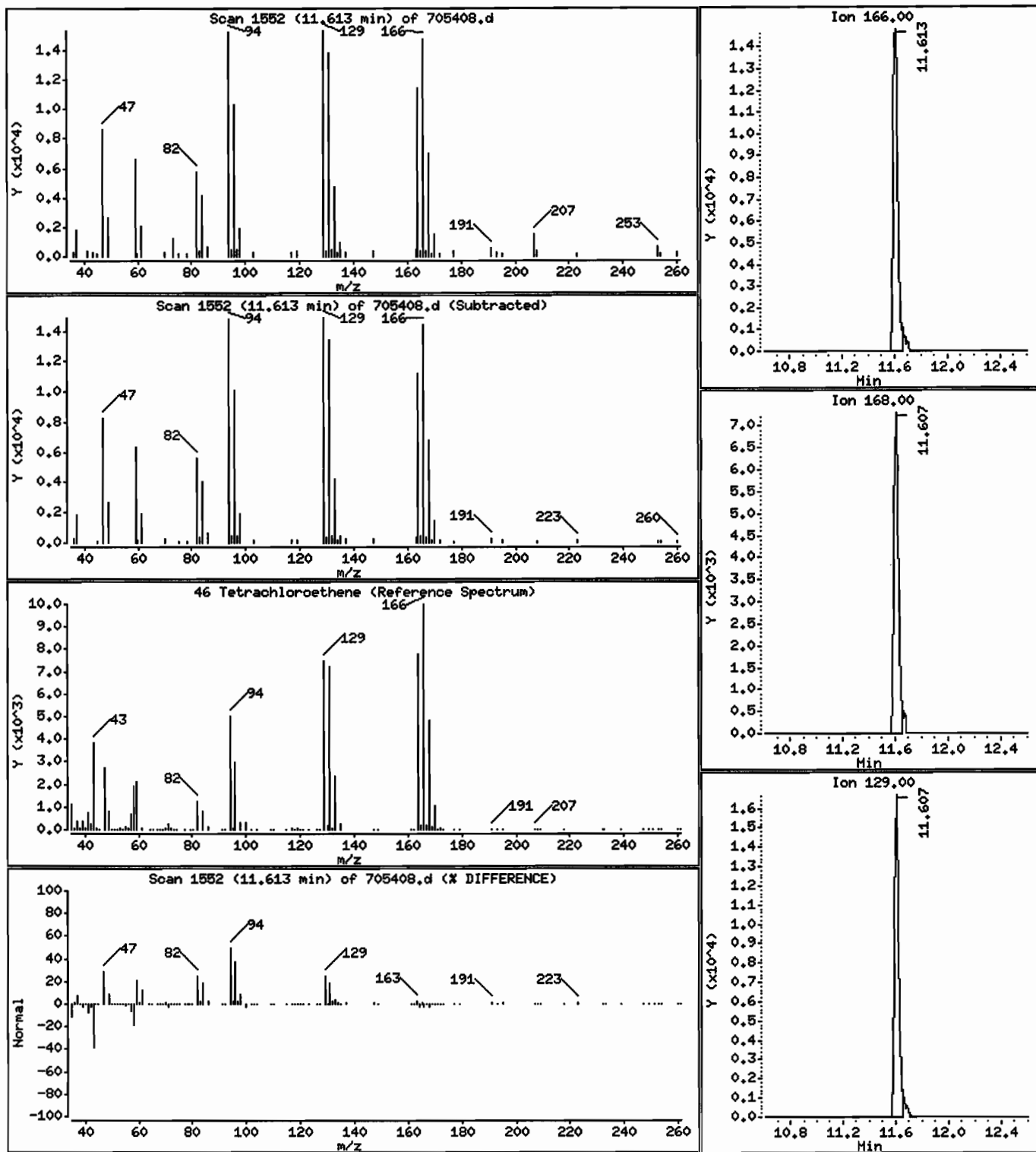
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 57 ppbv

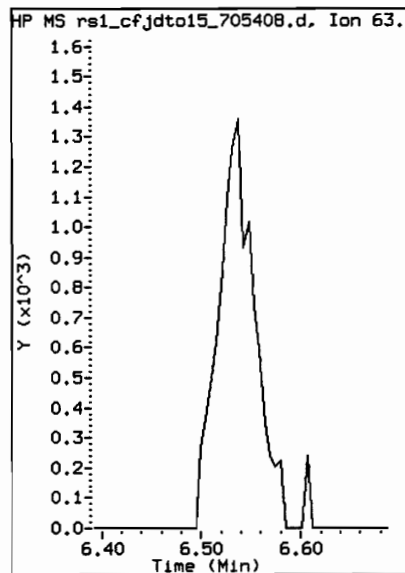
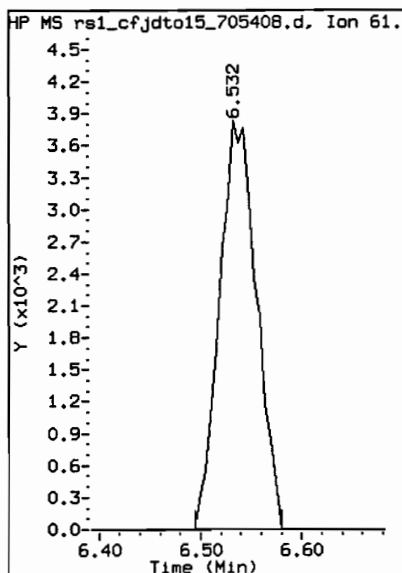
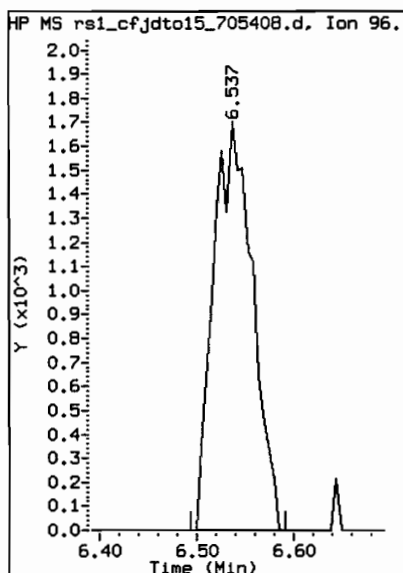


MANUAL INTEGRATION REPORT

Data File Name: 705408.d
 Client Sample ID: SS-4
 Compound Name: 1,1-Dichloroethene

Inj. Date and Time: 18-APR-2007 22:11
 Instrument ID: C.i
 CAS #: 75-35-4

Target Version: Target 3.50
 Report Version: 1.1
 Report Date: 04/19/2007 14:38

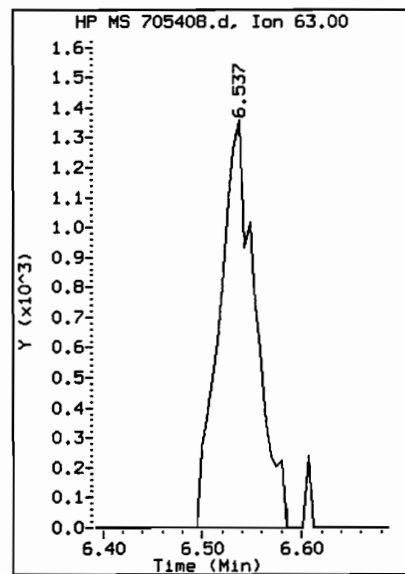
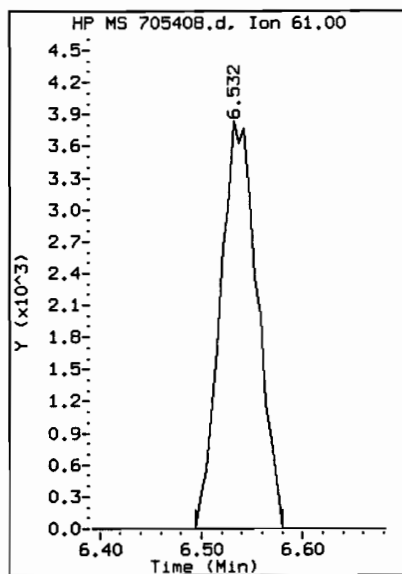
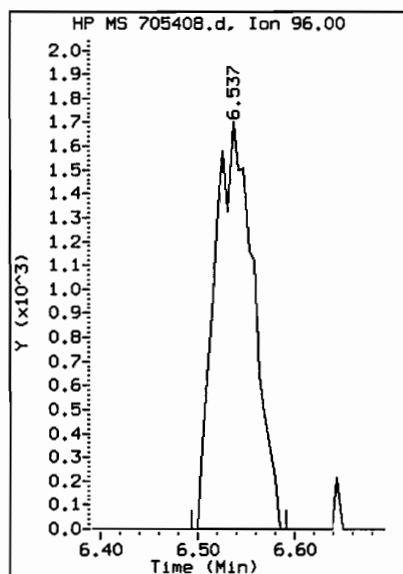


Original Integrations:

Area = 4756

Area = 9786

Area = 4101



Final Integrations:

Area = 4756

Area = 9786

Area = 3399

Manual Integration Reason: M3 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

SS-5

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705410

Sample wt/vol: 150.0 (g/mL) ML

Lab File ID: 705410

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 5.9

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	4.4	
78-87-5-----	1,2-Dichloropropane	1.2	U
123-91-1-----	1,4-Dioxane	30	U
75-27-4-----	Bromodichloromethane	1.2	U
10061-01-5-----	cis-1,3-Dichloropropene	1.2	U
108-10-1-----	Methyl Isobutyl Ketone	33	
108-88-3-----	Toluene	1.9	
10061-02-6-----	trans-1,3-Dichloropropene	1.2	U
79-00-5-----	1,1,2-Trichloroethane	1.2	U
127-18-4-----	Tetrachloroethene	220	
591-78-6-----	Methyl Butyl Ketone	230	
124-48-1-----	Dibromochloromethane	1.2	U
106-93-4-----	1,2-Dibromoethane	1.2	U
108-90-7-----	Chlorobenzene	1.2	U
100-41-4-----	Ethylbenzene	1.2	U
1330-20-7-----	Xylene (m,p)	3.0	U
95-47-6-----	Xylene (o)	1.2	U
1330-20-7-----	Xylene (total)	1.2	U
100-42-5-----	Styrene	1.2	U
75-25-2-----	Bromoform	1.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.2	U
622-96-8-----	4-Ethyltoluene	1.2	U
108-67-8-----	1,3,5-Trimethylbenzene	1.2	U
95-49-8-----	2-Chlorotoluene	1.2	U
95-63-6-----	1,2,4-Trimethylbenzene	1.2	U
541-73-1-----	1,3-Dichlorobenzene	1.2	U
106-46-7-----	1,4-Dichlorobenzene	1.2	U
95-50-1-----	1,2-Dichlorobenzene	1.2	U
120-82-1-----	1,2,4-Trichlorobenzene	3.0	U
87-68-3-----	Hexachlorobutadiene	1.2	U
91-20-3-----	Naphthalene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

UW-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705412

Sample wt/vol: 250.0 (g/mL) ML

Lab File ID: 705412

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 0.8

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

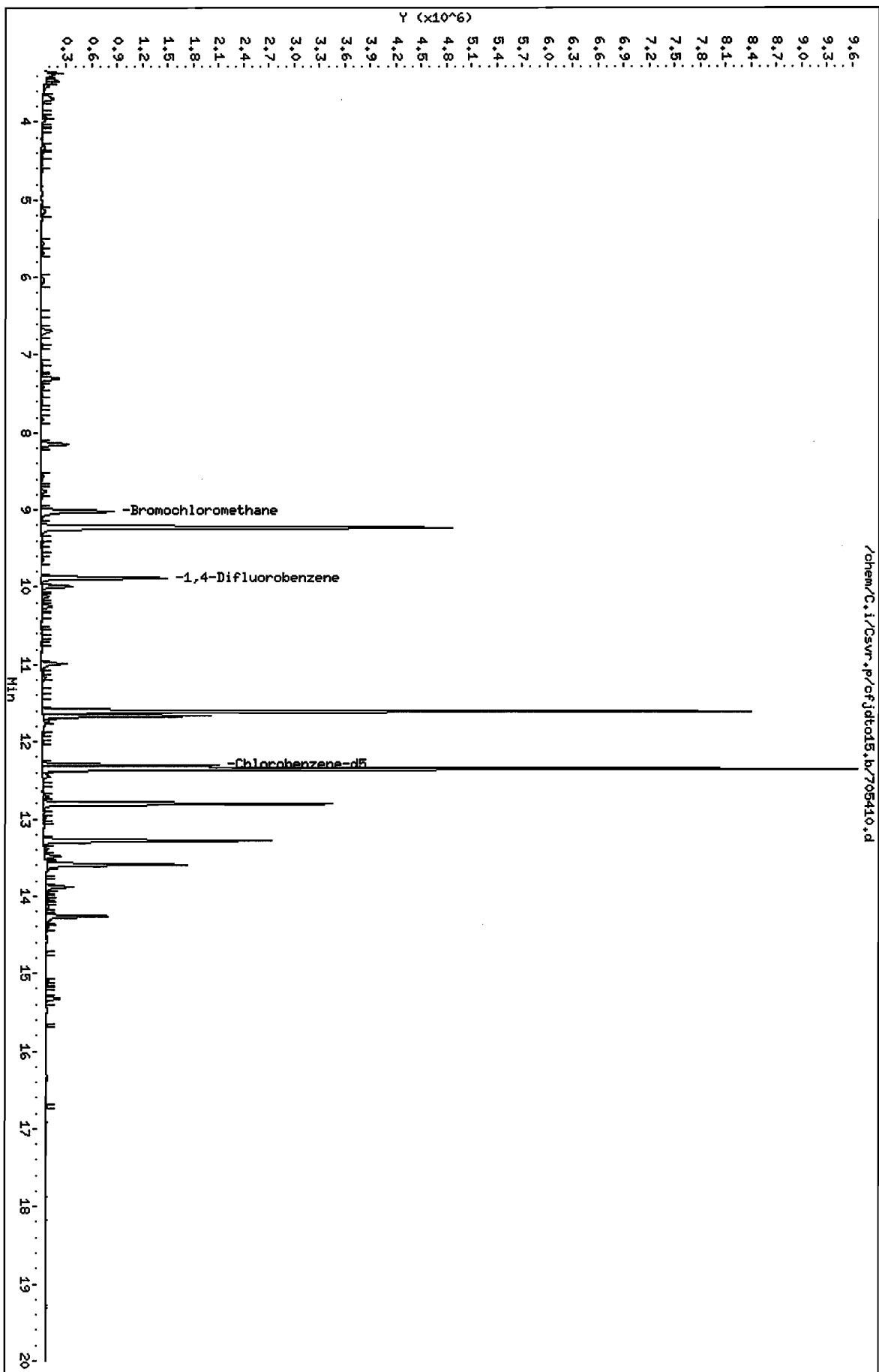
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

75-71-8-----	Dichlorodifluoromethane	0.61	
76-14-2-----	1,2-Dichlorotetrafluoroethane	0.16	U
74-87-3-----	Chloromethane	0.52	
75-01-4-----	Vinyl Chloride	0.16	U
106-99-0-----	1,3-Butadiene	0.40	U
74-83-9-----	Bromomethane	0.16	U
75-00-3-----	Chloroethane	0.40	U
593-60-2-----	Bromoethene	0.16	U
75-69-4-----	Trichlorofluoromethane	0.24	
76-13-1-----	Freon TF	0.16	U
75-35-4-----	1,1-Dichloroethene	0.16	U
67-64-1-----	Acetone	4.0	U
67-63-0-----	Isopropyl Alcohol	4.0	U
75-15-0-----	Carbon Disulfide	0.40	U
107-05-1-----	3-Chloropropene	0.40	U
75-09-2-----	Methylene Chloride	0.59	
75-65-0-----	tert-Butyl Alcohol	4.0	U
1634-04-4-----	Methyl tert-Butyl Ether	0.40	U
156-60-5-----	trans-1,2-Dichloroethene	0.16	U
110-54-3-----	n-Hexane	0.40	U
75-34-3-----	1,1-Dichloroethane	0.16	U
540-59-0-----	1,2-Dichloroethene (total)	0.16	U
78-93-3-----	Methyl Ethyl Ketone	0.40	U
156-59-2-----	cis-1,2-Dichloroethene	0.16	U
109-99-9-----	Tetrahydrofuran	4.0	U
67-66-3-----	Chloroform	0.16	U
71-55-6-----	1,1,1-Trichloroethane	0.16	U
110-82-7-----	Cyclohexane	0.16	U
56-23-5-----	Carbon Tetrachloride	0.16	U
540-84-1-----	2,2,4-Trimethylpentane	0.16	U
71-43-2-----	Benzene	0.16	U
107-06-2-----	1,2-Dichloroethane	0.16	U
142-82-5-----	n-Heptane	0.16	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705410.d
Date : 18-APR-2007 23:38
Client ID: SS-5
Sample Info: SS-5 : I 103/29/07 @ (AIR)
Purge Volume: 150.0
Column phase: RTX-624

Instrument: C.i
Operator: urd
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjdto15.b/705410.d
 Report Date: 19-Apr-2007 14:39

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705410.d
 Lab Smp Id: 705410 Client Smp ID: SS-5
 Inj Date : 18-APR-2007 23:38
 Operator : wrd Inst ID: C.i
 Smp Info : SS-5 :[]03/29/07 @ (AIR)
 Misc Info : 705410;041807CA;5.93;150;cdf 4.45
 Comment :
 Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
 Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 15
 Dil Factor: 5.93000
 Integrator: HP RTE Compound Sublist: TO15all+N.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	5.93000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	150.00000	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						
5 1,3-Butadiene	54						
6 Bromomethane	94						
7 Chloroethane	64						
8 Bromoethene	106						
9 Trichlorofluoromethane	101	5.561	5.561	(0.617)	46656	0.43952	2.6
10 Freon TF	101						
11 1,1-Dichloroethene	96						
12 Acetone	43	6.687	6.687	(0.742)	254489	8.54425	51
13 Isopropyl Alcohol	45						
14 Carbon Disulfide	76						
15 3-Chloropropene	41						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	----	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.300	7.306	(0.810)	158325	5.81638	34
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	Compound Not Detected.					
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	344821	7.48050	44
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	8.768	8.763	(0.973)	7696	0.79189	4.7 (Q)
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.013	9.019	(1.000)	193020	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
27 Chloroform	83	9.051	9.051	(1.004)	92522	1.42352	8.4
28 1,1,1-Trichloroethane	97	9.227	9.227	(0.934)	3524858	36.6979	220
29 Cyclohexane	84	9.227	9.232	(0.934)	80745	1.80353	11 (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	9.654	9.649	(0.977)	9427	0.20855	1.2
* 35 1,4-Difluorobenzene	114	9.878	9.883	(1.000)	1040450	10.0000	
36 Trichloroethene	95	10.118	10.118	(1.024)	31249	0.74105	4.4 (Q)
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	231283	5.48465	33
43 Toluene	92	11.170	11.164	(0.908)	18333	0.31599	1.9
44 trans-1,3-Dichloropropene	75	Compound Not Detected.					
45 1,1,2-Trichloroethane	83	Compound Not Detected.					
46 Tetrachloroethene	166	11.602	11.607	(0.943)	1786797	36.2869	220
47 Methyl Butyl Ketone	43	11.661	11.639	(0.948)	1509316	38.4518	230 (Q)
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)	1094030	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.					
M 55 Xylene (total)	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.					

Compounds	QUANT SIG MASS				RESPONSE	CONCENTRATIONS	
		RT	EXP RT	REL RT		ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
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.		
68 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :I 103/29/07 @ (AIR)

Purge Volume: 150.0

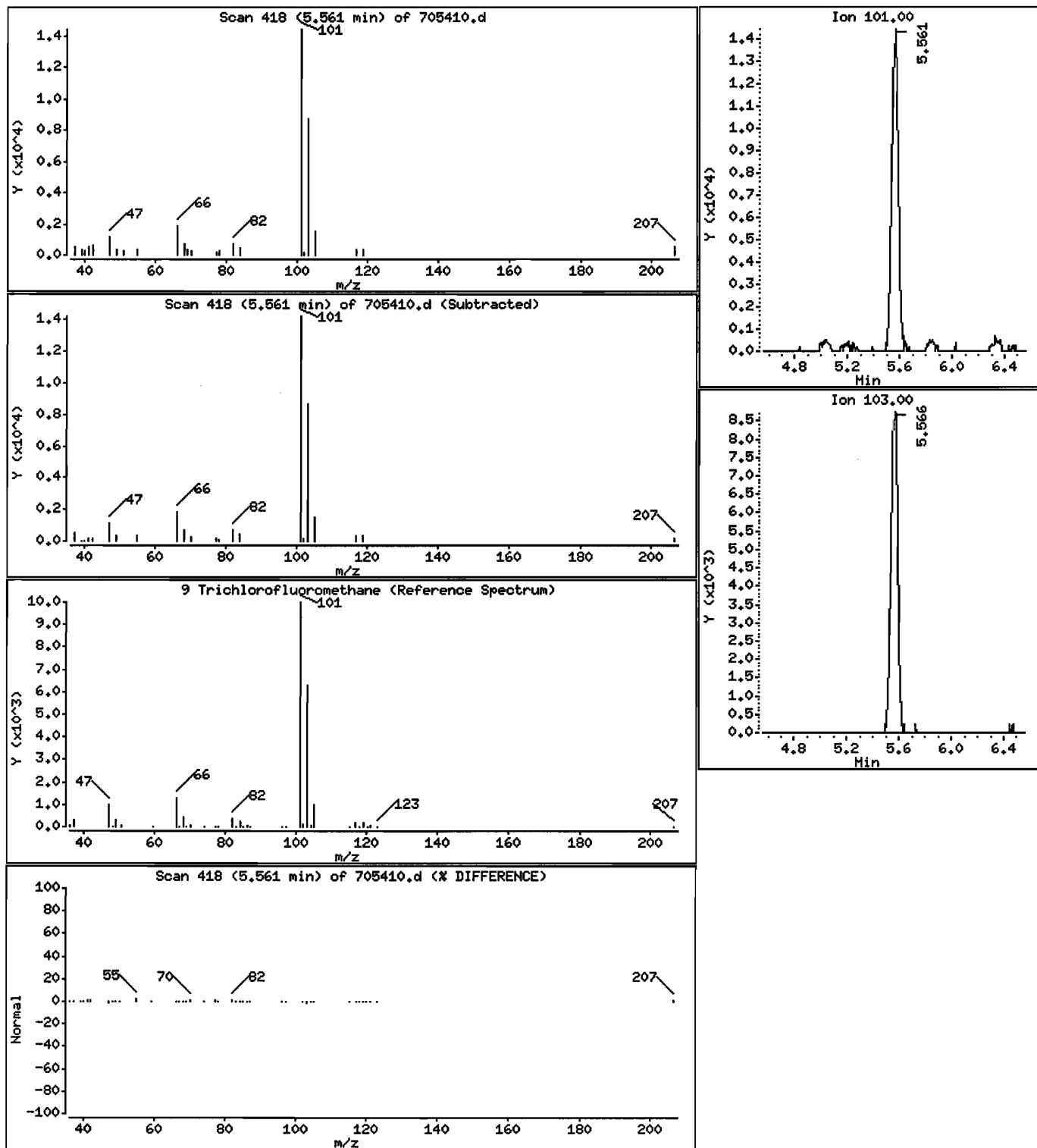
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

9 Trichlorofluoromethane

Concentration: 2.6 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :I 103/29/07 @ (AIR)

Purge Volume: 150.0

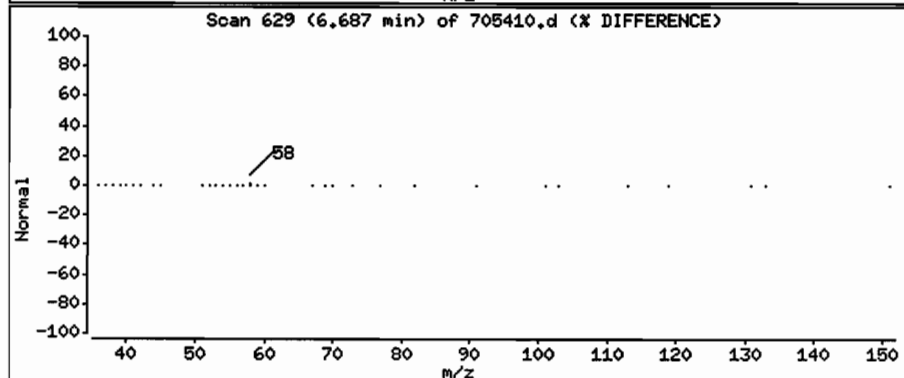
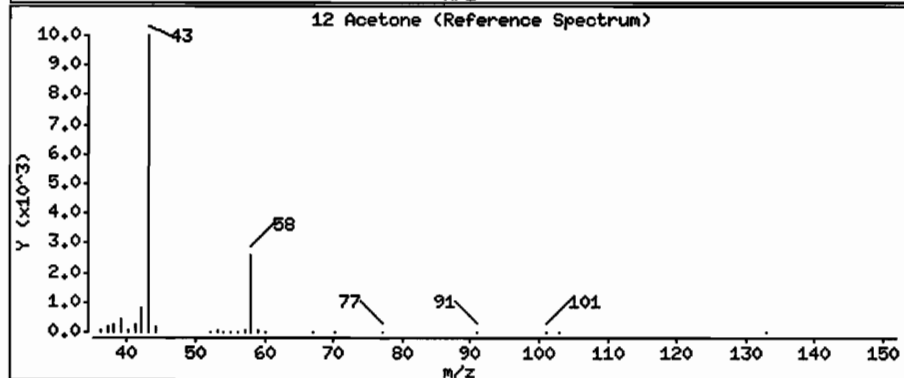
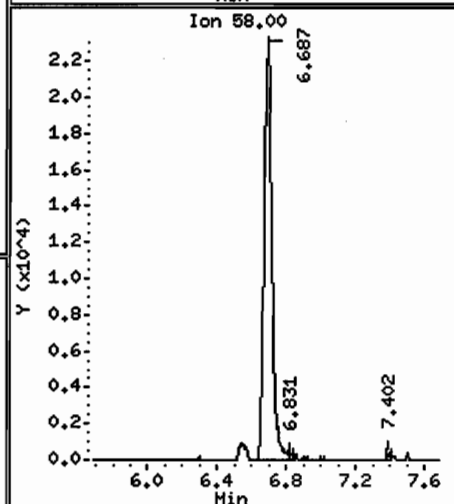
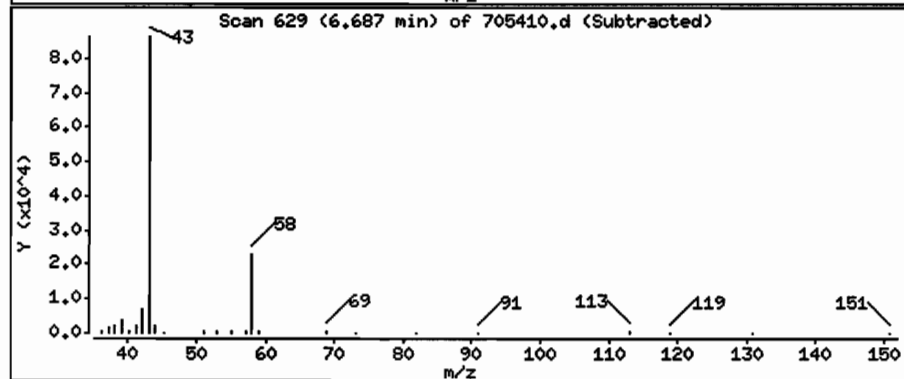
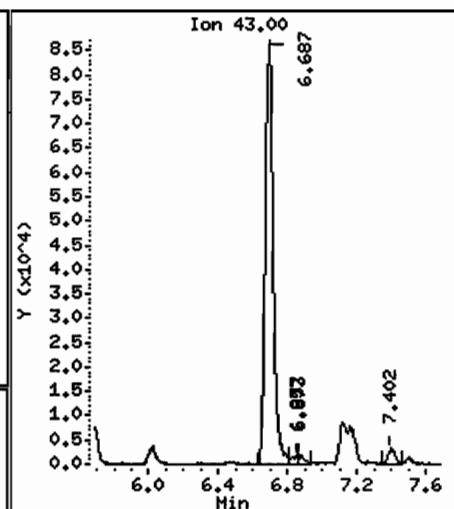
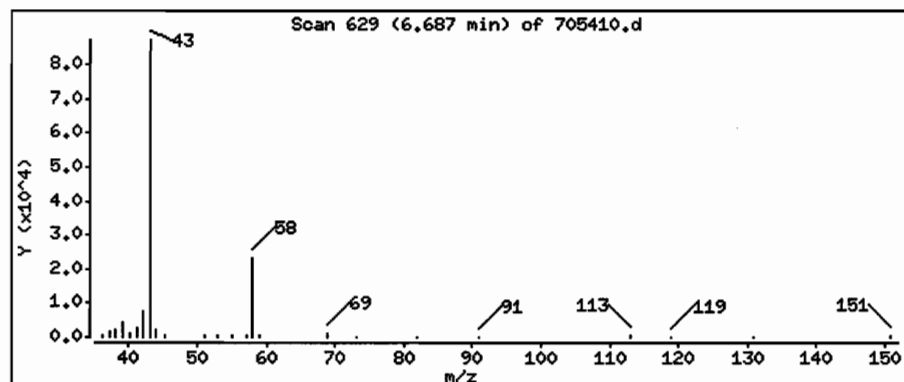
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

12 Acetone

Concentration: 51 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :I 103/29/07 @ (AIR)

Purge Volume: 150.0

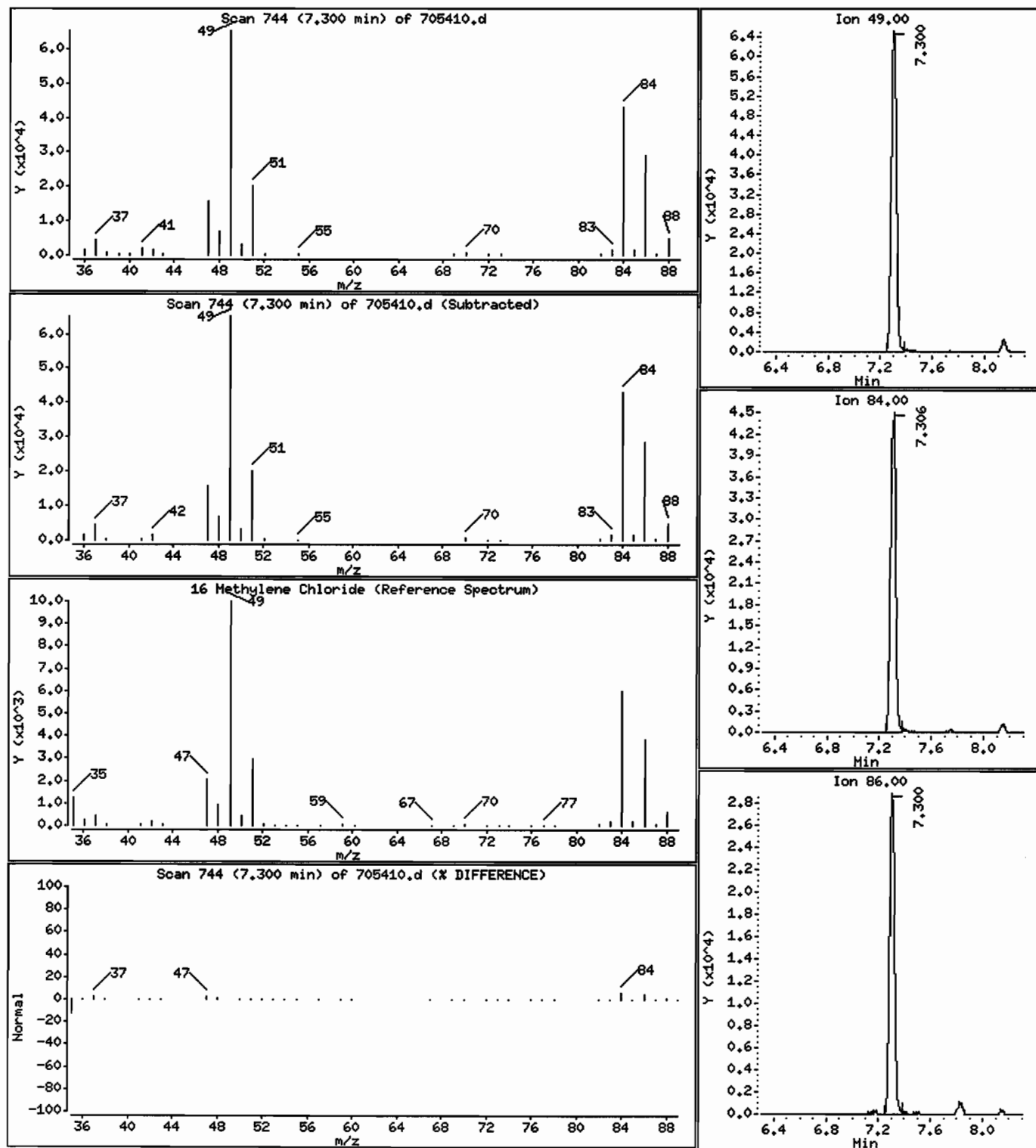
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 34 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

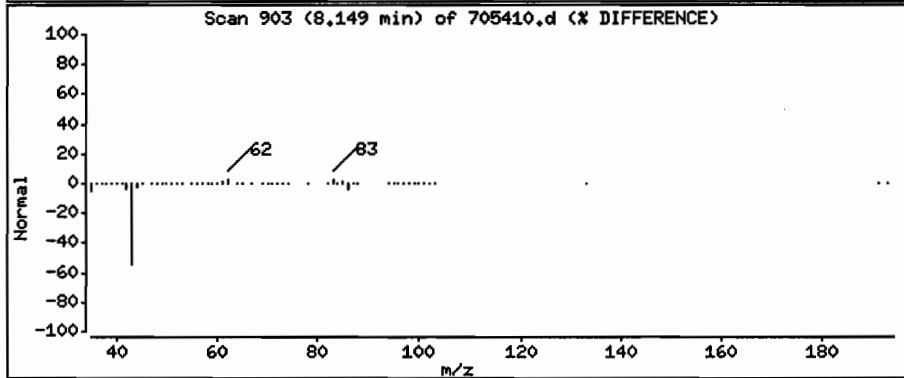
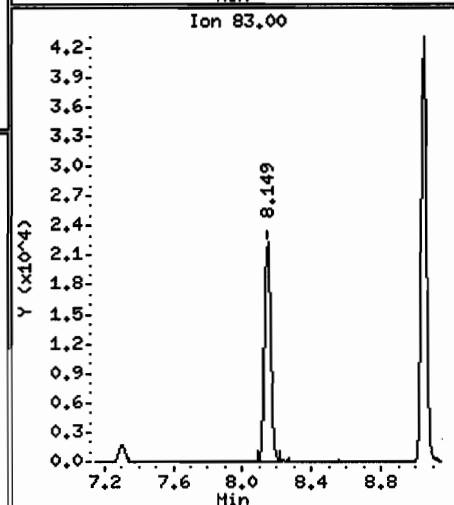
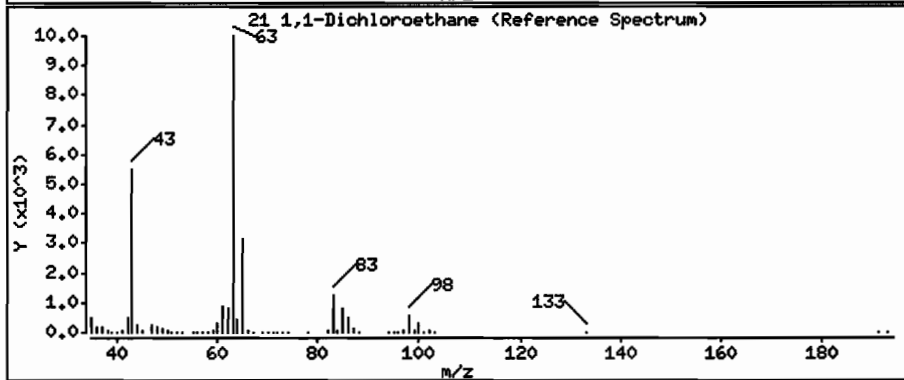
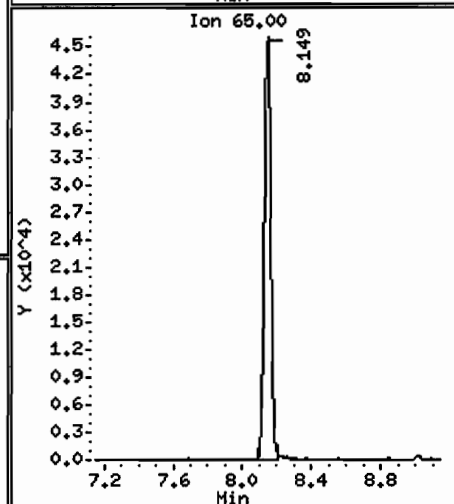
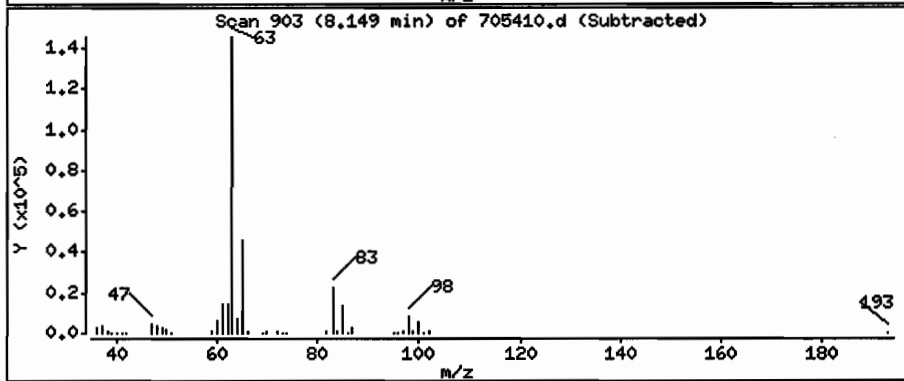
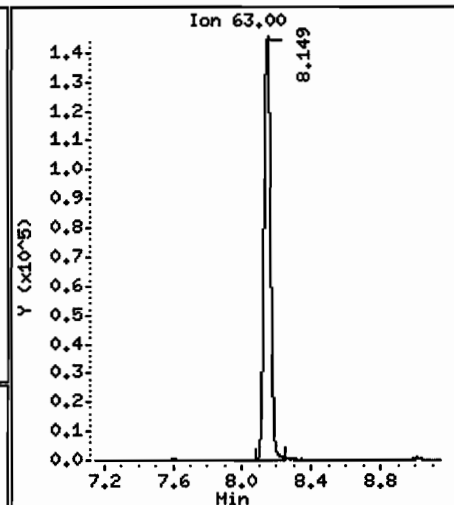
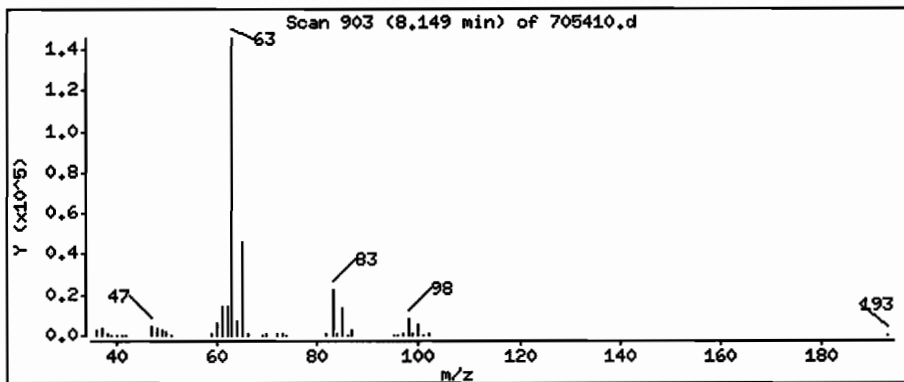
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

21 1,1-Dichloroethane

Concentration: 44 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

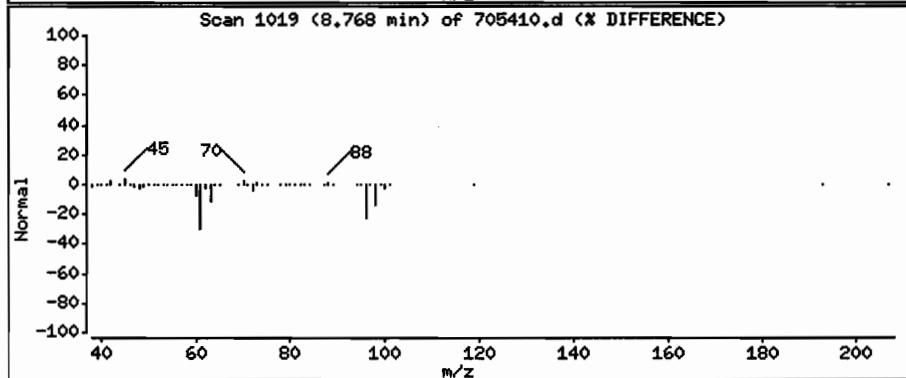
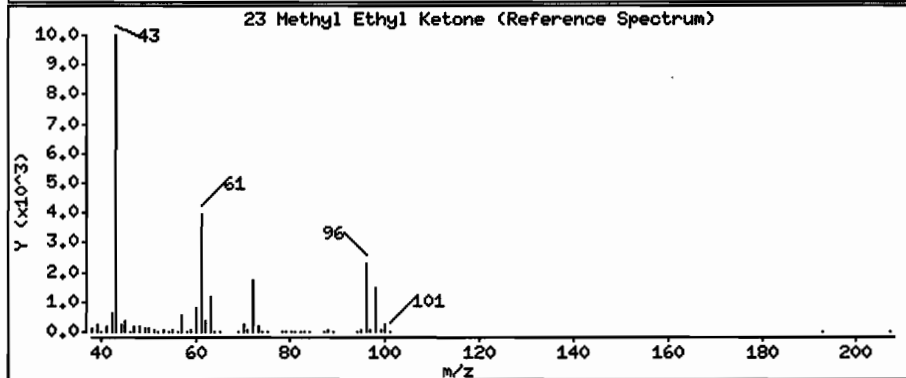
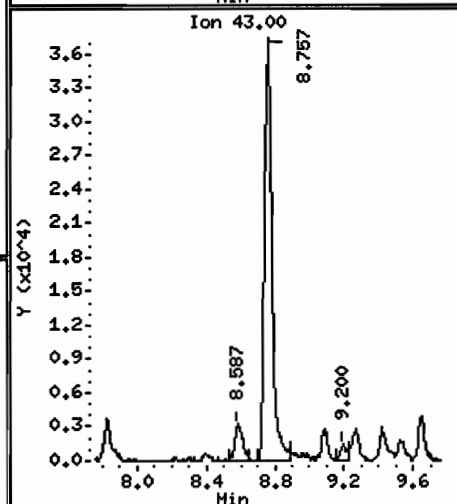
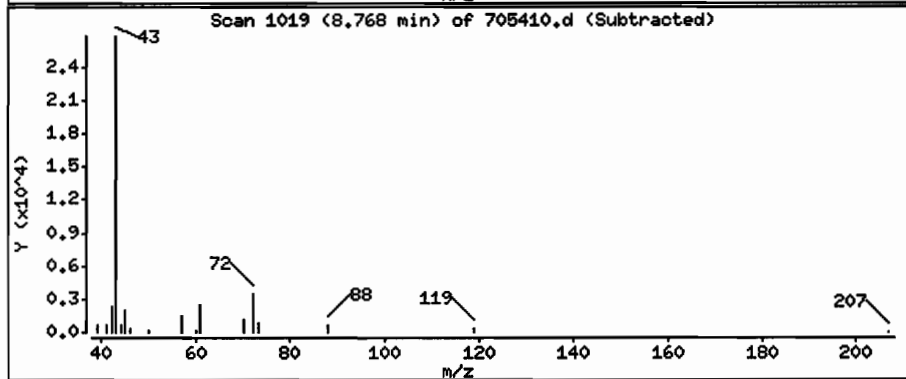
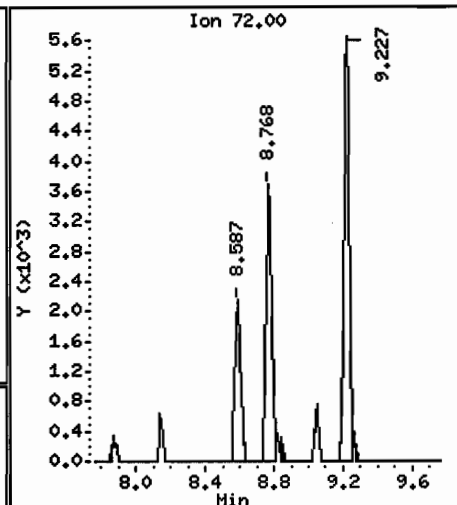
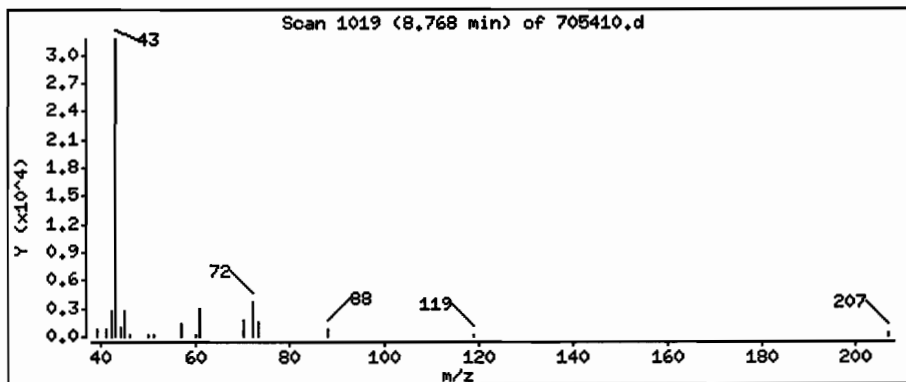
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

23 Methyl Ethyl Ketone

Concentration: 4.7 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

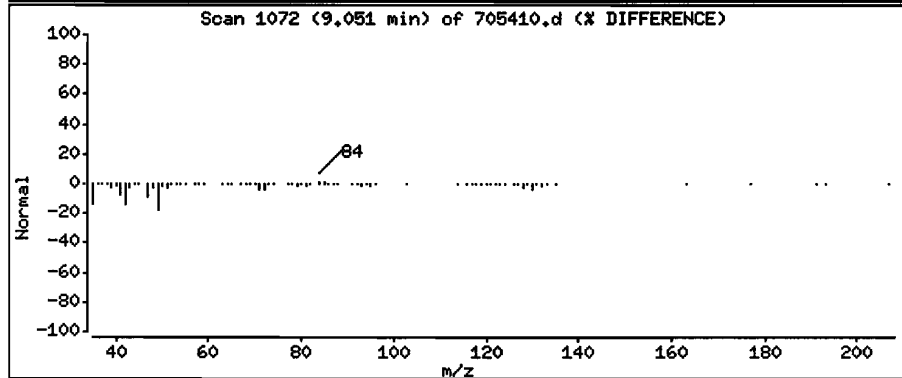
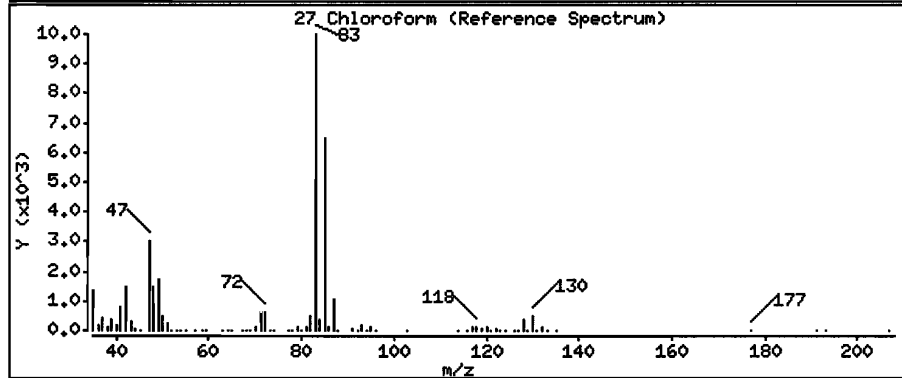
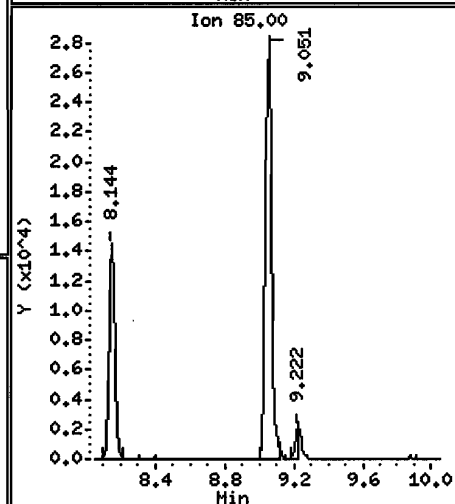
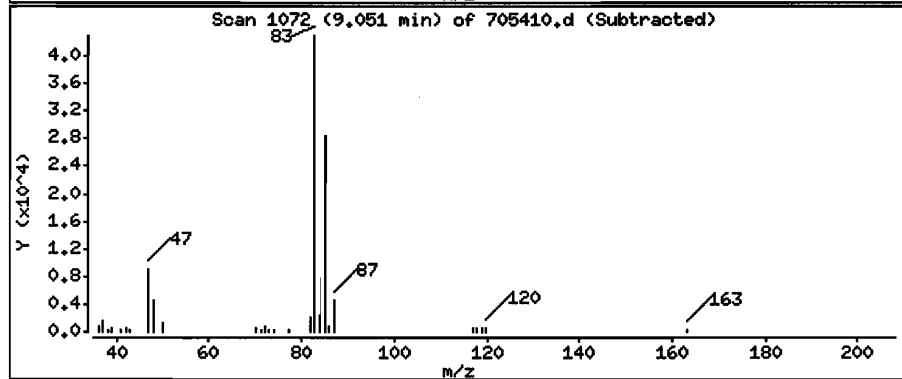
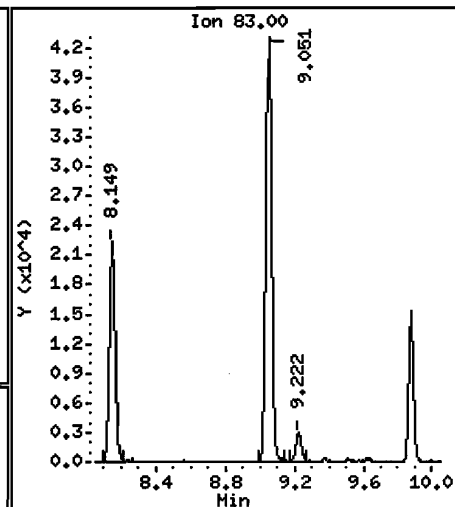
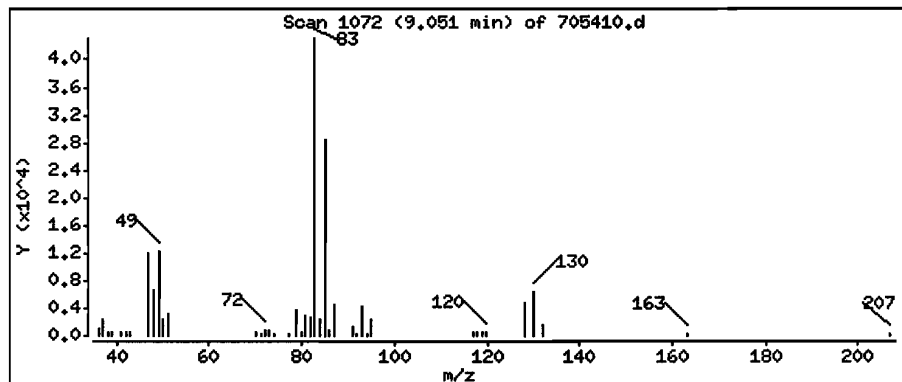
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

27 Chloroform

Concentration: 8.4 ppbv



Data File: /chem/C.i/Csvr,p/cfjdto15,b/705410.d

Page 11

Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

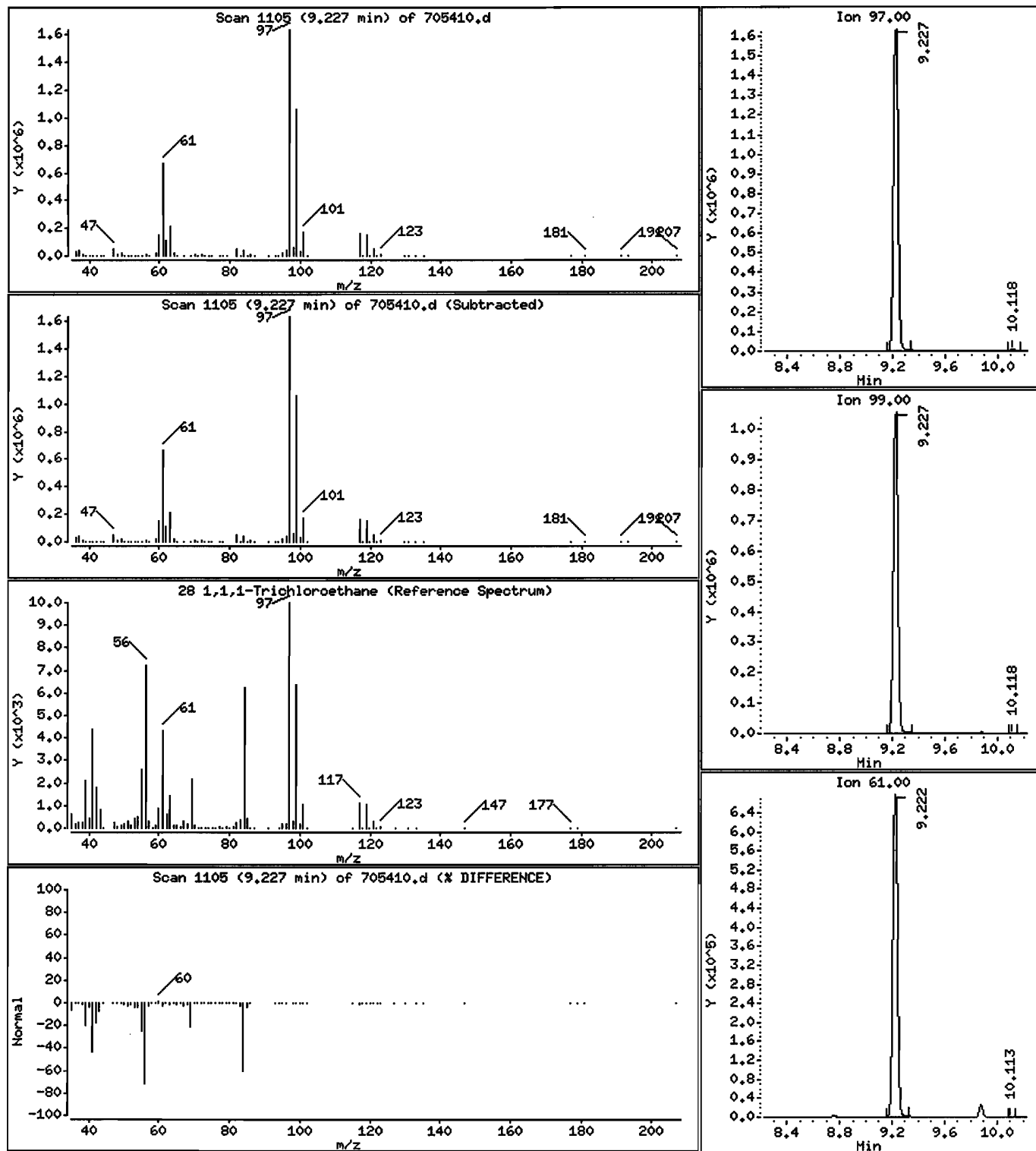
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

28 1,1,1-Trichloroethane

Concentration: 220 ppbv



Data File: /chem/C.i/Csvr.p/cfjdt015.b/705410.d

Page 12

Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

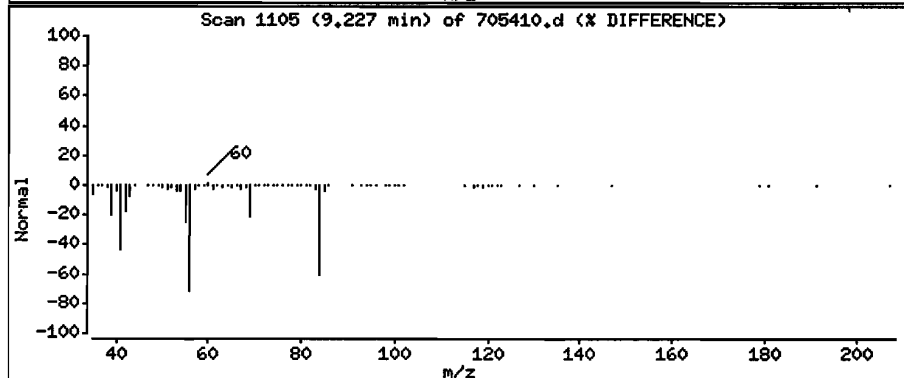
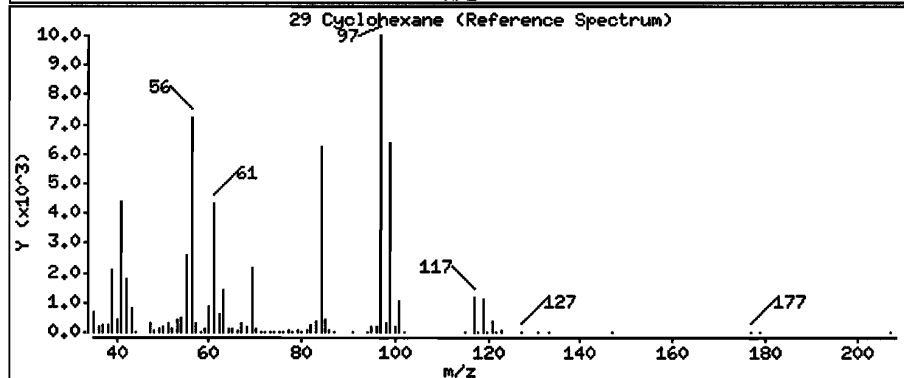
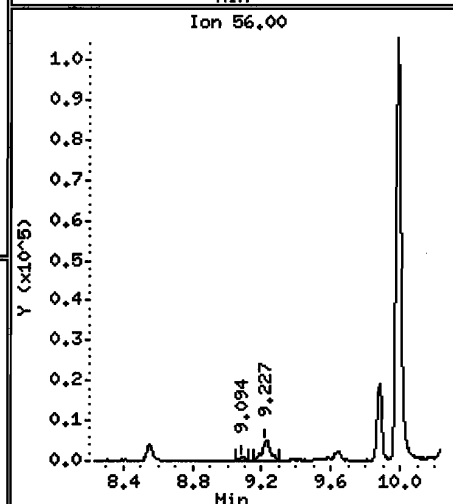
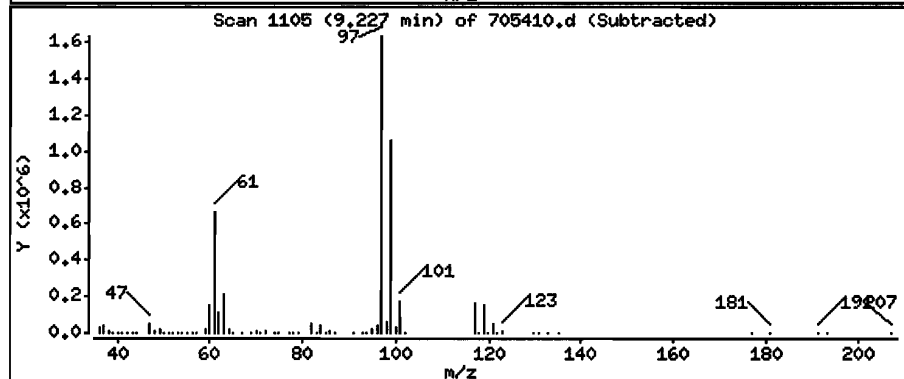
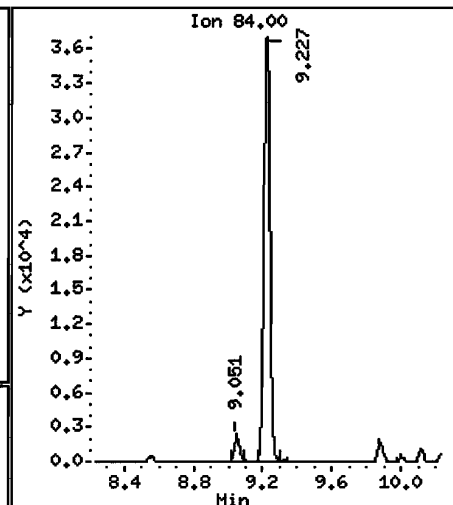
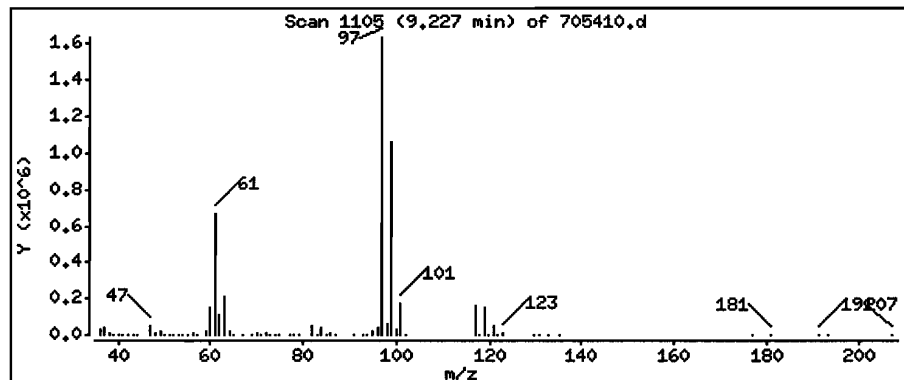
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

29 Cyclohexane

Concentration: 11 ppbv



Date: 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 ; I 103/29/07 @ (AIR)

Purge Volume: 150.0

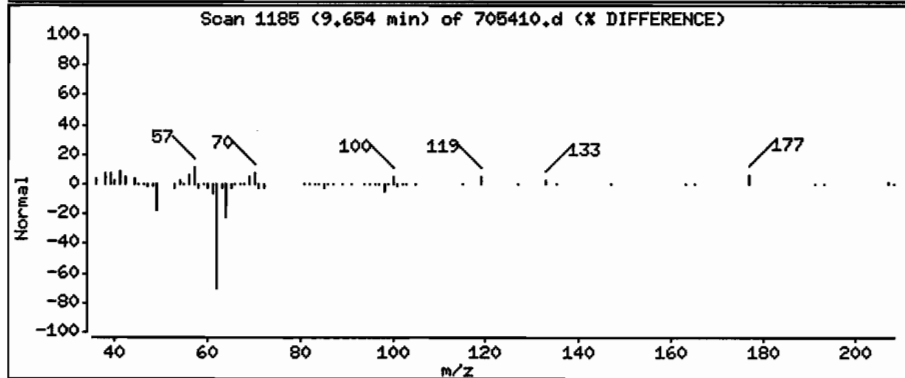
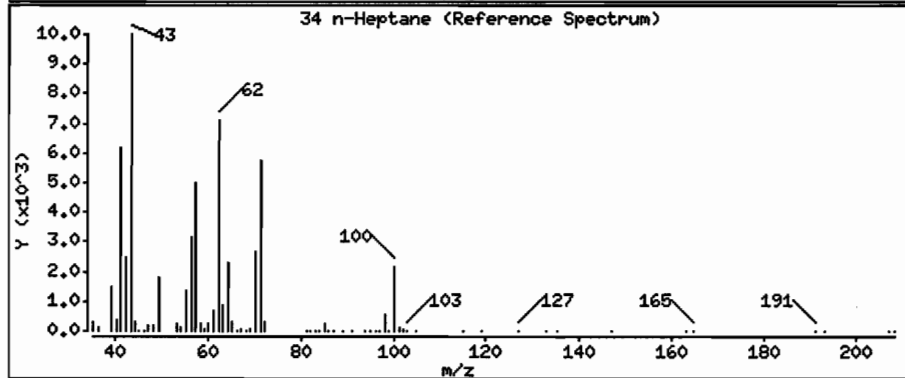
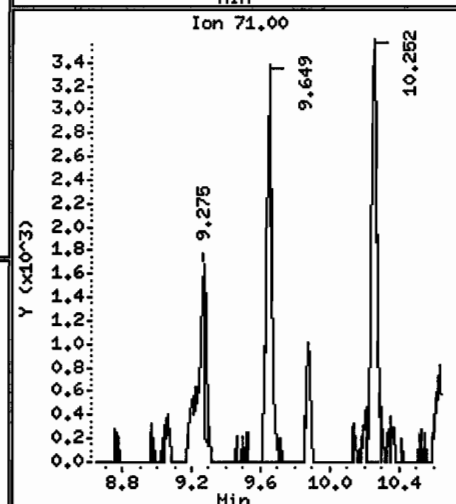
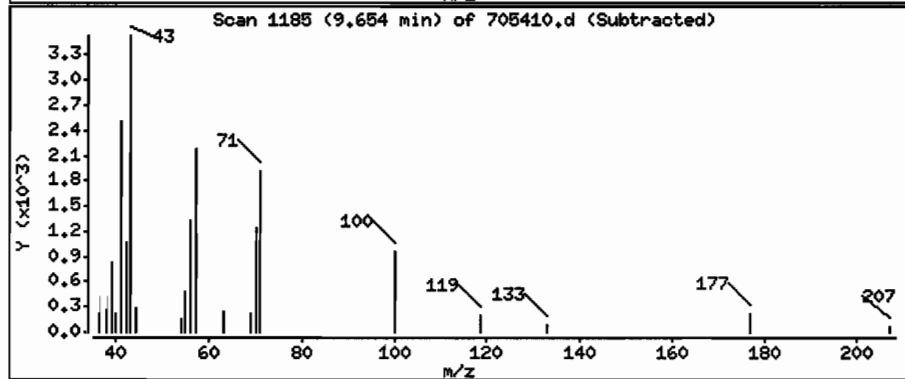
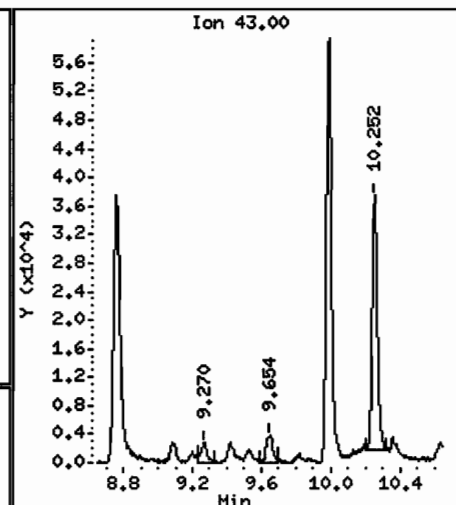
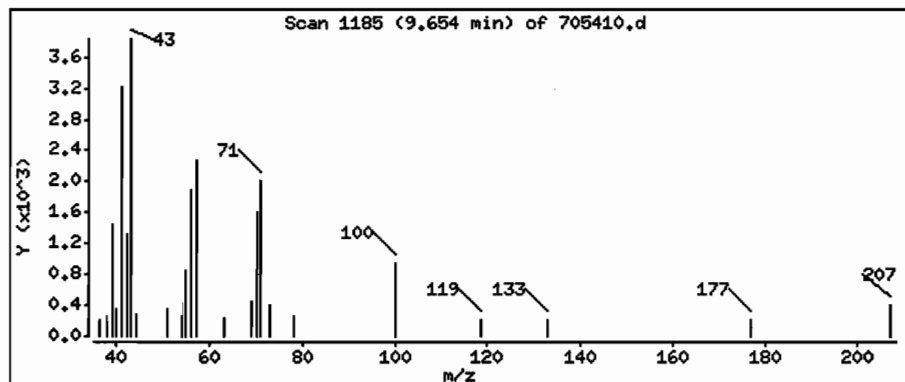
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

34 n-Heptane

Concentration: 1.2 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 ;[103/29/07 @ (AIR)

Purge Volume: 150.0

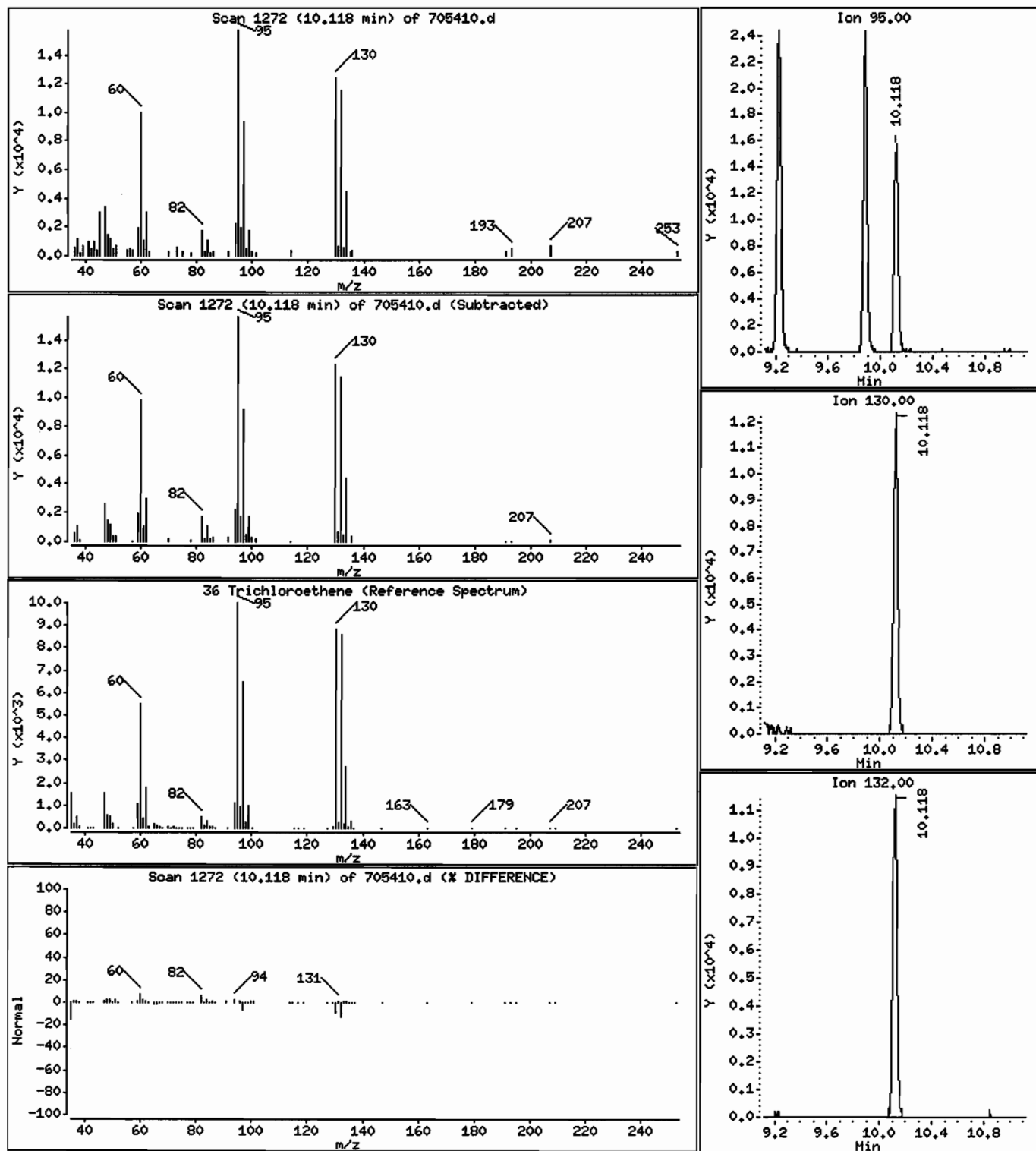
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

36 Trichloroethene

Concentration: 4.4 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

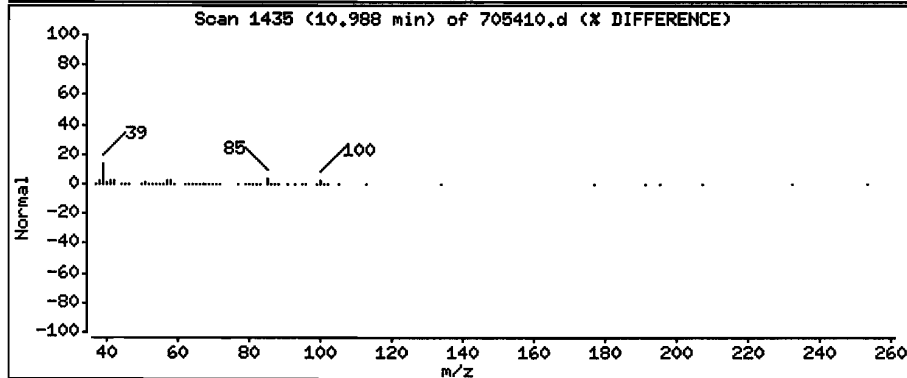
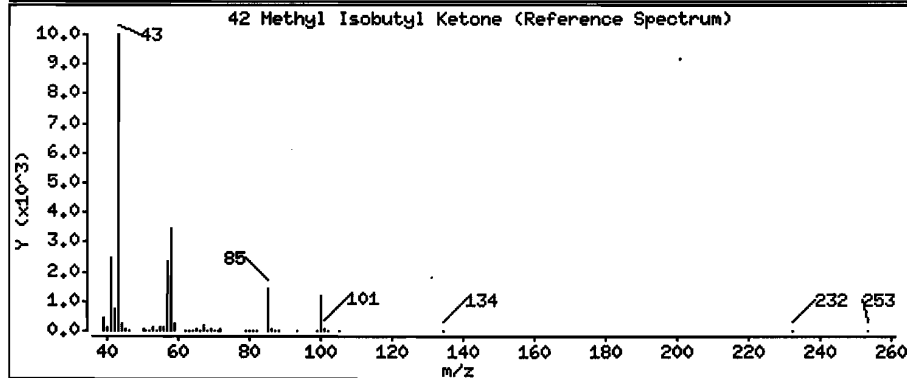
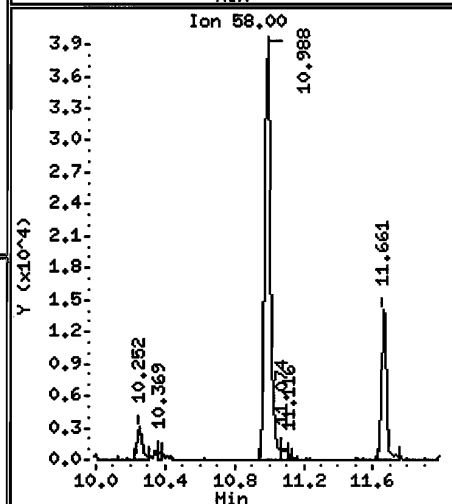
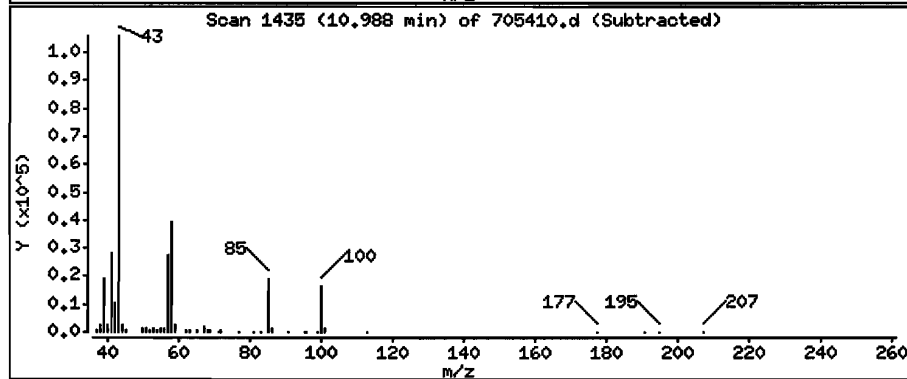
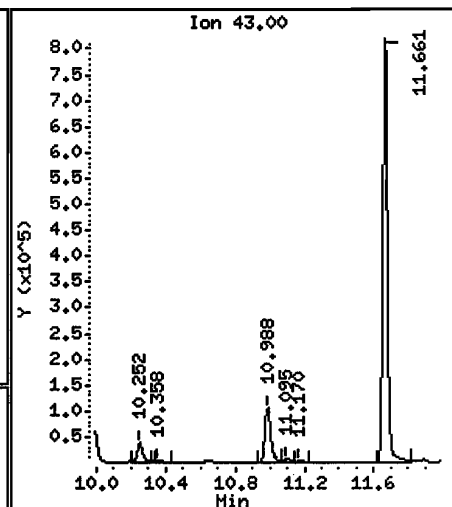
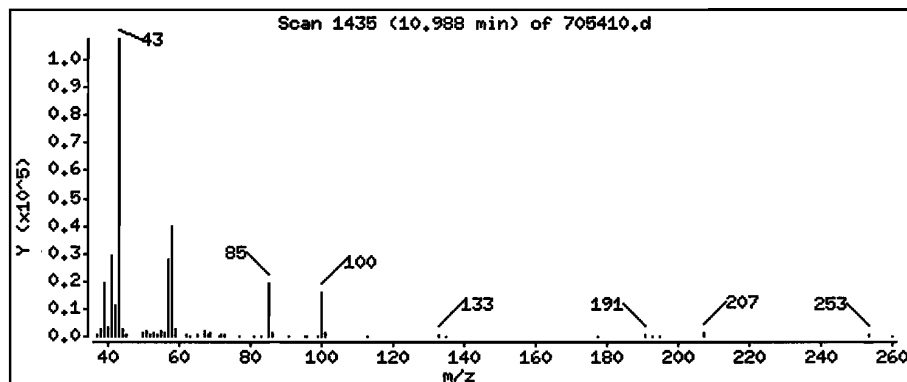
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

42 Methyl Isobutyl Ketone

Concentration: 33 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

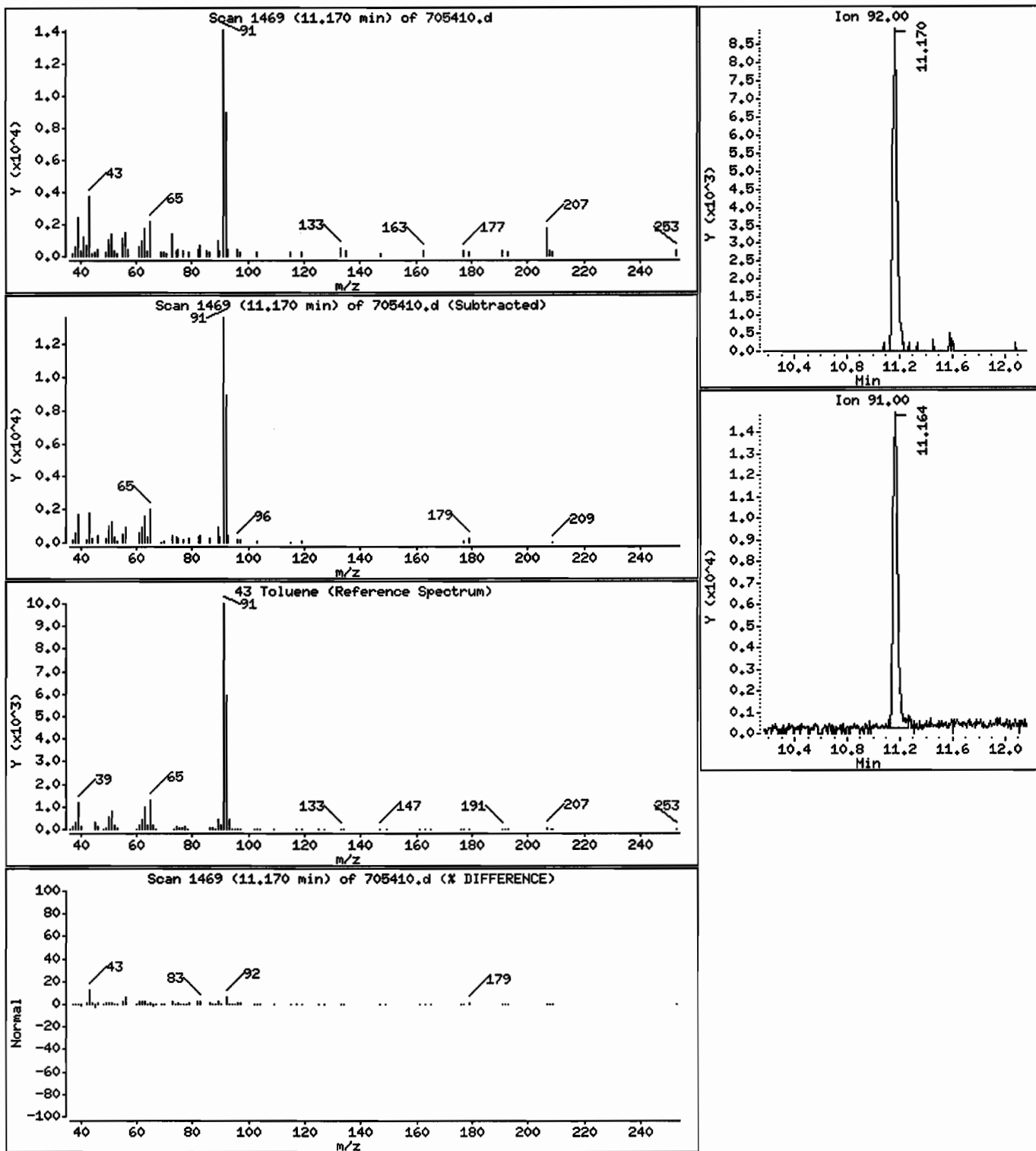
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

43 Toluene

Concentration: 1.9 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 ;[103/29/07 @ (AIR)

Purge Volume: 150.0

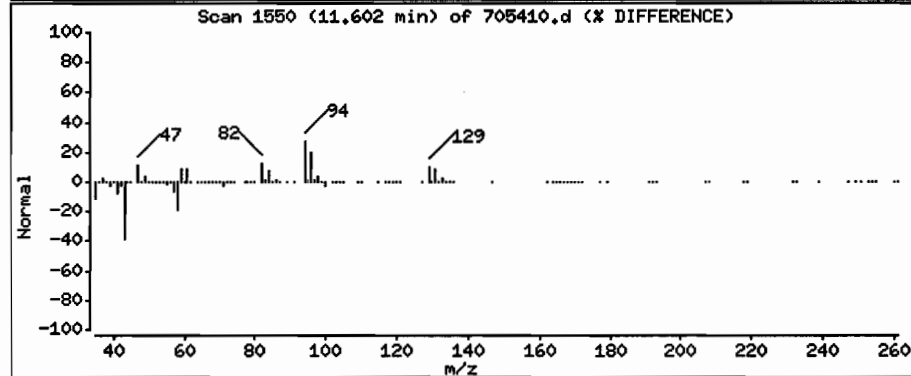
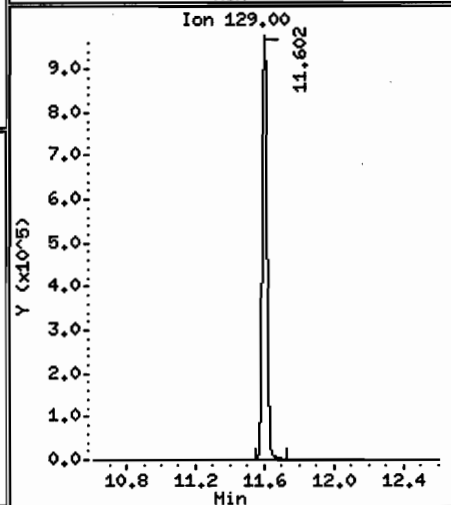
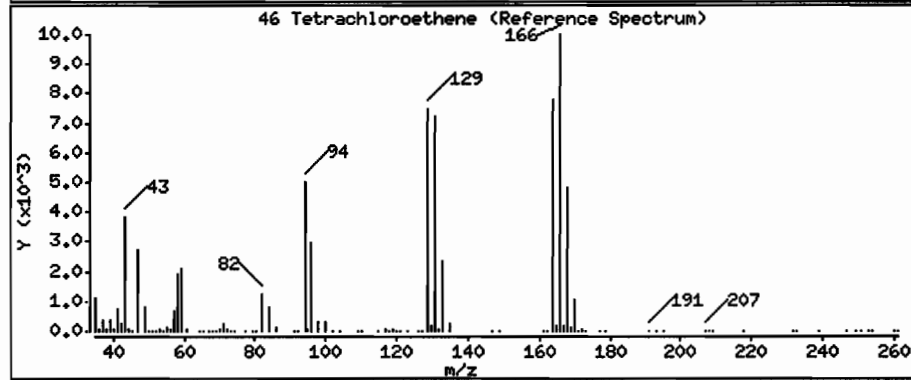
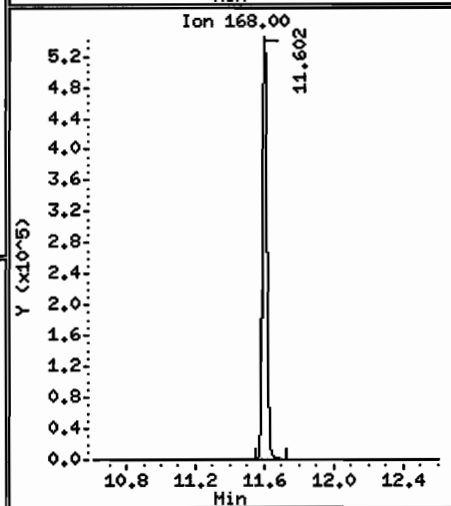
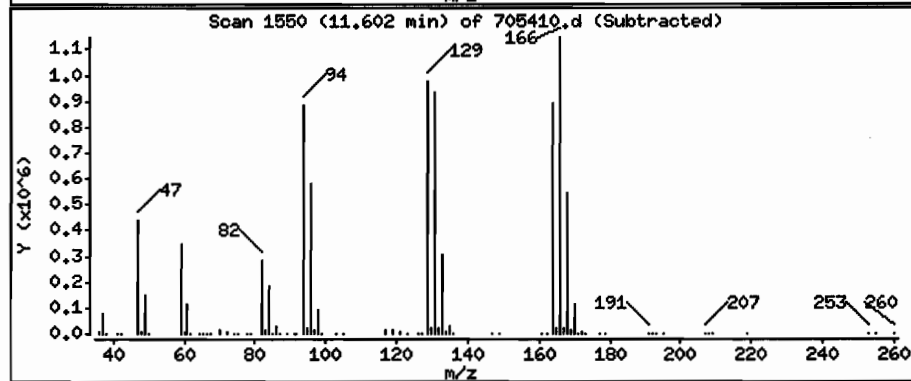
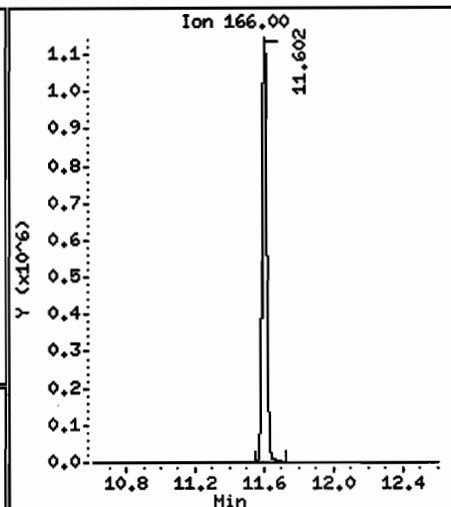
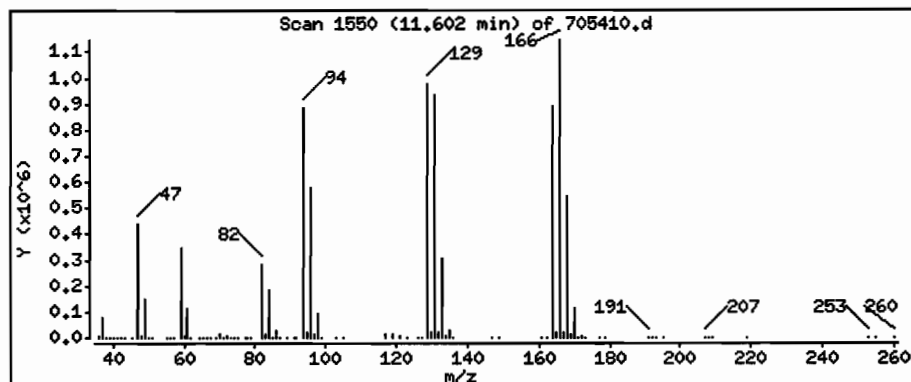
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

46 Tetrachloroethene

Concentration: 220 ppbv



Date : 18-APR-2007 23:38

Client ID: SS-5

Instrument: C.i

Sample Info: SS-5 :[103/29/07 @ (AIR)

Purge Volume: 150.0

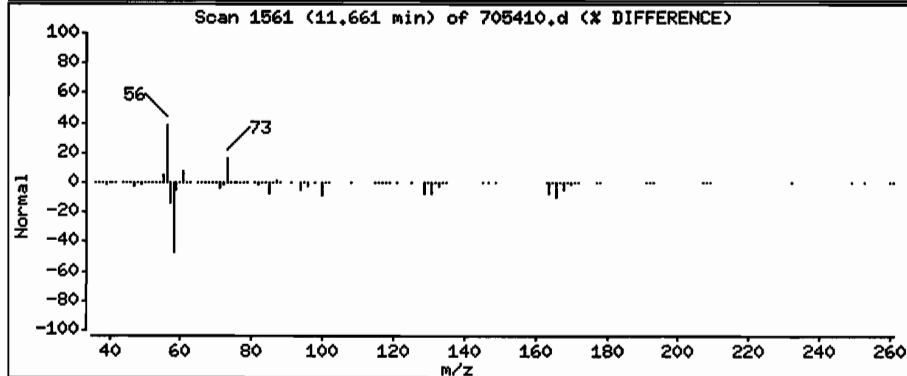
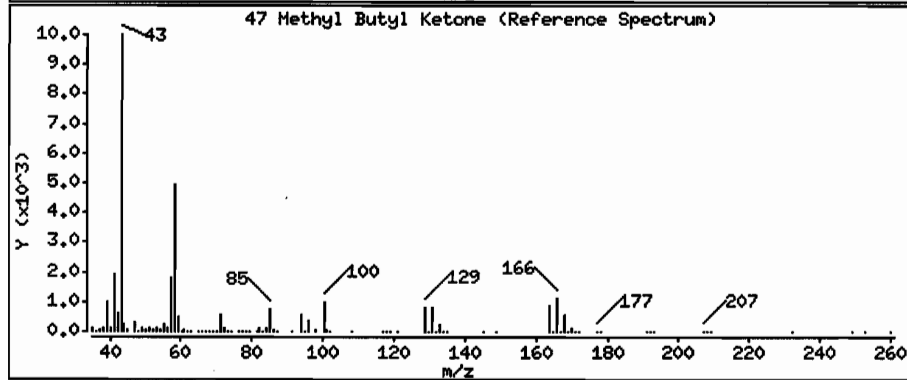
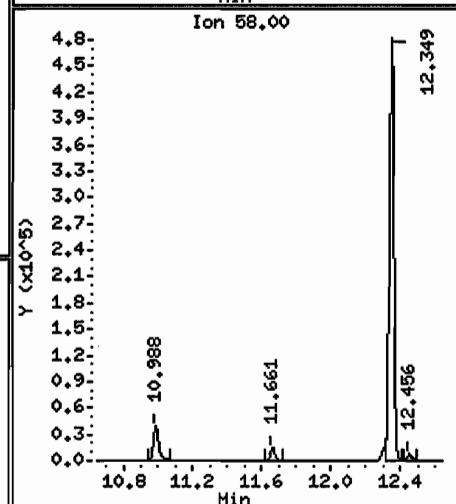
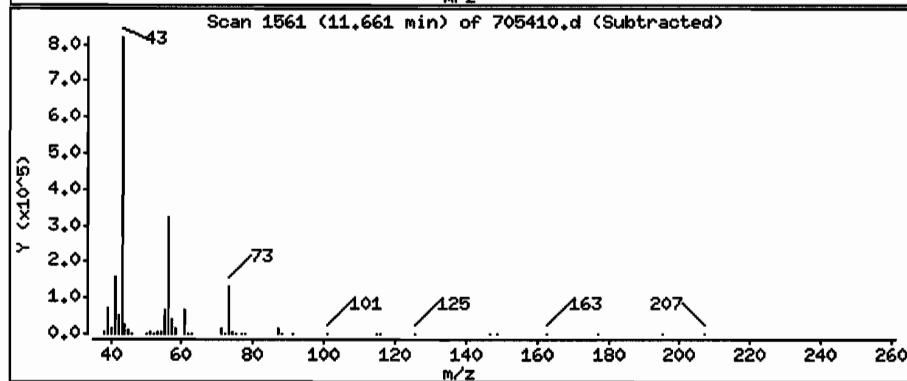
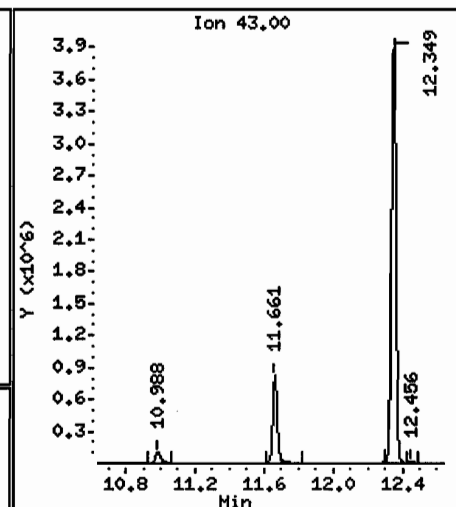
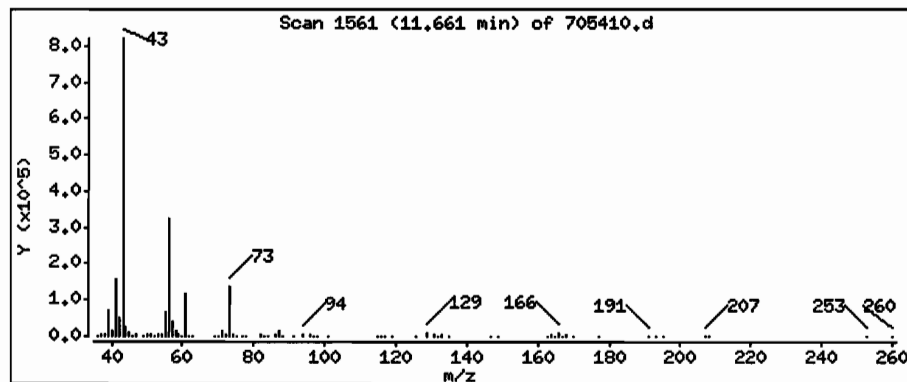
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

47 Methyl Butyl Ketone

Concentration: 230 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

DELEN2 SAMPLE NO.

UW-1

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: 705412

Sample wt/vol: 250.0 (g/mL) ML

Lab File ID: 705412

Level: (low/med) LOW

Date Received: 04/02/07

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 0.8

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	0.16	U
78-87-5-----	1,2-Dichloropropane	0.16	U
123-91-1-----	1,4-Dioxane	4.0	U
75-27-4-----	Bromodichloromethane	0.16	U
10061-01-5-----	cis-1,3-Dichloropropene	0.16	U
108-10-1-----	Methyl Isobutyl Ketone	0.40	U
108-88-3-----	Toluene	0.16	U
10061-02-6-----	trans-1,3-Dichloropropene	0.16	U
79-00-5-----	1,1,2-Trichloroethane	0.16	U
127-18-4-----	Tetrachloroethene	0.16	U
591-78-6-----	Methyl Butyl Ketone	0.40	U
124-48-1-----	Dibromochloromethane	0.16	U
106-93-4-----	1,2-Dibromoethane	0.16	U
108-90-7-----	Chlorobenzene	0.16	U
100-41-4-----	Ethylbenzene	0.16	U
1330-20-7-----	Xylene (m,p)	0.40	U
95-47-6-----	Xylene (o)	0.16	U
1330-20-7-----	Xylene (total)	0.16	U
100-42-5-----	Styrene	0.16	U
75-25-2-----	Bromoform	0.16	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.16	U
622-96-8-----	4-Ethyltoluene	0.16	U
108-67-8-----	1,3,5-Trimethylbenzene	0.16	U
95-49-8-----	2-Chlorotoluene	0.16	U
95-63-6-----	1,2,4-Trimethylbenzene	0.16	U
541-73-1-----	1,3-Dichlorobenzene	0.16	U
106-46-7-----	1,4-Dichlorobenzene	0.16	U
95-50-1-----	1,2-Dichlorobenzene	0.16	U
120-82-1-----	1,2,4-Trichlorobenzene	0.40	U
87-68-3-----	Hexachlorobutadiene	0.16	U
91-20-3-----	Naphthalene	0.40	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK041707CA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: MBLK041707CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJB01C

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/17/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

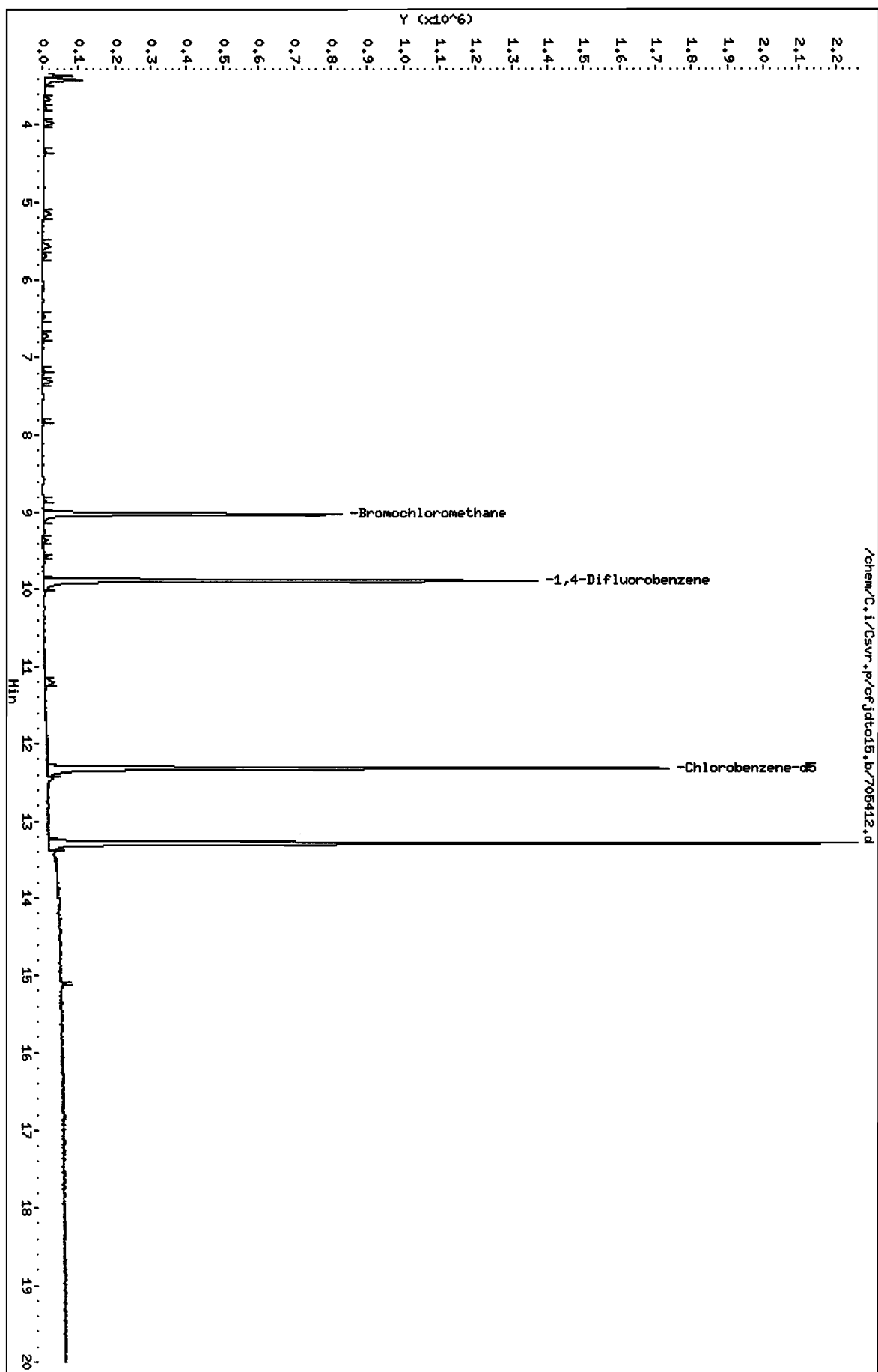
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

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	0.50	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
67-64-1-----	Acetone	5.0	U
67-63-0-----	Isopropyl Alcohol	5.0	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
75-65-0-----	tert-Butyl Alcohol	5.0	U
1634-04-4-----	Methyl tert-Butyl Ether	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
540-59-0-----	1,2-Dichloroethene (total)	0.20	U
78-93-3-----	Methyl Ethyl Ketone	0.50	U
156-59-2-----	cis-1,2-Dichloroethene	0.20	U
109-99-9-----	Tetrahydrofuran	5.0	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

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjdt015.b/705412.d
Date : 18-APR-2007 16:24
Client ID: UM-1
Sample Info: UM-1 : I 103/29/07 @ (AIR)
Purge Volume: 250.0
Column phase: RTX-624

Instrument: C.i
Operator: wrd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/705412.d
 Lab Smp Id: 705412 Client Smp ID: UW-1
 Inj Date : 18-APR-2007 16:24
 Operator : wrd Inst ID: C.i
 Smp Info : UW-1 :[]03/29/07 @ (AIR)
 Misc Info : 705412;041807CA;.8;250
 Comment :
 Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
 Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 4
 Dil Factor: 0.80000
 Integrator: HP RTE Compound Sublist: TO15all+N.sub
 Target Version: 3.50
 Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	0.80000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	250.00000	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	3.420	3.421	(0.379)	92671	0.76834	0.61
2 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
3 Chloromethane	50	3.794	3.783	(0.421)	12402	0.64843	0.52
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	5.571	5.561	(0.618)	30821	0.30212	0.24
10 Freon TF	101	Compound Not Detected.					
11 1,1-Dichloroethene	96	Compound Not Detected.					
12 Acetone	43	Compound Not Detected.					
13 Isopropyl Alcohol	45	Compound Not Detected.					
14 Carbon Disulfide	76	Compound Not Detected.					
15 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.306	7.306	(0.810)	19215	0.73454	0.59
17 tert-Butyl Alcohol	59	Compound Not Detected.					
18 Methyl tert-Butyl Ether	73	Compound Not Detected.					
19 trans-1,2-Dichloroethene	61	Compound Not Detected.					
20 n-Hexane	57	Compound Not Detected.					
21 1,1-Dichloroethane	63	Compound Not Detected.					
M 22 1,2-Dichloroethene (total)	61	Compound Not Detected.					
23 Methyl Ethyl Ketone	72	Compound Not Detected.					
24 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	185495	10.0000	(Q)
26 Tetrahydrofuran	42	Compound Not Detected.					
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	9.883	9.883	(1.000)	997691	10.0000	
36 Trichloroethene	95	Compound Not Detected.					
38 1,2-Dichloropropane	63	Compound Not Detected.					
39 1,4-Dioxane	88	Compound Not Detected.					
40 Bromodichloromethane	83	Compound Not Detected.					
41 cis-1,3-Dichloropropene	75	Compound Not Detected.					
42 Methyl Isobutyl Ketone	43	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.					
47 Methyl Butyl Ketone	43	Compound Not Detected.					
48 Dibromochloromethane	129	Compound Not Detected.					
49 1,2-Dibromoethane	107	Compound Not Detected.					
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	960590	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.					
M 55 Xylene (total)	106	Compound Not Detected.					
56 Styrene	104	Compound Not Detected.					
57 Bromoform	173	Compound Not Detected.					
58 1,1,1,2,2-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.					

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
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.		
68 Naphthalene	128				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Date : 18-APR-2007 16:24

Client ID: UW-1

Instrument: C.i

Sample Info: UW-1 :[103/29/07 @ (AIR)

Purge Volume: 250.0

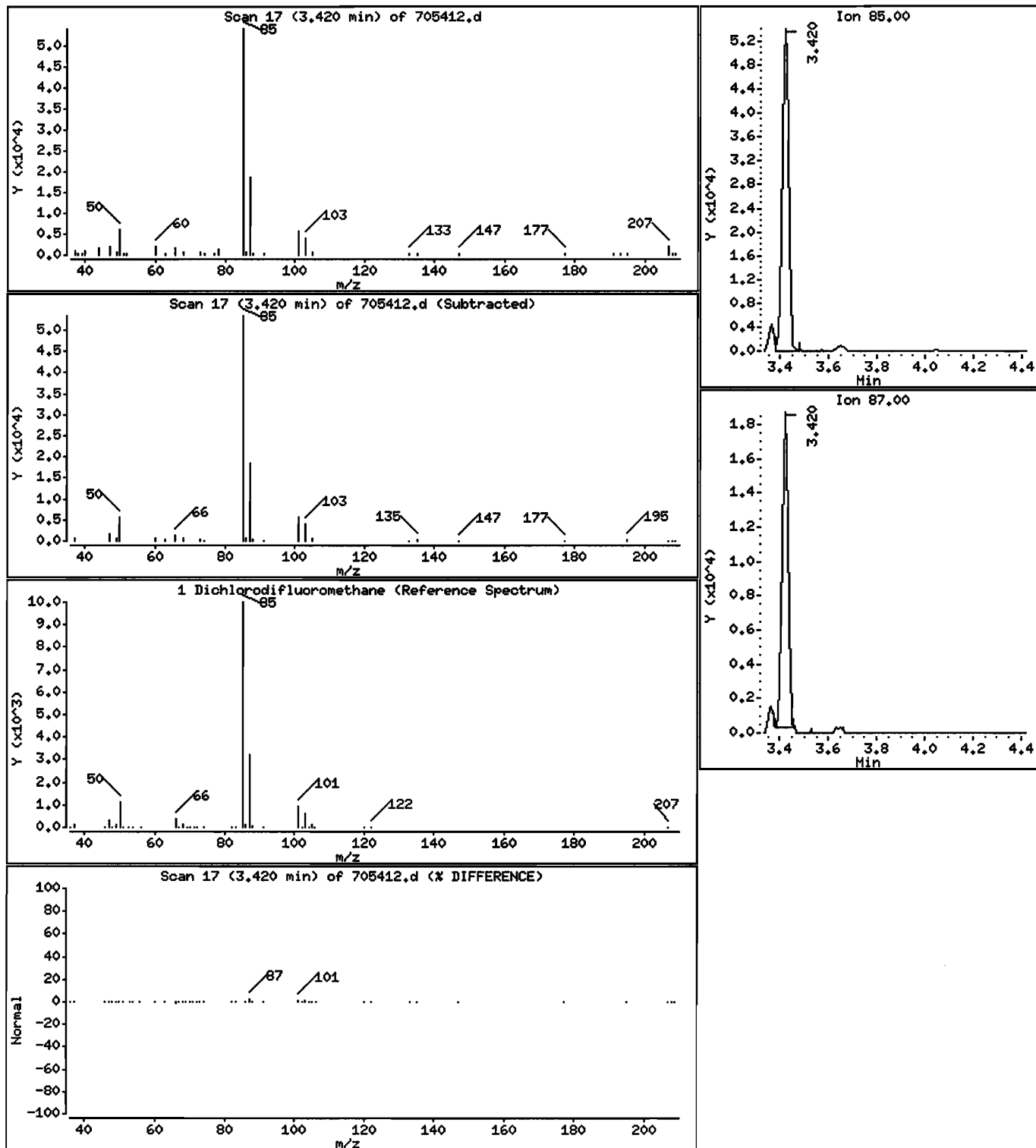
Operator: wnd

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.61 ppbv



Date : 18-APR-2007 16:24

Client ID: UM-1

Instrument: C.i

Sample Info: UM-1 ;[103/29/07 @ (AIR)

Purge Volume: 250.0

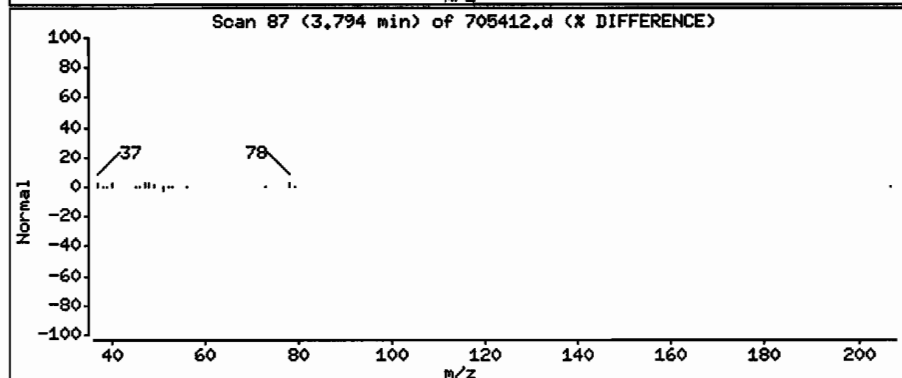
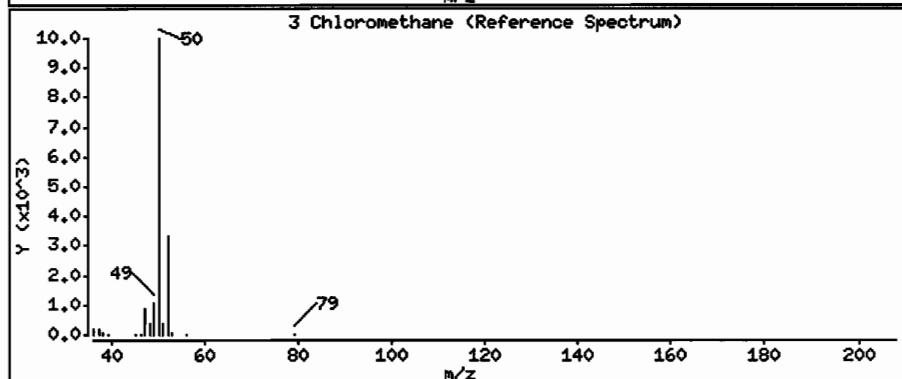
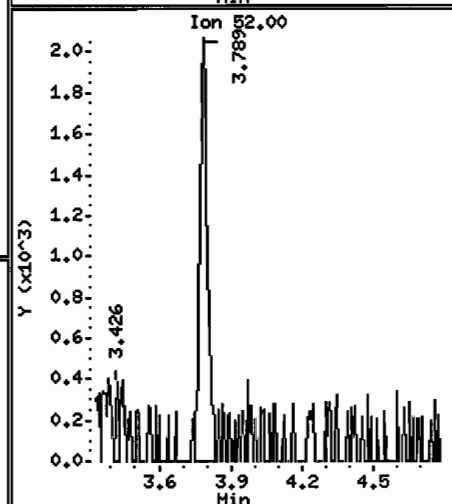
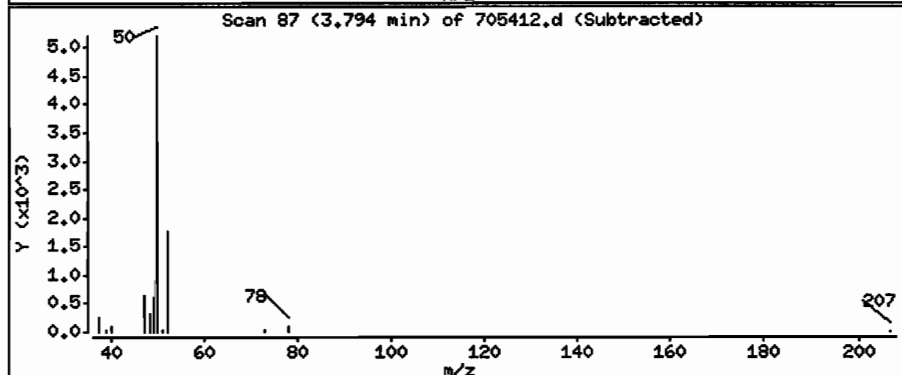
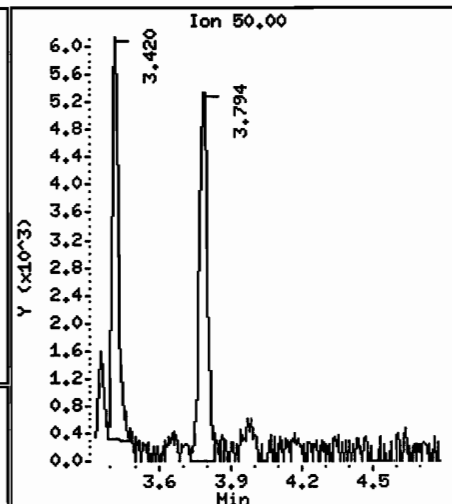
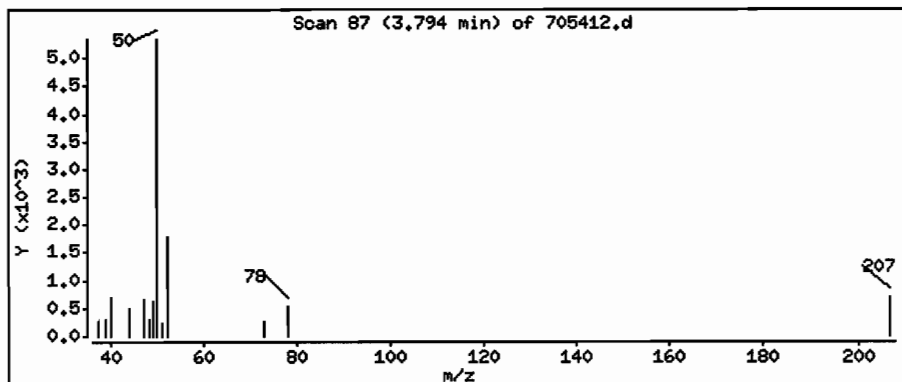
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

3 Chloromethane

Concentration: 0.52 ppbv



Date : 18-APR-2007 16:24

Client ID: UW-1

Instrument: C.i

Sample Info: UW-1 :[103/29/07 @ (AIR)

Purge Volume: 250.0

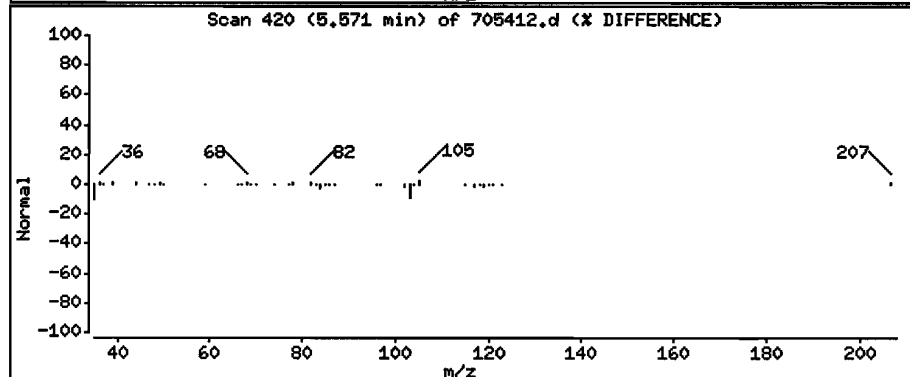
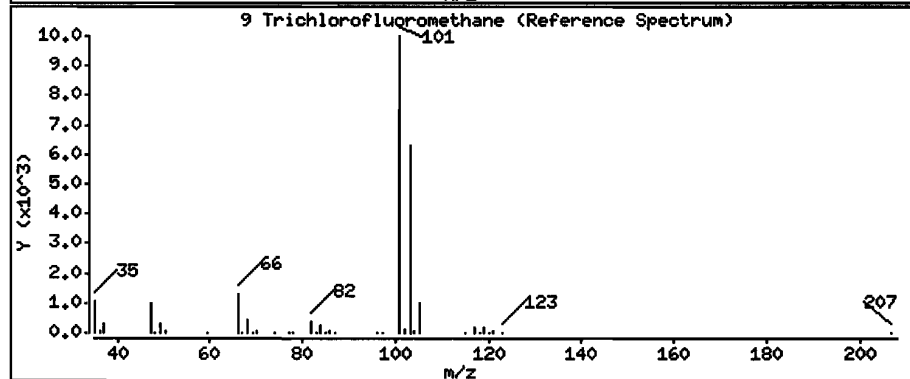
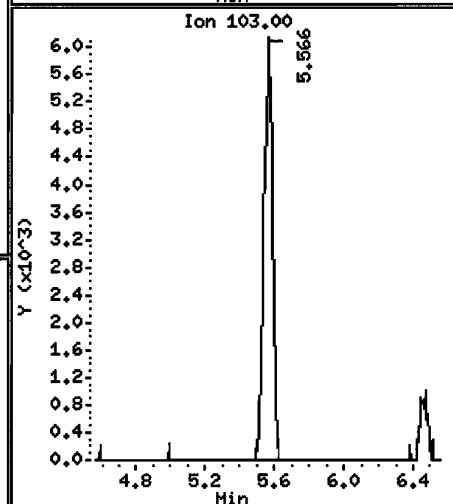
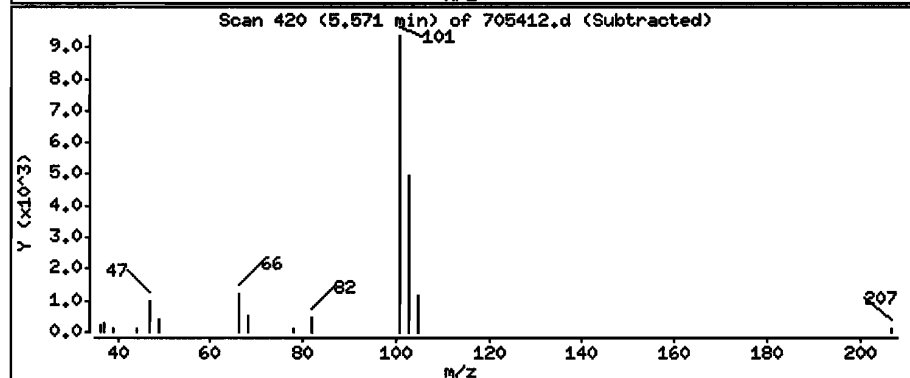
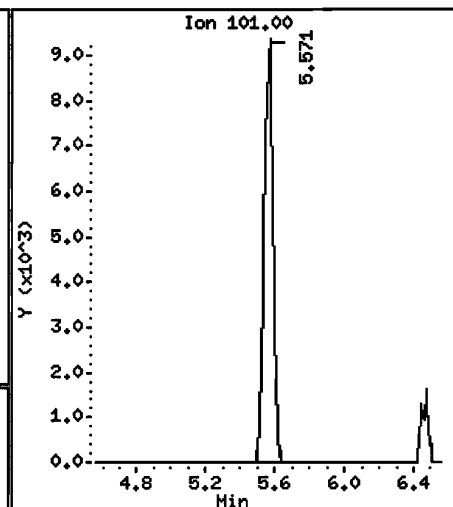
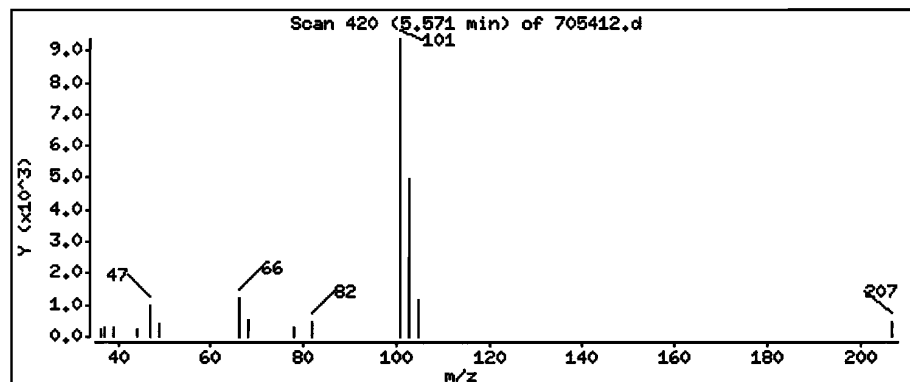
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

9 Trichlorofluoromethane

Concentration: 0.24 ppbv



Date : 18-APR-2007 16:24

Client ID: UW-1

Instrument: C.i

Sample Info: UW-1 ;[103/29/07 @ (AIR)

Purge Volume: 250.0

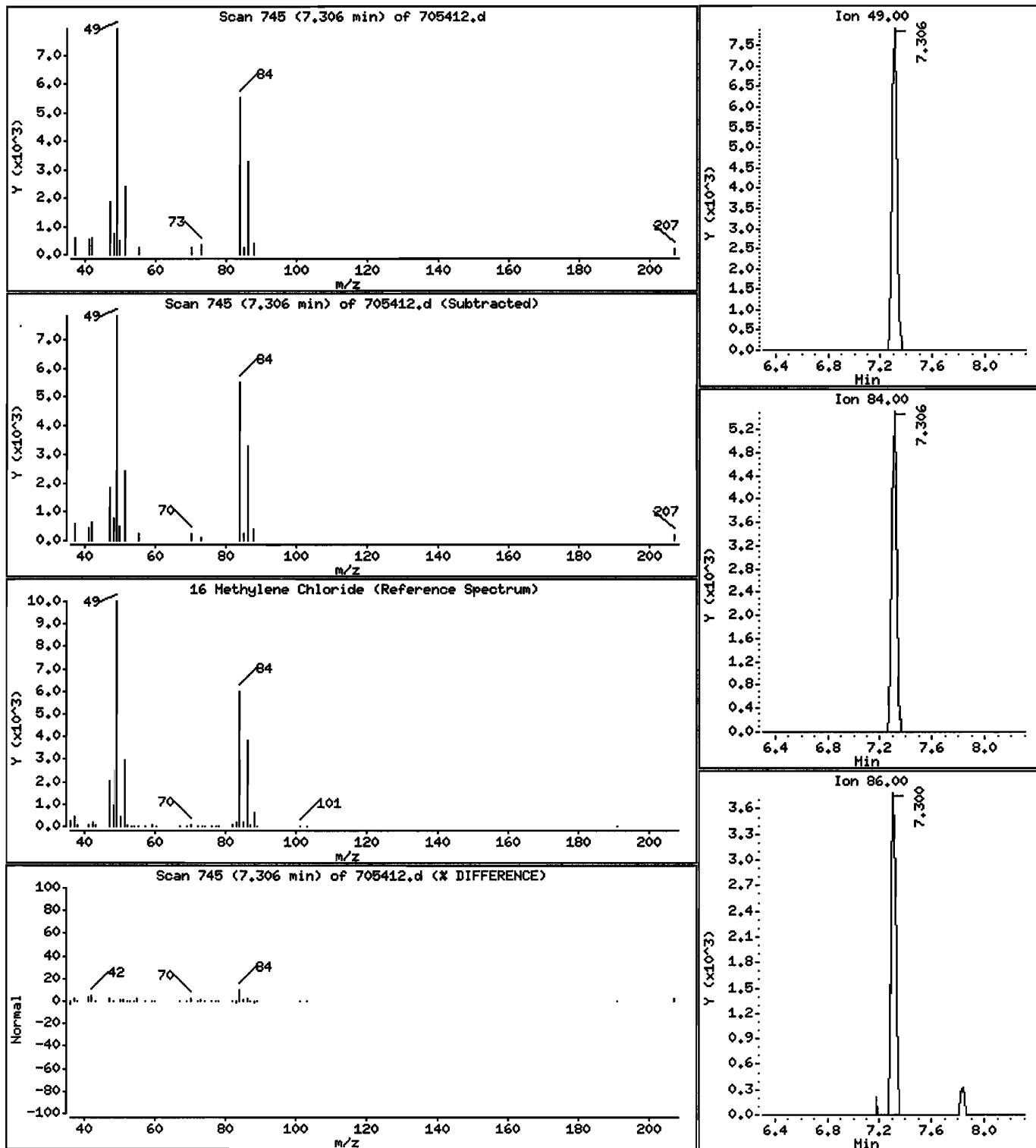
Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

16 Methylene Chloride

Concentration: 0.59 ppbv





Standards - TO-15 Volatile

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Instrument ID: C

Calibration Date(s): 04/12/07 04/12/07

Heated Purge: (Y/N) N

Calibration Time(s): 1322 1742

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:		RRF0.2=CFJ002V		RRF0.5=CFJ005V		RRF10=CFJ10V	
RRF2 =		RRF5 =CFJ05V					
COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	RRF	% RSD
Dichlorodifluoromethane		7.524		7.017	6.488		
1,2-Dichlorotetrafluoroethane	6.548	6.561		6.207	5.820		
Chloromethane		1.225		1.114	1.026		
Vinyl Chloride	1.731	1.666		1.563	1.448		
1,3-Butadiene		1.173		1.052	0.998		
Bromomethane	1.576	1.600		1.462	1.417		
Chloroethane		0.767		0.710	0.680		
Bromoethene	1.285	1.383		1.269	1.242		
Trichlorofluoromethane	5.831	5.875		5.522	5.342		
Freon TF	3.104	3.096		2.950	2.863		
1,1-Dichloroethene	1.308	1.280		1.212	1.173		
Acetone				1.620	1.547		
Isopropyl Alcohol				1.185	1.165		
Carbon Disulfide		3.798		3.590	3.536		
3-Chloropropene		1.516		1.390	1.334		
Methylene Chloride		1.738		1.409	1.330		
tert-Butyl Alcohol				1.930	1.947		
Methyl tert-Butyl Ether		3.798		3.784	3.674		
trans-1,2-Dichloroethene	2.160	2.152		2.045	1.978		
n-Hexane		1.990		1.896	1.829		
1,1-Dichloroethane	* 2.527	2.449		2.382	2.292		*
1,2-Dichloroethene (total)	1.800	1.760		1.691	1.635		
Methyl Ethyl Ketone		0.457		0.485	0.492		
cis-1,2-Dichloroethene	1.439	1.368		1.336	1.292		
Tetrahydrofuran				0.241	0.240		
Chloroform	3.540	3.486		3.363	3.205		
1,1,1-Trichloroethane	0.880	0.888		0.898	0.890		
Cyclohexane	0.397	0.433		0.417	0.423		
Carbon Tetrachloride	0.984	1.034		1.055	1.053		
2,2,4-Trimethylpentane	1.110	1.188		1.224	1.227		
Benzene	0.805	0.766		0.752	0.731		
1,2-Dichloroethane	0.456	0.472		0.482	0.465		
n-Heptane	0.387	0.420		0.437	0.436		
Trichloroethene	0.387	0.407		0.394	0.388		
1,2-Dichloropropane	0.245	0.271		0.264	0.263		
1,4-Dioxane				0.100	0.095		
Bromodichloromethane	0.630	0.682		0.740	0.735		

* 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: 27000

Lab Code: STLV

Case No.: 27000

SAS No.:

SDG No.: NY119362

Instrument ID: C

Calibration Date(s): 04/12/07 04/12/07

Heated Purge: (Y/N) N

Calibration Time(s): 1322 1742

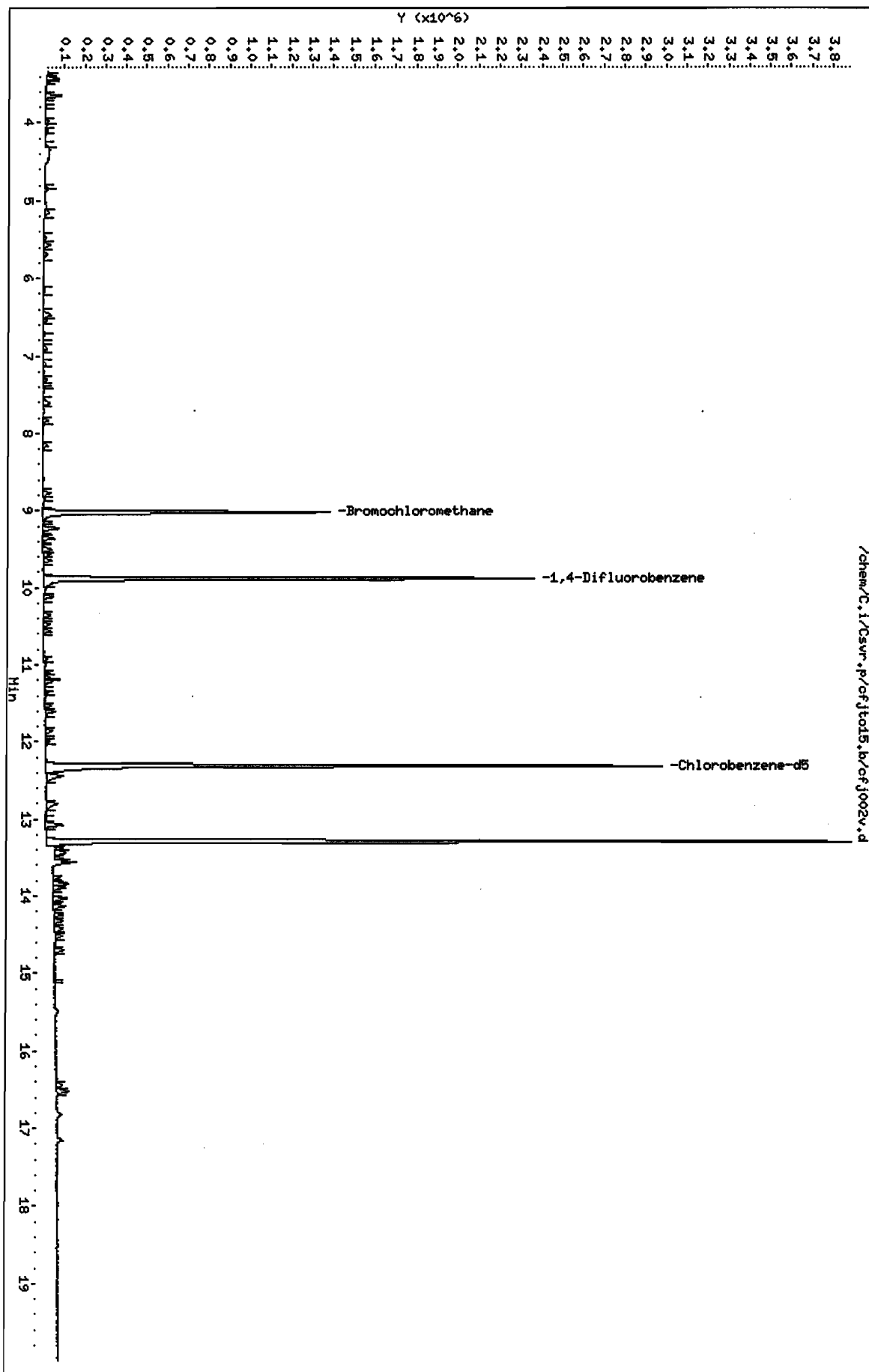
GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:		RRF15 =CFJ15V		RRF20 =CFJ20V			
RRF40 =CFJ40V							
COMPOUND	RRF15	RRF20	RRF40			RRF	% RSD
Dichlorodifluoromethane		6.343	5.139			6.502	13.7
1,2-Dichlorotetrafluoroethane		5.738	4.850			5.954	10.8
Chloromethane		0.982	0.807			1.031	15.1
Vinyl Chloride		1.363	1.138			1.485	14.6
1,3-Butadiene		0.932	0.781			0.987	14.7
Bromomethane		1.431	1.209			1.449	9.6
Chloroethane		0.676	0.593			0.685	9.2
Bromoethene		1.304	1.164			1.274	5.7
Trichlorofluoromethane		5.518	4.910			5.500	6.4
Freon TF		2.982	2.789			2.964	4.2
1,1-Dichloroethene		1.226	1.115			1.219	5.7
Acetone	1.552	1.506	1.491			1.543	3.3
Isopropyl Alcohol	1.149	1.142	1.058			1.140	4.2
Carbon Disulfide		3.728	3.315			3.593	5.2
3-Chloropropene		1.391	1.304			1.387	5.8
Methylene Chloride		1.347	1.226			1.410	13.8
tert-Butyl Alcohol	1.895	1.959	1.788			1.904	3.6
Methyl tert-Butyl Ether		3.815	3.849			3.784	1.7
trans-1,2-Dichloroethene		2.041	1.911			2.048	4.7
n-Hexane		1.944	1.816			1.895	3.9
1,1-Dichloroethane	*	2.406	2.272			2.388	4.0*
1,2-Dichloroethene (total)		1.708	1.639			1.706	3.8
Methyl Ethyl Ketone		0.516	0.566			0.503	8.2
cis-1,2-Dichloroethene		1.376	1.368			1.363	3.6
Tetrahydrofuran	0.246	0.251	0.255			0.247	2.7
Chloroform		3.363	3.246			3.367	3.9
1,1,1-Trichloroethane		0.985	0.997			0.923	5.7
Cyclohexane		0.461	0.450			0.430	5.4
Carbon Tetrachloride		1.150	1.116			1.065	5.6
2,2,4-Trimethylpentane		1.361	1.278			1.231	6.9
Benzene		0.798	0.794			0.774	3.8
1,2-Dichloroethane		0.501	0.514			0.482	4.7
n-Heptane		0.476	0.451			0.434	6.9
Trichloroethene		0.422	0.432			0.405	4.6
1,2-Dichloropropane		0.282	0.283			0.268	5.4
1,4-Dioxane	0.090	0.094	0.089			0.094	4.8
Bromodichloromethane		0.792	0.802			0.730	9.0

* 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/Csvr.p/cfjto15.b/cfj002v.d
Date: 12-APR-2007 13:22
Client ID: astd002
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.1
Operator: HTP
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj002v.d
Lab Smp Id: astd002 Client Smp ID: astd002
Inj Date : 12-APR-2007 13:22
Operator : MTP Inst ID: C.i
Smp Info :
Misc Info : astd002;041207CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
Meth Date : 14-Apr-2007 18:09 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 13:22 Cal File: cfj002v.d
Als bottle: 2 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

						AMOUNTS	
QUANT SIG						CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppbv)	(ppbv)
*****	----	--	-----	-----	-----	-----	-----
2 1,2-Dichlorotetrafluoroethane	85	3.650	3.650	(0.405)	48306	0.20000	0.20
4 Vinyl Chloride	62	4.029	4.024	(0.447)	12770	0.20000	0.20
6 Bromomethane	94	4.851	4.840	(0.538)	11625	0.20000	0.20
8 Bromoethene	106	5.470	5.475	(0.606)	9482	0.20000	0.20
9 Trichlorofluoromethane	101	5.566	5.566	(0.617)	43019	0.20000	0.20
10 Freon TF	101	6.468	6.463	(0.717)	22903	0.20000	0.20
11 1,1-Dichloroethene	96	6.527	6.537	(0.724)	9647	0.20000	0.20
19 trans-1,2-Dichloroethene	61	7.610	7.610	(0.844)	15935	0.20000	0.20
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	18646	0.20000	0.20
M 22 1,2-Dichloroethene (total)	61				26554	0.40000	0.40
24 cis-1,2-Dichloroethene	96	8.773	8.768	(0.973)	10619	0.20000	0.20
* 25 Bromochloromethane	128	9.019	9.024	(1.000)	368879	10.0000	
27 Chloroform	83	9.051	9.056	(1.004)	26115	0.20000	0.20
28 1,1,1-Trichloroethane	97	9.232	9.232	(0.934)	33166	0.20000	0.20
29 Cyclohexane	84	9.232	9.232	(0.934)	14963	0.20000	0.20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
30 Carbon Tetrachloride	117	9.361	9.361	(0.947)	37099	0.20000	0.20
31 2,2,4-Trimethylpentane	57	9.505	9.510	(0.962)	41832	0.20000	0.20
32 Benzene	78	9.569	9.569	(0.968)	30358	0.20000	0.20
34 n-Heptane	43	9.654	9.649	(0.977)	14592	0.20000	0.20
33 1,2-Dichloroethane	62	9.633	9.633	(0.975)	17176	0.20000	0.20 (M)
* 35 1,4-Difluorobenzene	114	9.884	9.884	(1.000)	1885008	10.0000	
36 Trichloroethene	95	10.118	10.124	(1.024)	14608	0.20000	0.20
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	9229	0.20000	0.20
40 Bromodichloromethane	83	10.561	10.561	(1.069)	23743	0.20000	0.20
41 cis-1,3-Dichloropropene	75	10.924	10.919	(1.105)	15895	0.20000	0.20 (M)
43 Toluene	92	11.175	11.170	(0.908)	16807	0.20000	0.20 (Q)
44 trans-1,3-Dichloropropene	75	11.362	11.362	(1.150)	15824	0.20000	0.20 (M)
45 1,1,2-Trichloroethane	83	11.522	11.527	(0.936)	9148	0.20000	0.20
46 Tetrachloroethene	166	11.607	11.607	(0.943)	14370	0.20000	0.20
48 Dibromochloromethane	129	11.853	11.858	(0.963)	19431	0.20000	0.20
49 1,2-Dibromoethane	107	11.992	11.992	(0.974)	15767	0.20000	0.20
* 50 Chlorobenzene-d5	117	12.312	12.312	(1.000)	1804455	10.0000	
51 Chlorobenzene	112	12.338	12.338	(1.002)	26777	0.20000	0.20 (Q)
52 Ethylbenzene	91	12.354	12.349	(1.003)	43382	0.20000	0.20
M 55 Xylene (total)	106				51709	0.20000	0.59
53 Xylene (m,p)	106	12.445	12.440	(1.011)	34040	0.40000	0.40 (aQM)
54 Xylene (o)	106	12.803	12.792	(1.040)	17669	0.20000	0.20
56 Styrene	104	12.824	12.803	(1.042)	19482	0.20000	0.20
57 Bromoform	173	13.054	13.059	(1.060)	14286	0.20000	0.20
58 1,1,2,2-Tetrachloroethane	83	13.363	13.369	(1.085)	24717	0.20000	0.20
59 4-Ethyltoluene	105	13.507	13.502	(1.097)	38124	0.20000	0.20
60 1,3,5-Trimethylbenzene	105	13.545	13.545	(1.100)	52806	0.20000	0.20
61 2-Chlorotoluene	91	13.571	13.571	(1.102)	45941	0.20000	0.20
62 1,2,4-Trimethylbenzene	105	13.886	13.886	(1.128)	40700	0.20000	0.20
63 1,3-Dichlorobenzene	146	14.238	14.238	(1.156)	21428	0.20000	0.20
64 1,4-Dichlorobenzene	146	14.318	14.318	(1.163)	21022	0.20000	0.20
65 1,2-Dichlorobenzene	146	14.697	14.697	(1.194)	24850	0.20000	0.20
67 Hexachlorobutadiene	225	16.517	16.528	(1.342)	11639	0.20000	0.20

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- M - Compound response manually integrated.

MANUAL INTEGRATION REPORT

Data File Name: cfj002v.d

Inj. Date and Time: 12-APR-2007 13:22

Target Version: Target 3.50

Client Sample ID: astd002

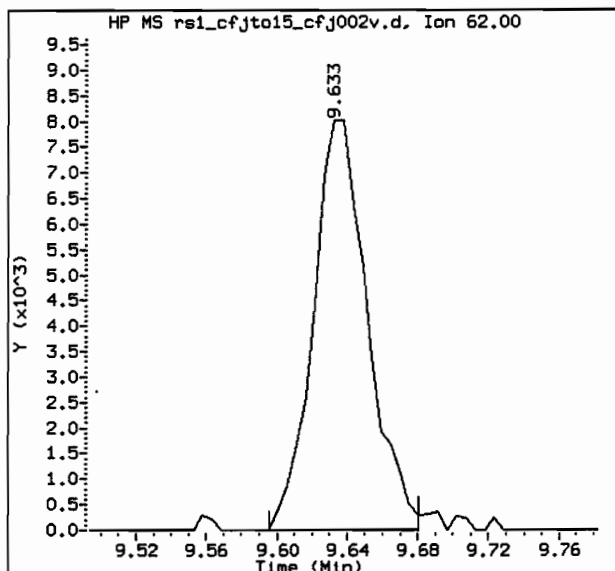
Instrument ID: C.i

Report Version: 1.1

Compound Name: 1,2-Dichloroethane

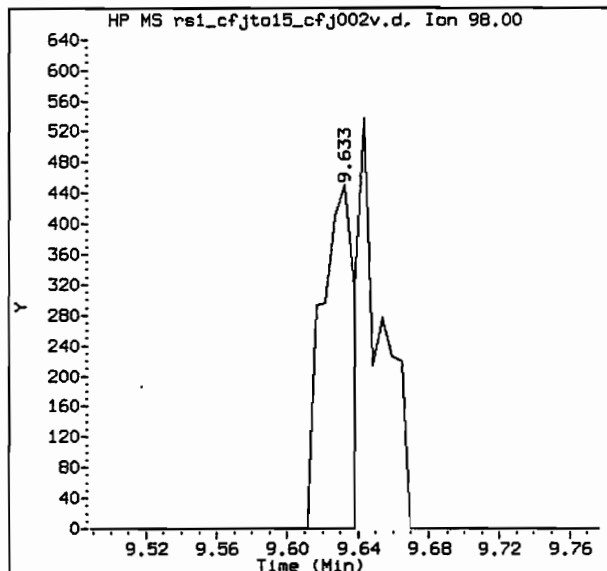
CAS #: 107-06-2

Report Date: 04/14/2007 18:09

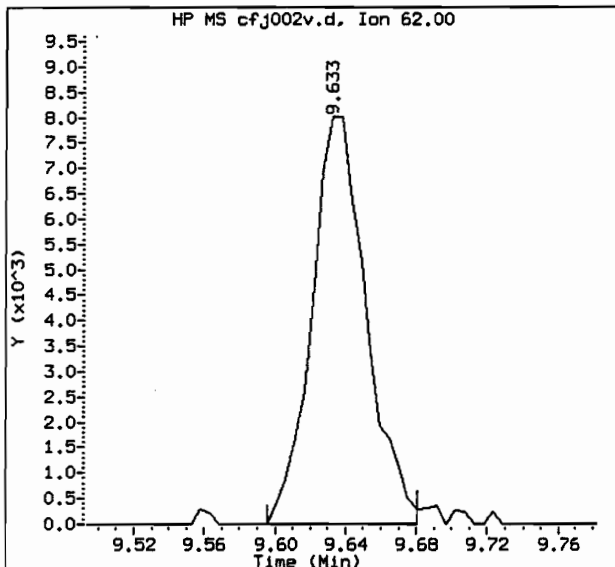


Original Integrations:

Area = 17176

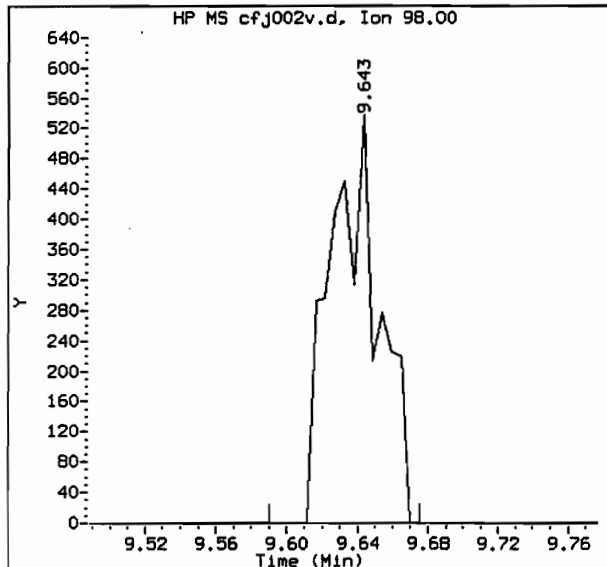


Area = 563



Final Integrations:

Area = 17176



Area = 1034

Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: cfj002v.d

Inj. Date and Time: 12-APR-2007 13:22

Target Version: Target 3.50

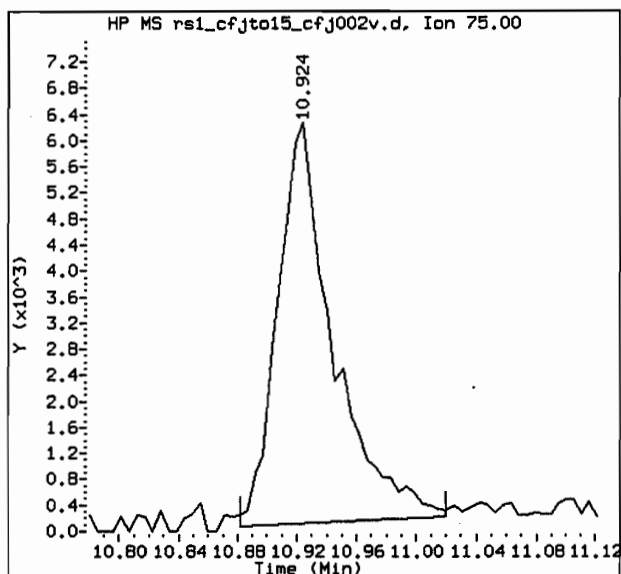
Client Sample ID: astd002

Instrument ID: C.i

Report Version: 1.1

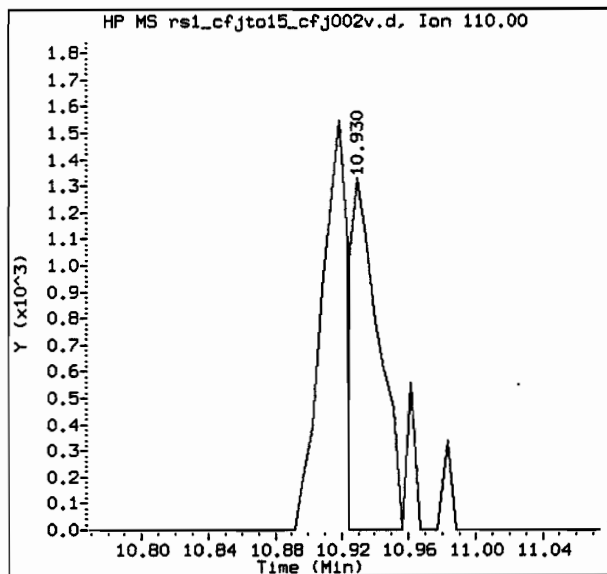
Compound Name: cis-1,3-Dichloropropene CAS #: 10061-01-5

Report Date: 04/14/2007 18:09

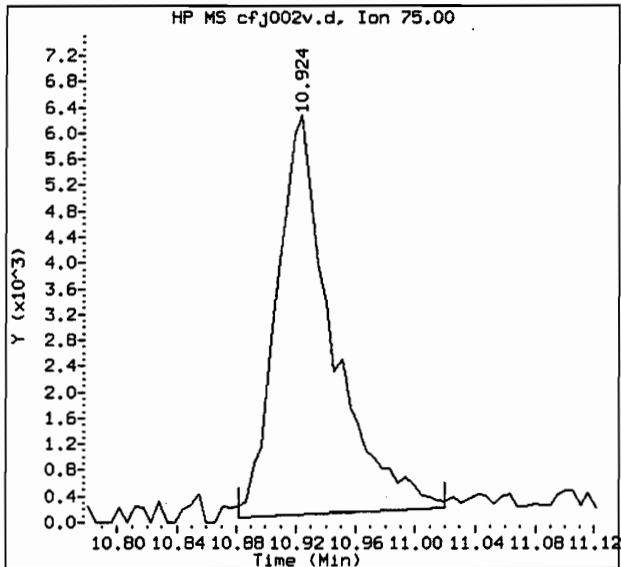


Original Integrations:

Area = 15895

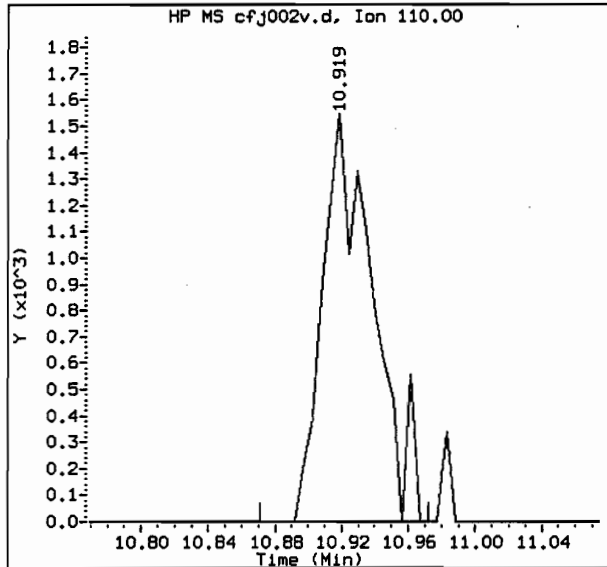


Area = 1699



Final Integrations:

Area = 15895



Area = 3253

Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: cfj002v.d

Inj. Date and Time: 12-APR-2007 13:22

Target Version: Target 3.50

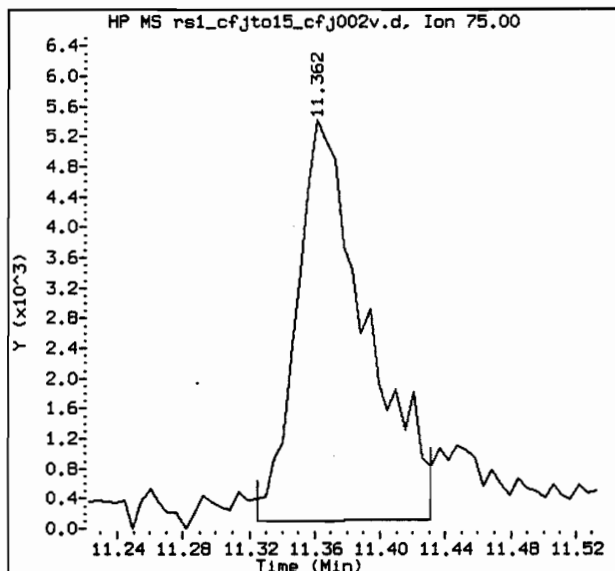
Client Sample ID: astd002

Instrument ID: C.i

Report Version: 1.1

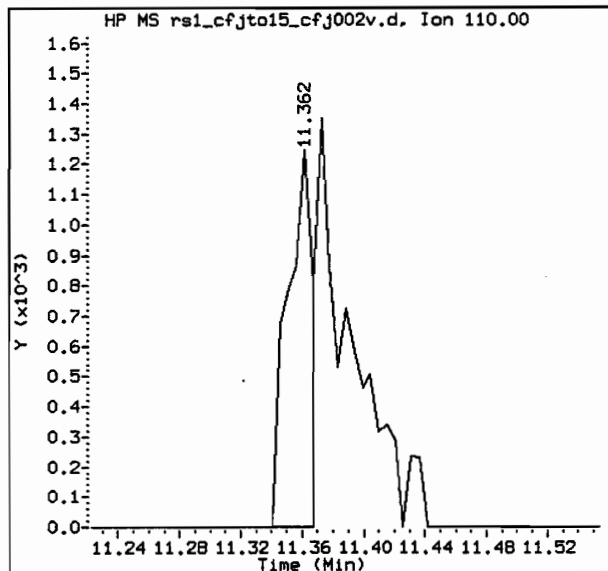
Compound Name: trans-1,3-DichloropropeneCAS #: 10061-02-6

Report Date: 04/14/2007 18:09

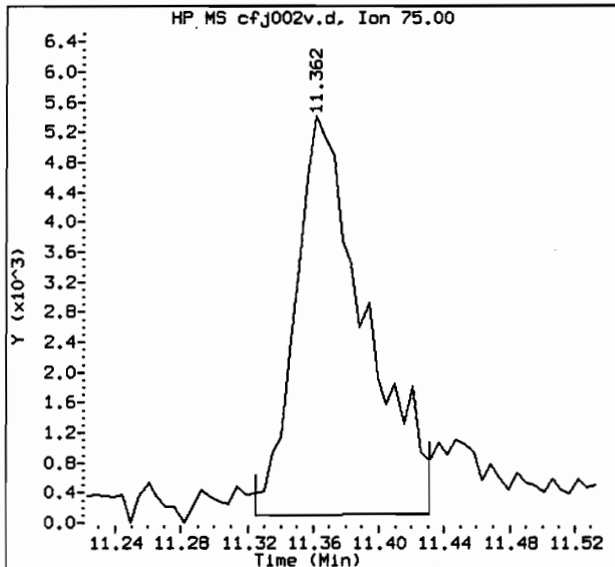


Original Integrations:

Area = 15824

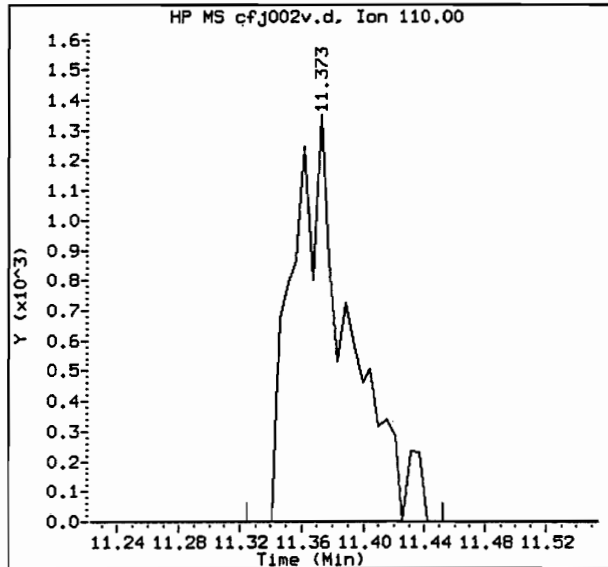


Area = 1403



Final Integrations:

Area = 15824



Area = 3462

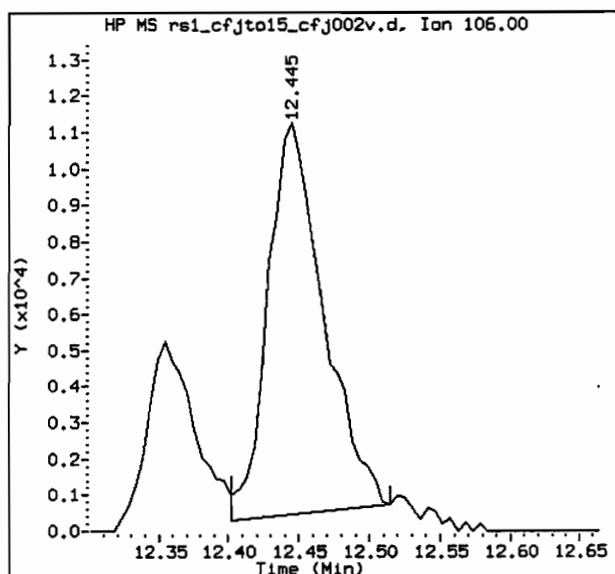
Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: cfj002v.d
Client Sample ID: astd002
Compound Name: Xylene (m,p)

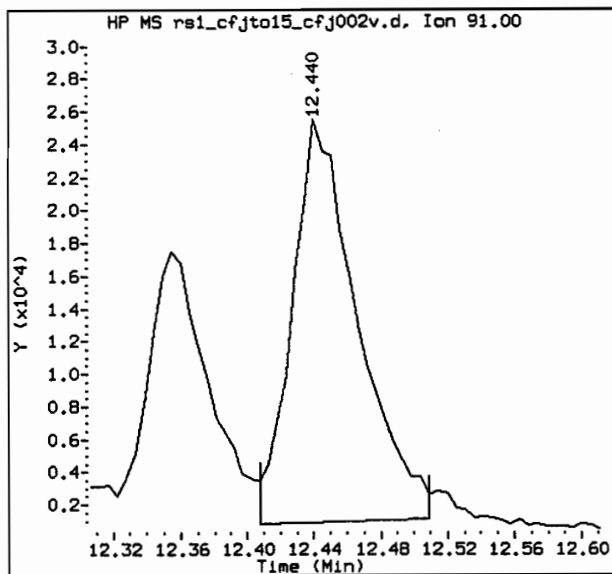
Inj. Date and Time: 12-APR-2007 13:22
Instrument ID: C.i
CAS #: 1330-20-7

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2007 18:09

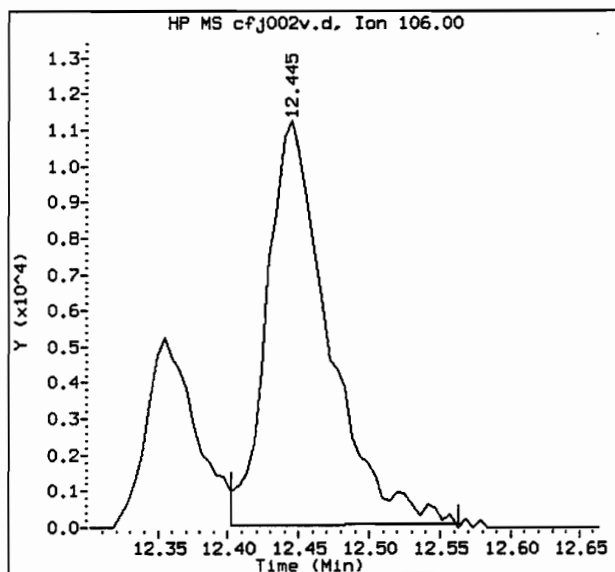


Original Integrations:

Area = 29704

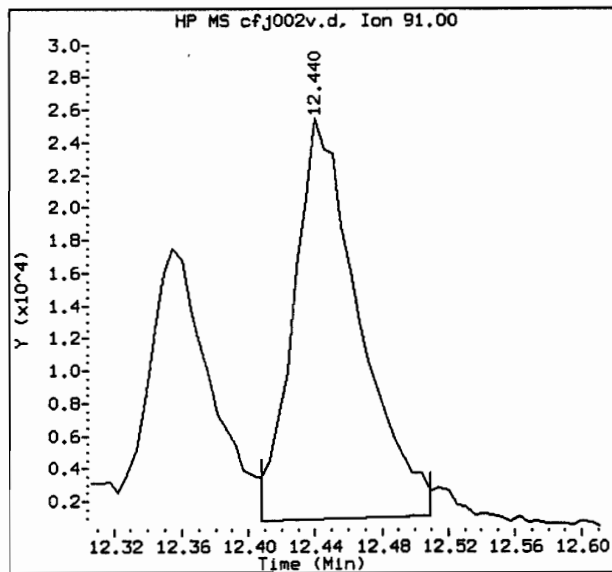


Area = 67342



Final Integrations:

Area = 34040

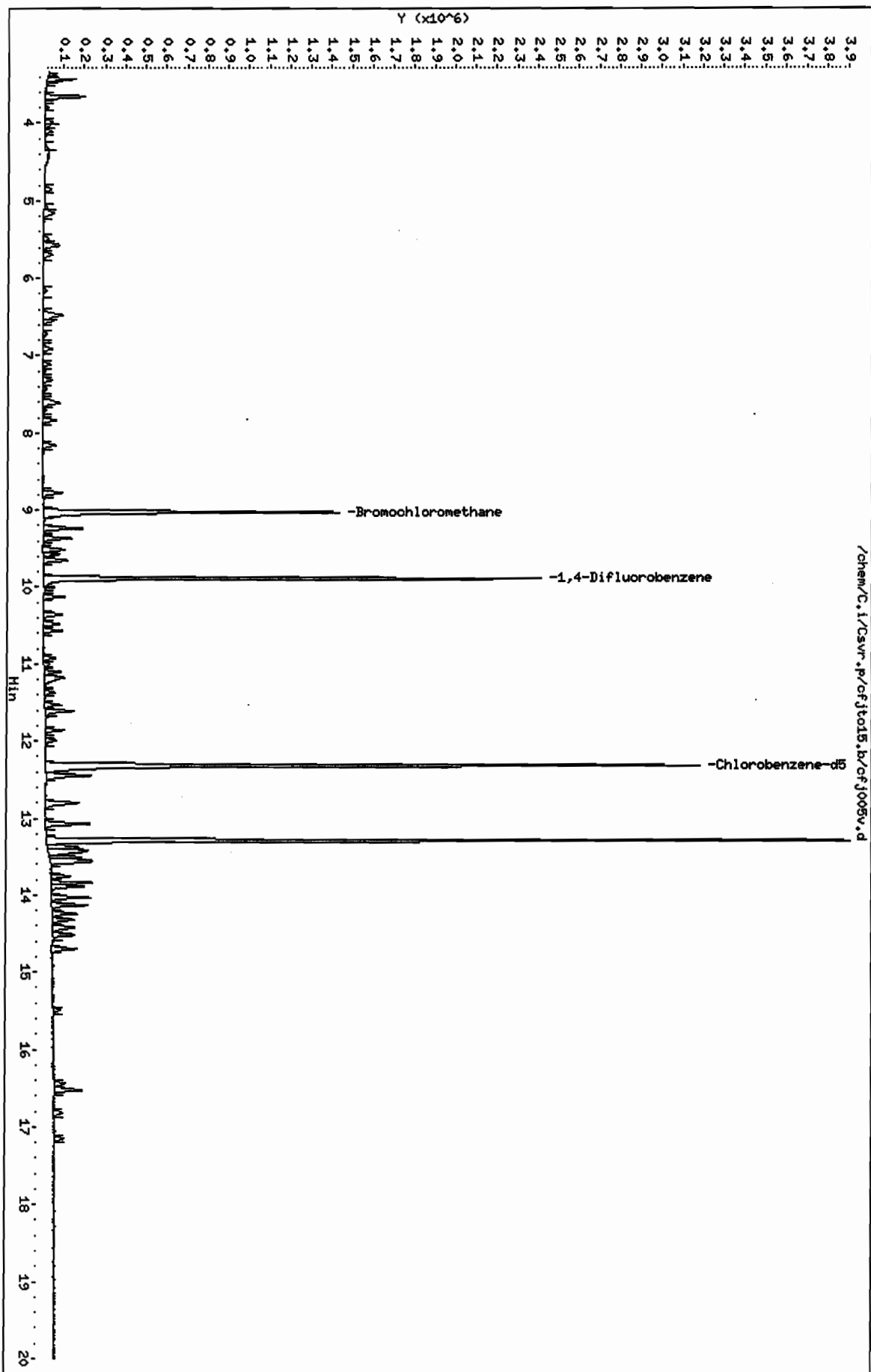


Area = 67342

Manual Integration Reason: Unknown

Data File: /chem/C.1/Csvr.p/cfjto15.b/cfj005v.d
Date: 12-APR-2007 14:05
Client ID: ast0005
Sample Info:
Purge Volume: 200.0
Column Phase: RTX-624

Instrument: C.1
Operator: HTP
Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj005v.d
Lab Smp Id: astd005 Client Smp ID: astd005
Inj Date : 12-APR-2007 14:05
Operator : MTP Inst ID: C.i
Smp Info :
Misc Info : astd005;041207CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
Meth Date : 14-Apr-2007 18:10 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 14:05 Cal File: cfj005v.d
Als bottle: 3 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	3.426	3.421	(0.380)	144650		0.50000	0.50
168 Freon 22	51	3.463	3.458	(0.384)	56581		0.50000	0.50
2 1,2-Dichlorotetrafluoroethane	85	3.655	3.650	(0.405)	126150		0.50000	0.50
3 Chloromethane	50	3.794	3.789	(0.420)	23552		0.50000	0.50
4 Vinyl Chloride	62	4.029	4.024	(0.446)	32030		0.50000	0.49
5 1,3-Butadiene	54	4.109	4.098	(0.455)	22558		0.50000	0.50 (M)
6 Bromomethane	94	4.851	4.840	(0.538)	30755		0.50000	0.50
7 Chloroethane	64	5.085	5.075	(0.564)	14740		0.50000	0.50
8 Bromoethene	106	5.486	5.475	(0.608)	26587		0.50000	0.52
9 Trichlorofluoromethane	101	5.571	5.566	(0.617)	112955		0.50000	0.50
10 Freon TF	101	6.473	6.463	(0.717)	59520		0.50000	0.50
11 1,1-Dichloroethene	96	6.542	6.537	(0.725)	24603		0.50000	0.49
14 Carbon Disulfide	76	6.916	6.906	(0.766)	73031		0.50000	0.50
15 3-Chloropropene	41	7.113	7.103	(0.788)	29137		0.50000	0.50
16 Methylene Chloride	49	7.311	7.306	(0.810)	33416		0.50000	0.50
17 tert-Butyl Alcohol	59	Compound Not Detected.						

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
18 Methyl tert-Butyl Ether	73	7.594	7.562	(0.842)	73011	0.50000	0.50
19 trans-1,2-Dichloroethene	61	7.615	7.610	(0.844)	41365	0.50000	0.50
20 n-Hexane	57	7.834	7.829	(0.868)	38257	0.50000	0.50
21 1,1-Dichloroethane	63	8.154	8.149	(0.904)	47091	0.50000	0.49
M 22 1,2-Dichloroethene (total)	61				67670	1.00000	0.99
23 Methyl Ethyl Ketone	72	8.784	8.768	(0.973)	8792	0.50000	0.50 (Q)
24 cis-1,2-Dichloroethene	96	8.779	8.768	(0.973)	26305	0.50000	0.49
* 25 Bromochloromethane	128	9.024	9.024	(1.000)	384516	10.0000	
27 Chloroform	83	9.056	9.056	(1.004)	67030	0.50000	0.50
28 1,1,1-Trichloroethane	97	9.232	9.232	(0.934)	85967	0.50000	0.50
29 Cyclohexane	84	9.243	9.232	(0.935)	41920	0.50000	0.52
30 Carbon Tetrachloride	117	9.366	9.361	(0.947)	100088	0.50000	0.51
31 2,2,4-Trimethylpentane	57	9.510	9.510	(0.962)	114944	0.50000	0.52
32 Benzene	78	9.579	9.569	(0.969)	74168	0.50000	0.49
34 n-Heptane	43	9.654	9.649	(0.976)	40604	0.50000	0.52
33 1,2-Dichloroethane	62	9.638	9.633	(0.975)	45633	0.50000	0.51
* 35 1,4-Difluorobenzene	114	9.889	9.884	(1.000)	1935163	10.0000	
36 Trichloroethene	95	10.123	10.124	(1.024)	39425	0.50000	0.51
37 Methyl Methacrylate	69	10.348	10.337	(1.046)	15572	0.50000	0.50 (Q)
38 1,2-Dichloropropane	63	10.364	10.353	(1.048)	26212	0.50000	0.53 (Q)
40 Bromodichloromethane	83	10.566	10.561	(1.069)	65951	0.50000	0.52
41 cis-1,3-Dichloropropene	75	10.924	10.919	(1.105)	42048	0.50000	0.51
42 Methyl Isobutyl Ketone	43	10.999	10.988	(1.112)	25878	0.50000	0.50
43 Toluene	92	11.175	11.170	(0.908)	50725	0.50000	0.54
44 trans-1,3-Dichloropropene	75	11.367	11.362	(1.149)	47947	0.50000	0.54
45 1,1,2-Trichloroethane	83	11.532	11.527	(0.937)	24874	0.50000	0.51
46 Tetrachloroethene	166	11.612	11.607	(0.943)	38866	0.50000	0.51
47 Methyl Butyl Ketone	43	11.661	11.645	(0.947)	21511	0.50000	0.50 (M)
48 Dibromochloromethane	129	11.863	11.858	(0.964)	54223	0.50000	0.52
49 1,2-Dibromoethane	107	11.997	11.992	(0.974)	43052	0.50000	0.52
* 50 Chlorobenzene-d5	117	12.312	12.312	(1.000)	1851476	10.0000	
51 Chlorobenzene	112	12.338	12.338	(1.002)	73195	0.50000	0.52 (Q)
52 Ethylbenzene	91	12.360	12.349	(1.004)	120198	0.50000	0.52
M 55 Xylene (total)	106				131002	0.50000	1.5
53 Xylene (m,p)	106	12.445	12.440	(1.011)	86715	1.00000	1.00 (Q)
54 Xylene (o)	106	12.797	12.792	(1.039)	44287	0.50000	0.49 (Q)
56 Styrene	104	12.813	12.803	(1.041)	54484	0.50000	0.52
57 Bromoform	173	13.059	13.059	(1.061)	39448	0.50000	0.52
58 1,1,2,2-Tetrachloroethane	83	13.368	13.369	(1.086)	66000	0.50000	0.51
59 4-Ethyltoluene	105	13.507	13.502	(1.097)	108093	0.50000	0.53
60 1,3,5-Trimethylbenzene	105	13.544	13.545	(1.100)	141976	0.50000	0.51
61 2-Chlorotoluene	91	13.576	13.571	(1.103)	119557	0.50000	0.50
62 1,2,4-Trimethylbenzene	105	13.891	13.886	(1.128)	109043	0.50000	0.51
63 1,3-Dichlorobenzene	146	14.244	14.238	(1.157)	56807	0.50000	0.51
64 1,4-Dichlorobenzene	146	14.324	14.318	(1.163)	50616	0.50000	0.48
65 1,2-Dichlorobenzene	146	14.703	14.697	(1.194)	60553	0.50000	0.49
66 1,2,4-Trichlorobenzene	180	16.442	16.437	(1.336)	22310	0.50000	0.50

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--		-----	-----	-----	-----	-----
67 Hexachlorobutadiene	225		16.528	16.528	(1.342)	28255	0.50000	0.49
68 Naphthalene	128		16.821	16.811	(1.366)	55726	0.50000	0.50

QC Flag Legend

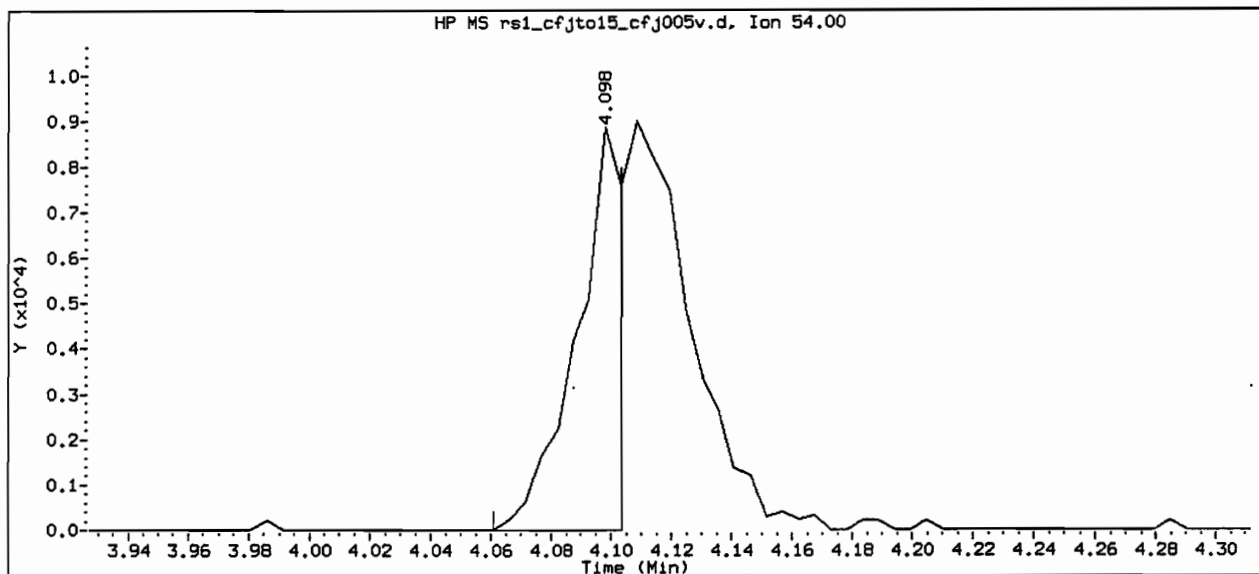
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

MANUAL INTEGRATION REPORT

Data File Name: cfj005v.d
Client Sample ID: astd005
Compound Name: 1,3-Butadiene

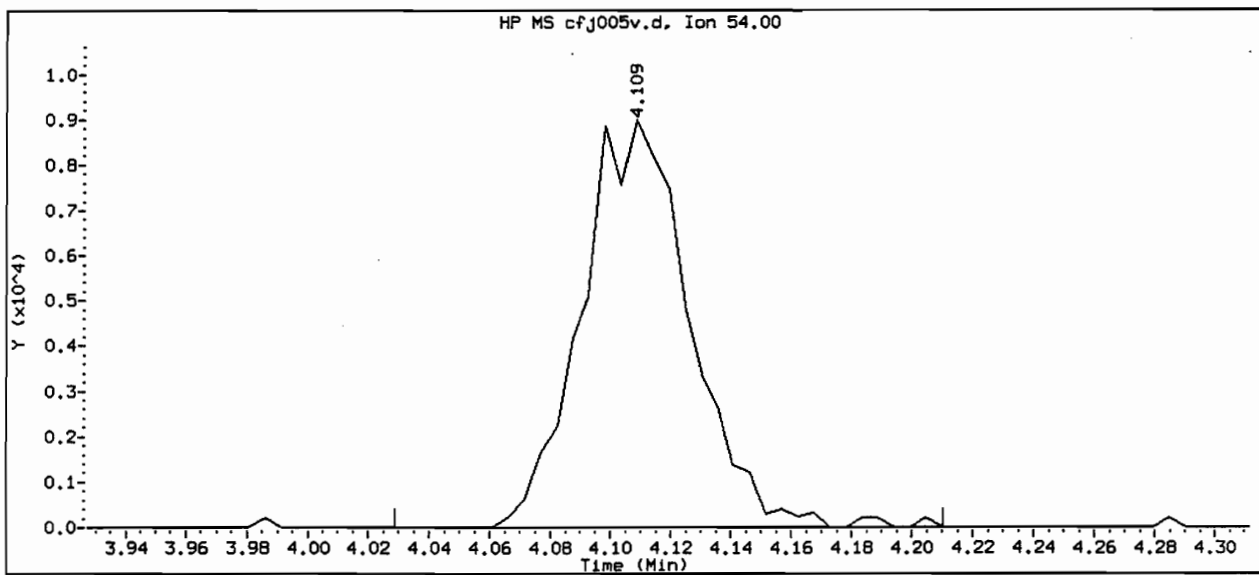
Inj. Date and Time: 12-APR-2007 14:05
Instrument ID: C.i
CAS #: 106-99-0

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/14/2007 18:10



Original Integration:

Area = 9734



Final Integration:

Area = 22558

Manual Integration Reason: Unknown

MANUAL INTEGRATION REPORT

Data File Name: cfj005v.d

Inj. Date and Time: 12-APR-2007 14:05

Target Version: Target 3.50

Client Sample ID: astd005

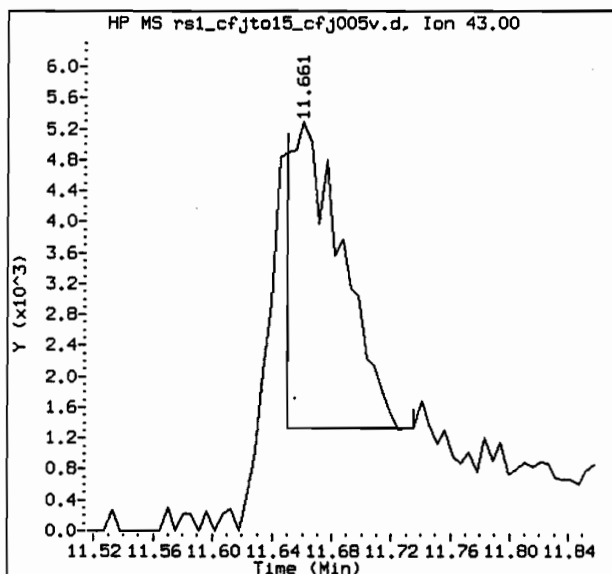
Instrument ID: C.i

Report Version: 1.1

Compound Name: Methyl Butyl Ketone

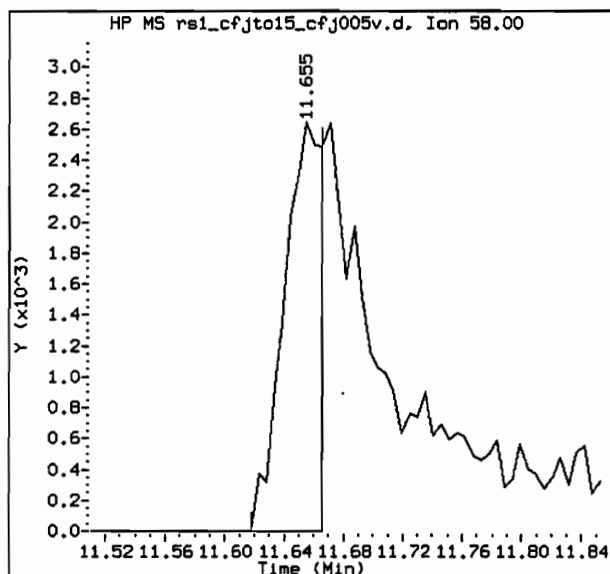
CAS #: 591-78-6

Report Date: 04/14/2007 18:10

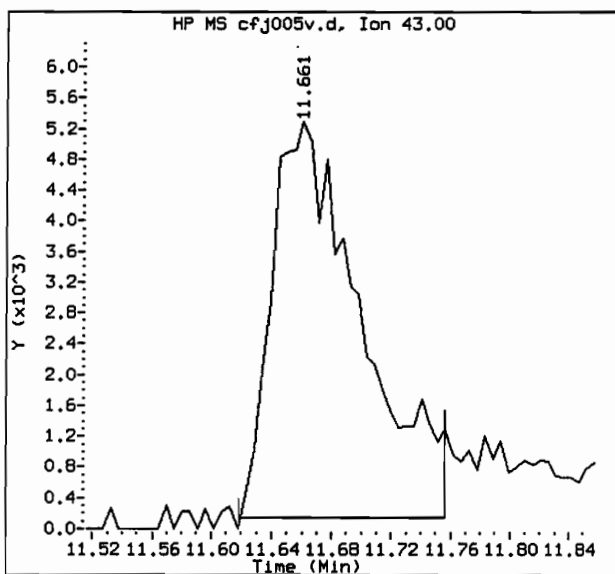


Original Integrations:

Area = 10121



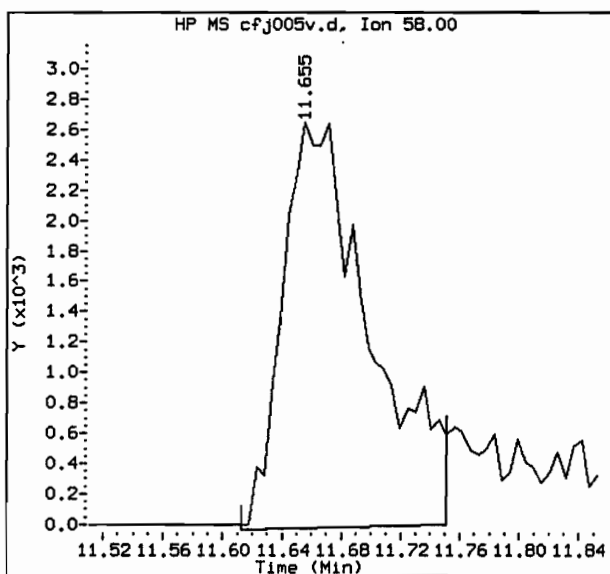
Area = 4788



Final Integrations:

Area = 21511

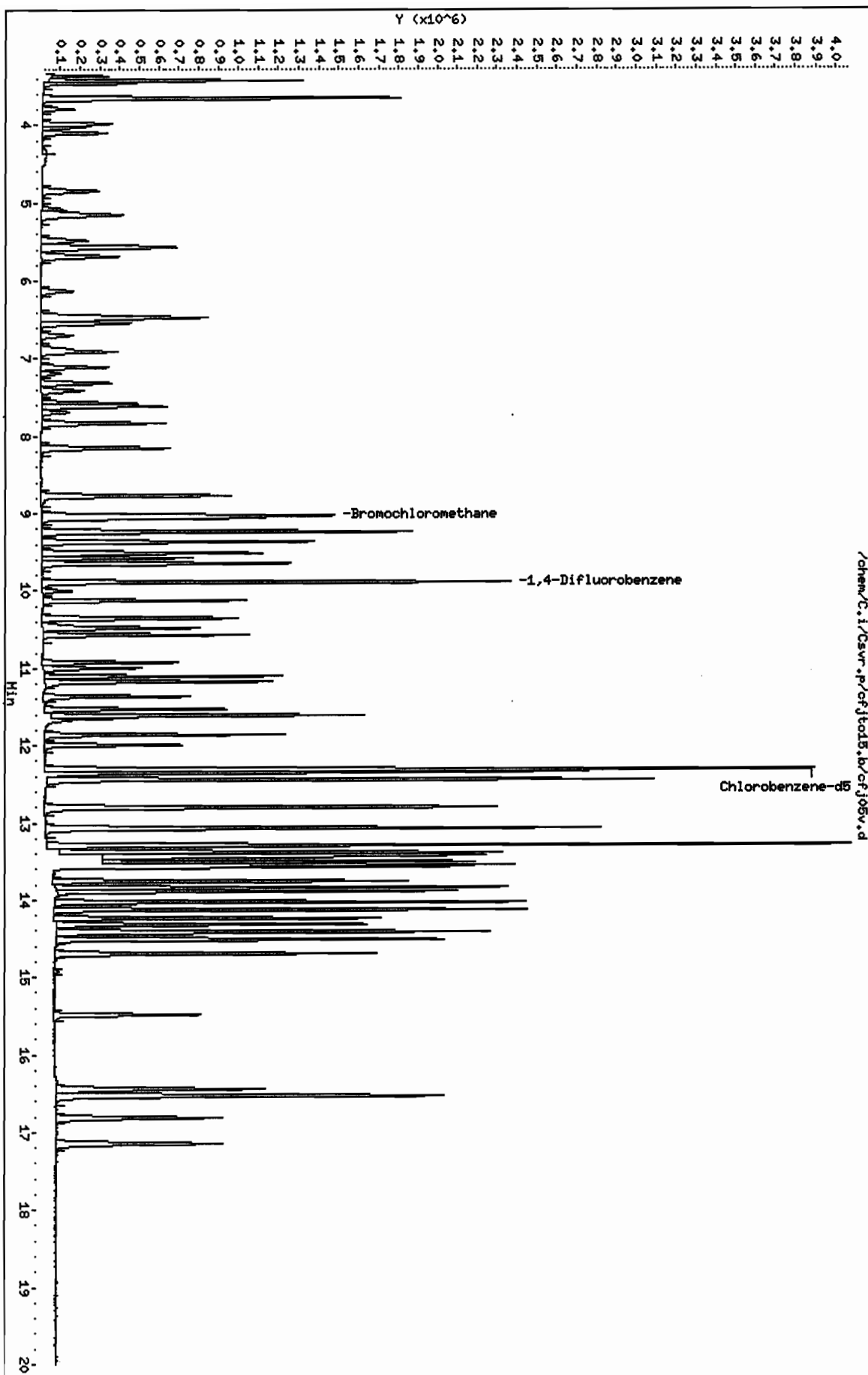
Manual Integration Reason: Unknown



Area = 11022

Data File: /chem/C.i/Csvr.p/cfjtd15.b/cfj05v.d
Date: 12-APR-2007 14:48
Client ID: ast005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: MTP
Column diameter: 0.32



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AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj05v.d
 Lab Smp Id: astd05 Client Smp ID: astd05
 Inj Date : 12-APR-2007 14:48
 Operator : MTP Inst ID: C.i
 Smp Info :
 Misc Info : astd05;041207CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
 Meth Date : 14-Apr-2007 18:10 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 14:48 Cal File: cfj05v.d
 Als bottle: 4 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.420	3.421	(0.379)	1293296	5.00000	4.8
168 Freon 22	51	3.458	3.458	(0.383)	495124	5.00000	4.8
2 1,2-Dichlorotetrafluoroethane	85	3.650	3.650	(0.405)	1143977	5.00000	4.8
3 Chloromethane	50	3.789	3.789	(0.420)	205420	5.00000	4.8
4 Vinyl Chloride	62	4.023	4.024	(0.446)	288115	5.00000	4.7
5 1,3-Butadiene	54	4.098	4.098	(0.454)	193878	5.00000	4.7
6 Bromomethane	94	4.840	4.840	(0.537)	269417	5.00000	4.7
7 Chloroethane	64	5.075	5.075	(0.563)	130896	5.00000	4.8
8 Bromoethene	106	5.480	5.475	(0.608)	233900	5.00000	4.8
9 Trichlorofluoromethane	101	5.566	5.566	(0.617)	1017732	5.00000	4.8
10 Freon TF	101	6.462	6.463	(0.717)	543718	5.00000	4.8
11 1,1-Dichloroethene	96	6.537	6.537	(0.725)	223479	5.00000	4.8
12 Acetone	43	6.692	6.687	(0.742)	298528	5.00000	5.0
13 Isopropyl Alcohol	45	6.863	6.857	(0.761)	218346	5.00000	5.0
14 Carbon Disulfide	76	6.905	6.906	(0.766)	661605	5.00000	4.9

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
15 3-Chloropropene	41	7.103	7.103	(0.788)	256154	5.00000	4.8
16 Methylene Chloride	49	7.306	7.306	(0.810)	259750	5.00000	4.5
17 tert-Butyl Alcohol	59	7.402	7.402	(0.821)	355639	5.00000	5.0
18 Methyl tert-Butyl Ether	73	7.567	7.562	(0.839)	697340	5.00000	5.0
19 trans-1,2-Dichloroethene	61	7.610	7.610	(0.844)	376946	5.00000	4.8
20 n-Hexane	57	7.829	7.829	(0.868)	349492	5.00000	4.9
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	439134	5.00000	4.9
M 22 1,2-Dichloroethene (total)	61				623221	10.0000	9.7
23 Methyl Ethyl Ketone	72	8.768	8.768	(0.972)	89412	5.00000	5.1 (Q)
24 cis-1,2-Dichloroethene	96	8.773	8.768	(0.973)	246275	5.00000	4.8
26 Tetrahydrofuran	42	9.040	9.040	(0.915)	216818	5.00000	5.0
* 25 Bromochloromethane	128	9.019	9.024	(1.000)	368621	10.0000	
27 Chloroform	83	9.056	9.056	(1.004)	619796	5.00000	4.9
28 1,1,1-Trichloroethane	97	9.232	9.232	(0.934)	808835	5.00000	5.1
29 Cyclohexane	84	9.238	9.232	(0.935)	375918	5.00000	5.0
30 Carbon Tetrachloride	117	9.360	9.361	(0.947)	949813	5.00000	5.1
31 2,2,4-Trimethylpentane	57	9.504	9.510	(0.962)	1102290	5.00000	5.2
32 Benzene	78	9.568	9.569	(0.968)	677561	5.00000	4.9
34 n-Heptane	43	9.649	9.649	(0.976)	393581	5.00000	5.3
33 1,2-Dichloroethane	62	9.632	9.633	(0.975)	434375	5.00000	5.1
* 35 1,4-Difluorobenzene	114	9.883	9.884	(1.000)	1800856	10.0000	
36 Trichloroethene	95	10.123	10.124	(1.024)	354831	5.00000	5.0
37 Methyl Methacrylate	69	10.337	10.337	(1.046)	201467	5.00000	5.8 (Q)
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	237318	5.00000	5.1
39 1,4-Dioxane	88	10.438	10.433	(1.056)	89951	5.00000	5.0
40 Bromodichloromethane	83	10.561	10.561	(1.069)	666083	5.00000	5.4
41 cis-1,3-Dichloropropene	75	10.919	10.919	(1.105)	411028	5.00000	5.2
42 Methyl Isobutyl Ketone	43	10.993	10.988	(1.112)	362728	5.00000	6.0
43 Toluene	92	11.170	11.170	(0.907)	504385	5.00000	5.3
44 trans-1,3-Dichloropropene	75	11.362	11.362	(1.150)	458342	5.00000	5.4
45 1,1,2-Trichloroethane	83	11.527	11.527	(0.936)	244388	5.00000	5.1
46 Tetrachloroethene	166	11.607	11.607	(0.943)	386213	5.00000	5.1
47 Methyl Butyl Ketone	43	11.645	11.645	(0.946)	344427	5.00000	6.2
48 Dibromochloromethane	129	11.858	11.858	(0.963)	643122	5.00000	5.7
49 1,2-Dibromoethane	107	11.991	11.992	(0.974)	475902	5.00000	5.5
* 50 Chlorobenzene-d5	117	12.312	12.312	(1.000)	1841730	10.0000	
51 Chlorobenzene	112	12.338	12.338	(1.002)	755828	5.00000	5.2
52 Ethylbenzene	91	12.354	12.349	(1.003)	1252083	5.00000	5.3
M 55 Xylene (total)	106				1415883	5.00000	16
53 Xylene (m,p)	106	12.440	12.440	(1.010)	946486	10.0000	11 (Q)
54 Xylene (o)	106	12.792	12.792	(1.039)	469397	5.00000	5.2 (Q)
56 Styrene	104	12.808	12.803	(1.040)	674248	5.00000	5.9
57 Bromoform	173	13.059	13.059	(1.061)	536748	5.00000	6.2
58 1,1,2,2-Tetrachloroethane	83	13.368	13.369	(1.086)	703729	5.00000	5.3
59 4-Ethyltoluene	105	13.502	13.502	(1.097)	1535771	5.00000	6.4
60 1,3,5-Trimethylbenzene	105	13.539	13.545	(1.100)	1370574	5.00000	5.0
61 2-Chlorotoluene	91	13.566	13.571	(1.102)	1286288	5.00000	5.3

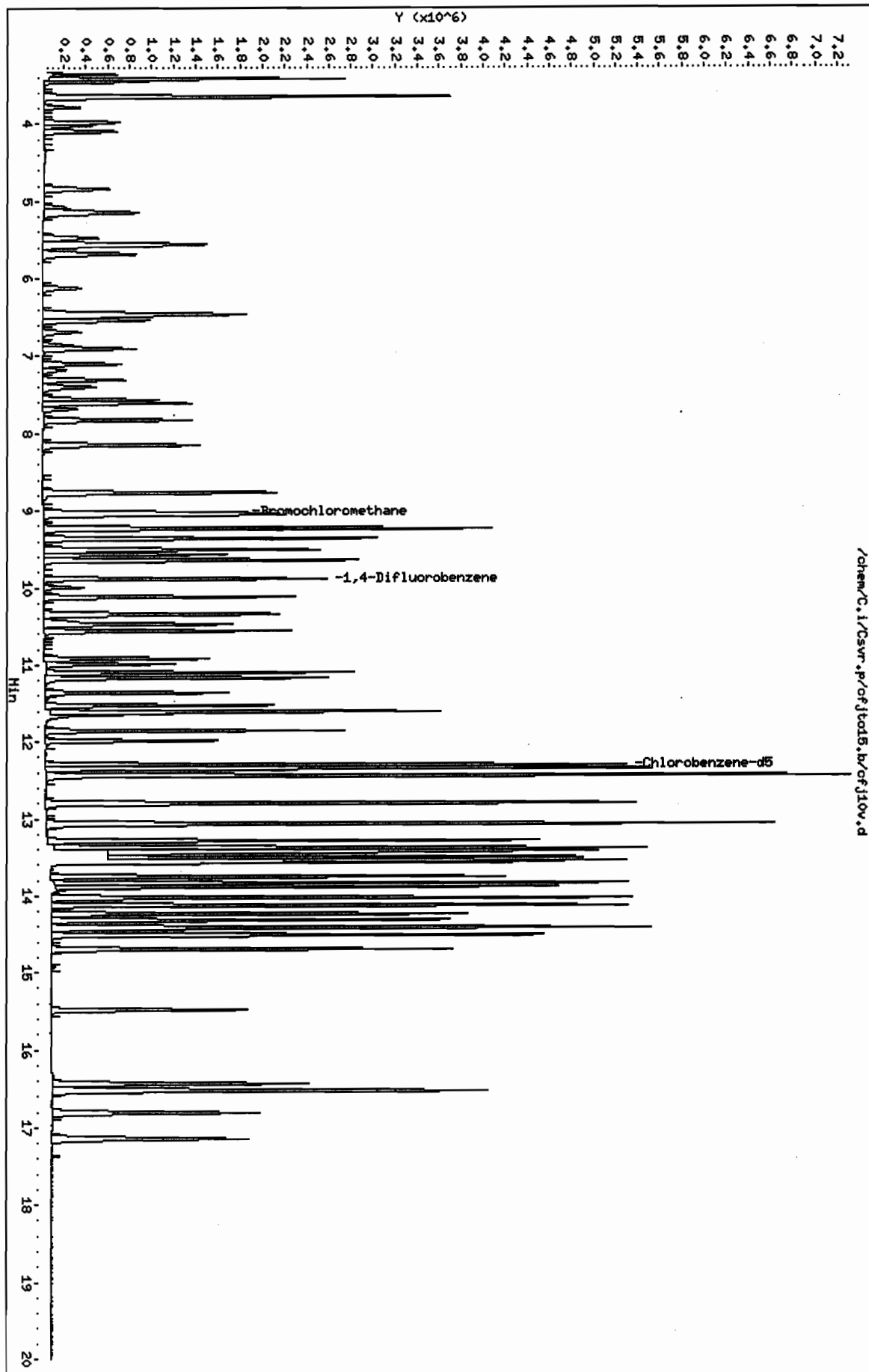
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
62 1,2,4-Trimethylbenzene	105	13.886	13.886	(1.128)	1317600	5.00000	5.7
63 1,3-Dichlorobenzene	146	14.238	14.238	(1.156)	717775	5.00000	5.9
64 1,4-Dichlorobenzene	146	14.318	14.318	(1.163)	688399	5.00000	6.0
65 1,2-Dichlorobenzene	146	14.697	14.697	(1.194)	739531	5.00000	5.6
66 1,2,4-Trichlorobenzene	180	16.437	16.437	(1.335)	395816	5.00000	6.4
67 Hexachlorobutadiene	225	16.528	16.528	(1.342)	393337	5.00000	6.1
68 Naphthalene	128	16.811	16.811	(1.365)	1040269	5.00000	6.5

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Csvr.p/ofjtd5.b/ofj10v.d
Date: 12-APR-2007 15:32
Client ID: astdl0
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.1
Operator: MTP
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj10v.d
 Lab Smp Id: astd10 Client Smp ID: astd10
 Inj Date : 12-APR-2007 15:32
 Operator : MTP Inst ID: C.i
 Smp Info :
 Misc Info : astd10;041207CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
 Meth Date : 14-Apr-2007 18:10 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 15:32 Cal File: cfj10v.d
 Als bottle: 5 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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
							(ppbv)	(ppbv)
-----	----	--	-----	-----	-----	-----	-----	
1 Dichlorodifluoromethane	85	3.420	3.420	(0.379)	2658133	10.0000	9.3	
168 Freon 22	51	3.458	3.458	(0.383)	1013487	10.0000	9.2	
2 1,2-Dichlorotetrafluoroethane	85	3.644	3.644	(0.404)	2384675	10.0000	9.3	
3 Chloromethane	50	3.783	3.783	(0.419)	420426	10.0000	9.1	
4 Vinyl Chloride	62	4.018	4.018	(0.446)	593264	10.0000	9.0	
5 1,3-Butadiene	54	4.093	4.093	(0.454)	408932	10.0000	9.3	
6 Bromomethane	94	4.840	4.840	(0.537)	580498	10.0000	9.4	
7 Chloroethane	64	5.075	5.075	(0.563)	278590	10.0000	9.5	
8 Bromoethene	106	5.475	5.475	(0.607)	508721	10.0000	9.6	
9 Trichlorofluoromethane	101	5.560	5.560	(0.617)	2188735	10.0000	9.5	
10 Freon TF	101	6.462	6.462	(0.717)	1173183	10.0000	9.5	
11 1,1-Dichloroethene	96	6.537	6.537	(0.725)	480548	10.0000	9.4	
12 Acetone	43	6.686	6.686	(0.741)	633711	10.0000	9.8	
13 Isopropyl Alcohol	45	6.857	6.857	(0.760)	477434	10.0000	9.9	
14 Carbon Disulfide	76	6.900	6.900	(0.765)	1448627	10.0000	9.7	

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
15 3-Chloropropene	41	7.103	7.103	(0.788)	546505	10.0000	9.4
16 Methylene Chloride	49	7.306	7.306	(0.810)	545070	10.0000	8.9
17 tert-Butyl Alcohol	59	7.396	7.396	(0.820)	797848	10.0000	10
18 Methyl tert-Butyl Ether	73	7.562	7.562	(0.838)	1505442	10.0000	9.8
19 trans-1,2-Dichloroethene	61	7.604	7.604	(0.843)	810366	10.0000	9.5
20 n-Hexane	57	7.823	7.823	(0.867)	749541	10.0000	9.6
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	939175	10.0000	9.5
M 22 1,2-Dichloroethene (total)	61				1339723	20.0000	19
23 Methyl Ethyl Ketone	72	8.768	8.768	(0.972)	201599	10.0000	10 (Q)
24 cis-1,2-Dichloroethene	96	8.768	8.768	(0.972)	529357	10.0000	9.5
26 Tetrahydrofuran	42	9.040	9.040	(0.915)	473992	10.0000	10
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	409724	10.0000	(Q)
27 Chloroform	83	9.051	9.051	(1.004)	1313233	10.0000	9.4
28 1,1,1-Trichloroethane	97	9.227	9.227	(0.934)	1760888	10.0000	10
29 Cyclohexane	84	9.232	9.232	(0.934)	836852	10.0000	10
30 Carbon Tetrachloride	117	9.360	9.360	(0.947)	2082044	10.0000	10
31 2,2,4-Trimethylpentane	57	9.504	9.504	(0.962)	2426520	10.0000	10
32 Benzene	78	9.568	9.568	(0.968)	1446169	10.0000	9.6
34 n-Heptane	43	9.643	9.643	(0.976)	861596	10.0000	10
33 1,2-Dichloroethane	62	9.632	9.632	(0.975)	919815	10.0000	9.9
* 35 1,4-Difluorobenzene	114	9.883	9.883	(1.000)	1977302	10.0000	
36 Trichloroethene	95	10.118	10.118	(1.024)	768266	10.0000	9.9
37 Methyl Methacrylate	69	10.332	10.332	(1.045)	462186	10.0000	11
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	520042	10.0000	10
39 1,4-Dioxane	88	10.433	10.433	(1.056)	188126	10.0000	9.8
40 Bromodichloromethane	83	10.561	10.561	(1.069)	1453621	10.0000	11
41 cis-1,3-Dichloropropene	75	10.919	10.919	(1.105)	882786	10.0000	10
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	823890	10.0000	12
43 Toluene	92	11.164	11.164	(0.907)	1095501	10.0000	10
44 trans-1,3-Dichloropropene	75	11.356	11.356	(1.149)	995687	10.0000	10
45 1,1,2-Trichloroethane	83	11.522	11.522	(0.936)	528837	10.0000	9.8
46 Tetrachloroethene	166	11.607	11.607	(0.943)	879304	10.0000	10
47 Methyl Butyl Ketone	43	11.639	11.639	(0.946)	799439	10.0000	12
48 Dibromochloromethane	129	11.858	11.858	(0.964)	1455231	10.0000	11
49 1,2-Dibromoethane	107	11.986	11.986	(0.974)	1027938	10.0000	10
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)	2071964	10.0000	
51 Chlorobenzene	112	12.333	12.333	(1.002)	1659466	10.0000	10
52 Ethylbenzene	91	12.349	12.349	(1.003)	2794986	10.0000	10
M 55 Xylene (total)	106				3220211	10.0000	31
53 Xylene (m,p)	106	12.434	12.434	(1.010)	2159022	20.0000	21 (Q)
54 Xylene (o)	106	12.792	12.792	(1.039)	1061189	10.0000	10 (Q)
56 Styrene	104	12.803	12.803	(1.040)	1559432	10.0000	12
57 Bromoform	173	13.053	13.053	(1.061)	1308130	10.0000	12
58 1,1,2,2-Tetrachloroethane	83	13.368	13.368	(1.086)	1534278	10.0000	10
59 4-Ethyltoluene	105	13.502	13.502	(1.097)	3310752	10.0000	12
60 1,3,5-Trimethylbenzene	105	13.539	13.539	(1.100)	3226711	10.0000	10
61 2-Chlorotoluene	91	13.566	13.566	(1.102)	2851608	10.0000	10

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
62 1,2,4-Trimethylbenzene	105	13.881	13.881	(1.128)	2925653	10.0000	11
63 1,3-Dichlorobenzene	146	14.233	14.233	(1.157)	1621899	10.0000	11
64 1,4-Dichlorobenzene	146	14.313	14.313	(1.163)	1554455	10.0000	11
65 1,2-Dichlorobenzene	146	14.692	14.692	(1.194)	1616481	10.0000	11
66 1,2,4-Trichlorobenzene	180	16.437	16.437	(1.336)	882082	10.0000	12
67 Hexachlorobutadiene	225	16.528	16.528	(1.343)	796417	10.0000	11
68 Naphthalene	128	16.811	16.811	(1.366)	2268278	10.0000	12

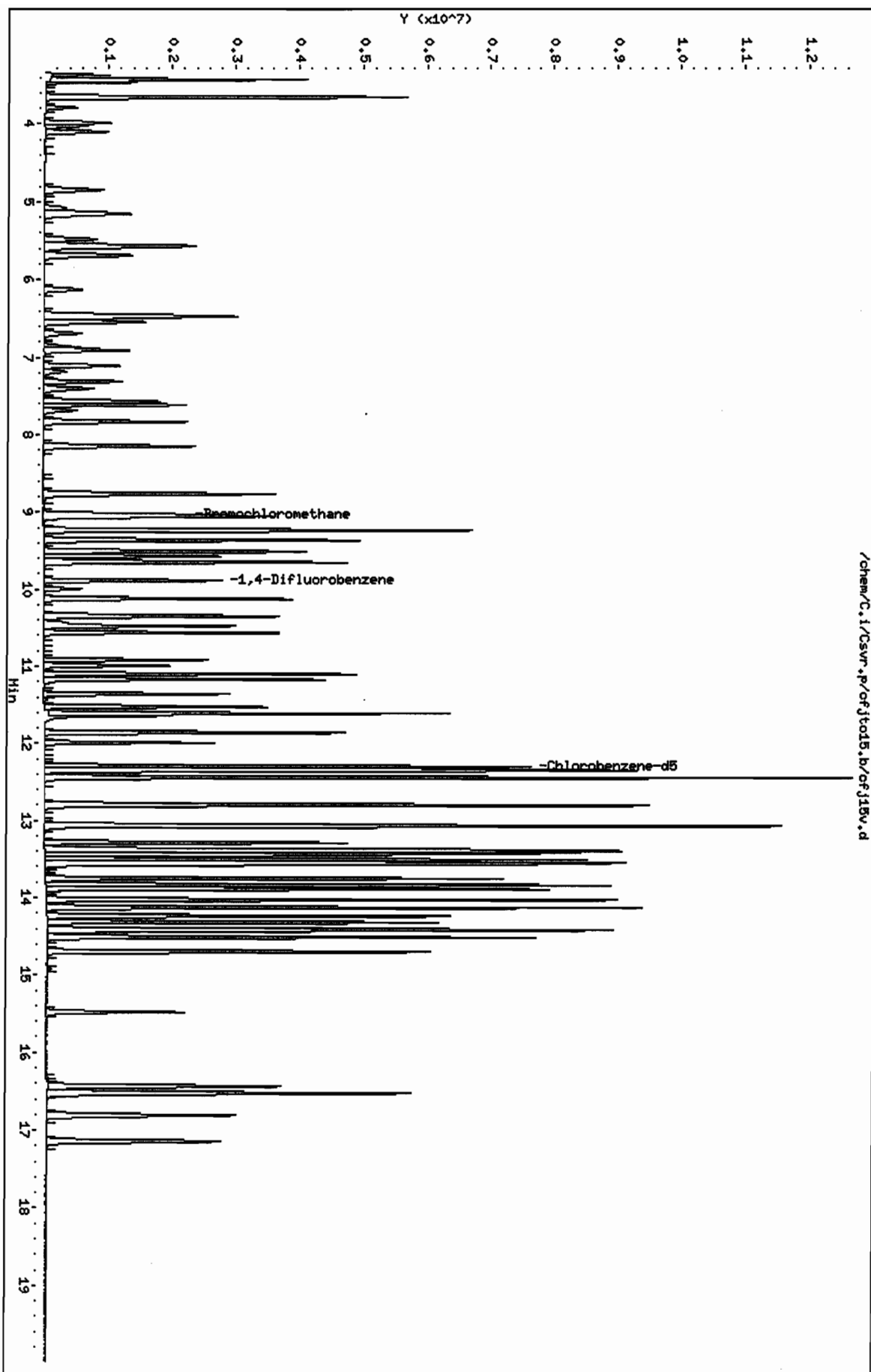
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/ofjtd15.b/ofj15v.d
Date : 12-APR-2007 16:15
Client ID: asdd15
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: HTP
Column diameter: 0.32

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Data File: /chem/C.i/Csvr.p/cfjto15.b/cfj15v.d
 Report Date: 14-Apr-2007 18:10

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj15v.d
 Lab Smp Id: astd15 Client Smp ID: astd15
 Inj Date : 12-APR-2007 16:15
 Operator : MTP Inst ID: C.i
 Smp Info :
 Misc Info : astd15;041207CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
 Meth Date : 14-Apr-2007 18:10 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 16:15 Cal File: cfj15v.d
 Als bottle: 7 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)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.426	3.420	(0.380)	4035676	15.0000	13
168 Freon 22	51	3.463	3.458	(0.384)	1533743	15.0000	13
2 1,2-Dichlorotetrafluoroethane	85	3.655	3.644	(0.405)	3623557	15.0000	13
3 Chloromethane	50	3.794	3.783	(0.420)	624089	15.0000	12
4 Vinyl Chloride	62	4.029	4.018	(0.446)	863900	15.0000	12
5 1,3-Butadiene	54	4.104	4.093	(0.455)	597317	15.0000	12
6 Bromomethane	94	4.845	4.840	(0.537)	893532	15.0000	13
7 Chloroethane	64	5.080	5.075	(0.563)	443489	15.0000	14
8 Bromoethene	106	5.481	5.475	(0.607)	823327	15.0000	14
9 Trichlorofluoromethane	101	5.571	5.560	(0.617)	3493254	15.0000	14
10 Freon TF	101	6.468	6.462	(0.717)	1914687	15.0000	14
11 1,1-Dichloroethene	96	6.543	6.537	(0.725)	782665	15.0000	14
12 Acetone	43	6.692	6.686	(0.742)	1047717	15.0000	15
13 Isopropyl Alcohol	45	6.857	6.857	(0.760)	775224	15.0000	15
14 Carbon Disulfide	76	6.911	6.900	(0.766)	2325797	15.0000	14

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
15 3-Chloropropene	41	7.108	7.103	(0.788)	910204	15.0000	14
16 Methylene Chloride	49	7.311	7.306	(0.810)	876402	15.0000	13
17 tert-Butyl Alcohol	59	7.402	7.396	(0.820)	1278779	15.0000	15
18 Methyl tert-Butyl Ether	73	7.567	7.562	(0.839)	2590293	15.0000	15
19 trans-1,2-Dichloroethene	61	7.610	7.604	(0.843)	1328823	15.0000	14
20 n-Hexane	57	7.829	7.823	(0.868)	1243974	15.0000	15
21 1,1-Dichloroethane	63	8.154	8.149	(0.904)	1564120	15.0000	14
M 22 1,2-Dichloroethene (total)	61				2220668	15.0000	29
23 Methyl Ethyl Ketone	72	8.768	8.768	(0.972)	356813	15.0000	17 (Q)
24 cis-1,2-Dichloroethene	96	8.773	8.768	(0.972)	891845	15.0000	15
26 Tetrahydrofuran	42	9.046	9.040	(0.915)	810634	15.0000	15
* 25 Bromochloromethane	128	9.024	9.019	(1.000)	449882	10.0000	(Q)
27 Chloroform	83	9.056	9.051	(1.004)	2171943	15.0000	14
28 1,1,1-Trichloroethane	97	9.232	9.227	(0.934)	2929182	15.0000	15
29 Cyclohexane	84	9.238	9.232	(0.934)	1374809	15.0000	15
30 Carbon Tetrachloride	117	9.366	9.360	(0.947)	3421360	15.0000	15
31 2,2,4-Trimethylpentane	57	9.510	9.504	(0.962)	4044815	15.0000	15
32 Benzene	78	9.574	9.568	(0.968)	2438969	15.0000	15
34 n-Heptane	43	9.649	9.643	(0.976)	1440731	15.0000	16
33 1,2-Dichloroethane	62	9.638	9.632	(0.975)	1541715	15.0000	15
* 35 1,4-Difluorobenzene	114	9.889	9.883	(1.000)	2201047	10.0000	
36 Trichloroethene	95	10.124	10.118	(1.024)	1285179	15.0000	15
37 Methyl Methacrylate	69	10.337	10.332	(1.045)	830924	15.0000	18
38 1,2-Dichloropropane	63	10.358	10.353	(1.047)	872009	15.0000	15
39 1,4-Dioxane	88	10.433	10.433	(1.055)	296258	15.0000	14
40 Bromodichloromethane	83	10.567	10.561	(1.069)	2423921	15.0000	16
41 cis-1,3-Dichloropropene	75	10.919	10.919	(1.104)	1480872	15.0000	15
42 Methyl Isobutyl Ketone	43	10.994	10.988	(1.112)	1339613	15.0000	17
43 Toluene	92	11.170	11.164	(0.907)	1863303	15.0000	15
44 trans-1,3-Dichloropropene	75	11.362	11.356	(1.149)	1679213	15.0000	16
45 1,1,2-Trichloroethane	83	11.527	11.522	(0.936)	887977	15.0000	14
46 Tetrachloroethene	166	11.607	11.607	(0.943)	1560438	15.0000	16
47 Methyl Butyl Ketone	43	11.645	11.639	(0.946)	1296696	15.0000	17
48 Dibromochloromethane	129	11.858	11.858	(0.963)	2499232	15.0000	17
49 1,2-Dibromoethane	107	11.992	11.986	(0.974)	1744478	15.0000	15
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	2356717	10.0000	
51 Chlorobenzene	112	12.338	12.333	(1.002)	2819431	15.0000	15
52 Ethylbenzene	91	12.354	12.349	(1.003)	4770241	15.0000	16
M 55 Xylene (total)	106				5577756	15.0000	48
53 Xylene (m,p)	106	12.440	12.434	(1.010)	3754696	30.0000	32 (Q)
54 Xylene (o)	106	12.792	12.792	(1.039)	1823060	15.0000	16 (Q)
56 Styrene	104	12.808	12.803	(1.040)	2718203	15.0000	18
57 Bromoform	173	13.059	13.053	(1.061)	2343285	15.0000	20
58 1,1,2,2-Tetrachloroethane	83	13.368	13.368	(1.086)	2582023	15.0000	15
59 4-Ethyltoluene	105	13.502	13.502	(1.097)	5824676	15.0000	18
60 1,3,5-Trimethylbenzene	105	13.545	13.539	(1.100)	5303815	15.0000	15
61 2-Chlorotoluene	91	13.571	13.566	(1.102)	4754818	15.0000	15

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
62 1,2,4-Trimethylbenzene	105	13.886	13.881	(1.128)	4935160	15.0000	16
63 1,3-Dichlorobenzene	146	14.238	14.233	(1.156)	2735333	15.0000	17
64 1,4-Dichlorobenzene	146	14.318	14.313	(1.163)	2629453	15.0000	17
65 1,2-Dichlorobenzene	146	14.697	14.692	(1.194)	2683713	15.0000	16
66 1,2,4-Trichlorobenzene	180	16.437	16.437	(1.335)	1408158	15.0000	16
67 Hexachlorobutadiene	225	16.528	16.528	(1.342)	1156155	15.0000	14
68 Naphthalene	128	16.811	16.811	(1.365)	3529881	15.0000	16

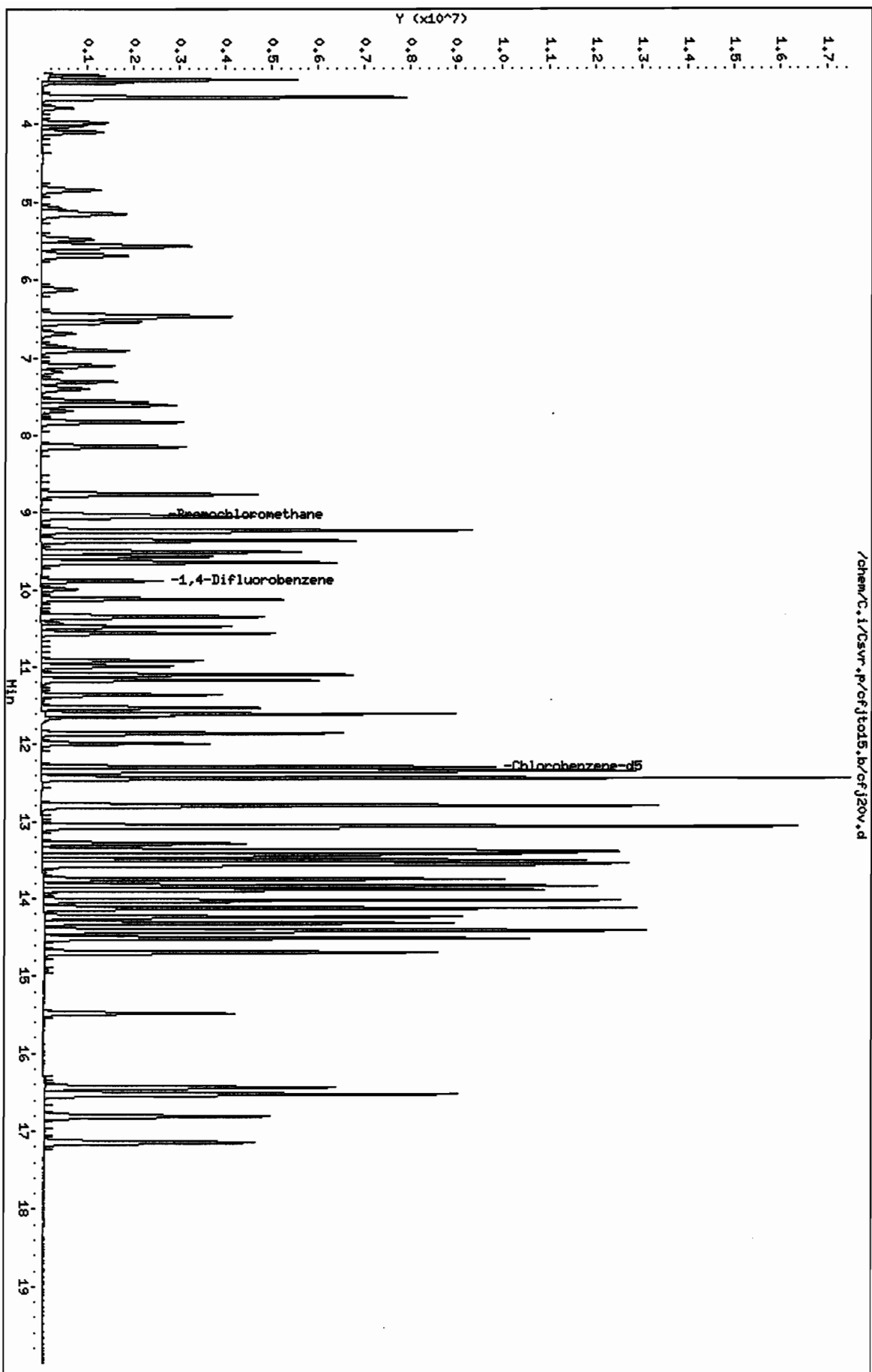
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/efjtd15.b/efj20v.d
Date : 12-APR-2007 16:59
Client ID: astd20
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: MTP
Column diameter: 0.32

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STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj20v.d
 Lab Smp Id: astd20 Client Smp ID: astd20
 Inj Date : 12-APR-2007 16:59
 Operator : MTP Inst ID: C.i
 Smp Info :
 Misc Info : astd20;041207CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
 Meth Date : 14-Apr-2007 18:10 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 16:59 Cal File: cfj20v.d
 Als bottle: 8 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					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)
-----	----	--	-----	-----	-----	-----	-----
1 Dichlorodifluoromethane	85	3.421	3.420	(0.379)	5514132	20.0000	19
168 Freon 22	51	3.458	3.458	(0.383)	2091503	20.0000	18
2 1,2-Dichlorotetrafluoroethane	85	3.650	3.644	(0.404)	4987903	20.0000	19
3 Chloromethane	50	3.789	3.783	(0.420)	854173	20.0000	18
4 Vinyl Chloride	62	4.024	4.018	(0.446)	1184874	20.0000	18
5 1,3-Butadiene	54	4.098	4.093	(0.454)	810358	20.0000	18
6 Bromomethane	94	4.840	4.840	(0.536)	1243645	20.0000	19
7 Chloroethane	64	5.075	5.075	(0.562)	587849	20.0000	19
8 Bromoethene	106	5.481	5.475	(0.607)	1133270	20.0000	20
9 Trichlorofluoromethane	101	5.566	5.560	(0.617)	4796428	20.0000	20
10 Freon TF	101	6.468	6.462	(0.717)	2592377	20.0000	20
11 1,1-Dichloroethene	96	6.537	6.537	(0.724)	1065958	20.0000	20
12 Acetone	43	6.687	6.686	(0.741)	1308986	20.0000	19
13 Isopropyl Alcohol	45	6.858	6.857	(0.760)	992734	20.0000	20
14 Carbon Disulfide	76	6.906	6.900	(0.765)	3240349	20.0000	20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
15 3-Chloropropene	41	7.103	7.103	(0.787)	1209055	20.0000	20
16 Methylene Chloride	49	7.306	7.306	(0.810)	1171004	20.0000	19
17 tert-Butyl Alcohol	59	7.397	7.396	(0.820)	1702884	20.0000	20
18 Methyl tert-Butyl Ether	73	7.562	7.562	(0.838)	3316598	20.0000	20
19 trans-1,2-Dichloroethene	61	7.610	7.604	(0.843)	1774430	20.0000	20
20 n-Hexane	57	7.829	7.823	(0.868)	1689546	20.0000	20
21 1,1-Dichloroethane	63	8.154	8.149	(0.904)	2091354	20.0000	20
M 22 1,2-Dichloroethene (total)	61				2970332	40.0000	40
23 Methyl Ethyl Ketone	72	8.768	8.768	(0.972)	449056	20.0000	21 (Q)
24 cis-1,2-Dichloroethene	96	8.773	8.768	(0.972)	1195902	20.0000	20
26 Tetrahydrofuran	42	9.040	9.040	(0.915)	1024979	20.0000	21
* 25 Bromochloromethane	128	9.024	9.019	(1.000)	434651	10.0000	(Q)
27 Chloroform	83	9.056	9.051	(1.004)	2923538	20.0000	20
28 1,1,1-Trichloroethane	97	9.232	9.227	(0.934)	4023553	20.0000	22
29 Cyclohexane	84	9.238	9.232	(0.935)	1881284	20.0000	22
30 Carbon Tetrachloride	117	9.361	9.360	(0.947)	4695708	20.0000	22
31 2,2,4-Trimethylpentane	57	9.510	9.504	(0.962)	5559265	20.0000	22
32 Benzene	78	9.569	9.568	(0.968)	3261021	20.0000	21
34 n-Heptane	43	9.649	9.643	(0.976)	1943720	20.0000	22
33 1,2-Dichloroethane	62	9.633	9.632	(0.975)	2047844	20.0000	21
* 35 1,4-Difluorobenzene	114	9.884	9.883	(1.000)	2042067	10.0000	
36 Trichloroethene	95	10.124	10.118	(1.024)	1725323	20.0000	21
37 Methyl Methacrylate	69	10.337	10.332	(1.046)	1058720	20.0000	24
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	1152921	20.0000	21
39 1,4-Dioxane	88	10.433	10.433	(1.056)	382383	20.0000	20
40 Bromodichloromethane	83	10.561	10.561	(1.069)	3233685	20.0000	22
41 cis-1,3-Dichloropropene	75	10.919	10.919	(1.105)	1969934	20.0000	22
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	1888512	20.0000	24
43 Toluene	92	11.170	11.164	(0.907)	2505118	20.0000	21
44 trans-1,3-Dichloropropene	75	11.362	11.356	(1.150)	2226114	20.0000	22
45 1,1,2-Trichloroethane	83	11.527	11.522	(0.936)	1190587	20.0000	20
46 Tetrachloroethene	166	11.607	11.607	(0.943)	2213541	20.0000	23
47 Methyl Butyl Ketone	43	11.645	11.639	(0.946)	1878608	20.0000	24
48 Dibromochloromethane	129	11.858	11.858	(0.963)	3430175	20.0000	23
49 1,2-Dibromoethane	107	11.992	11.986	(0.974)	2347985	20.0000	22
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	2222077	10.0000	
51 Chlorobenzene	112	12.339	12.333	(1.002)	3870619	20.0000	22
52 Ethylbenzene	91	12.349	12.349	(1.003)	6525723	20.0000	22
M 55 Xylene (total)	106				7766576	20.0000	68
53 Xylene (m,p)	106	12.440	12.434	(1.010)	5251576	40.0000	46 (Q)
54 Xylene (o)	106	12.792	12.792	(1.039)	2515000	20.0000	22 (Q)
56 Styrene	104	12.803	12.803	(1.040)	3796761	20.0000	25
57 Bromoform	173	13.059	13.053	(1.061)	3380784	20.0000	27
58 1,1,2,2-Tetrachloroethane	83	13.369	13.368	(1.086)	3508413	20.0000	21
59 4-Ethyltoluene	105	13.502	13.502	(1.097)	8090783	20.0000	25
60 1,3,5-Trimethylbenzene	105	13.545	13.539	(1.100)	7220592	20.0000	21
61 2-Chlorotoluene	91	13.566	13.566	(1.102)	6544933	20.0000	22

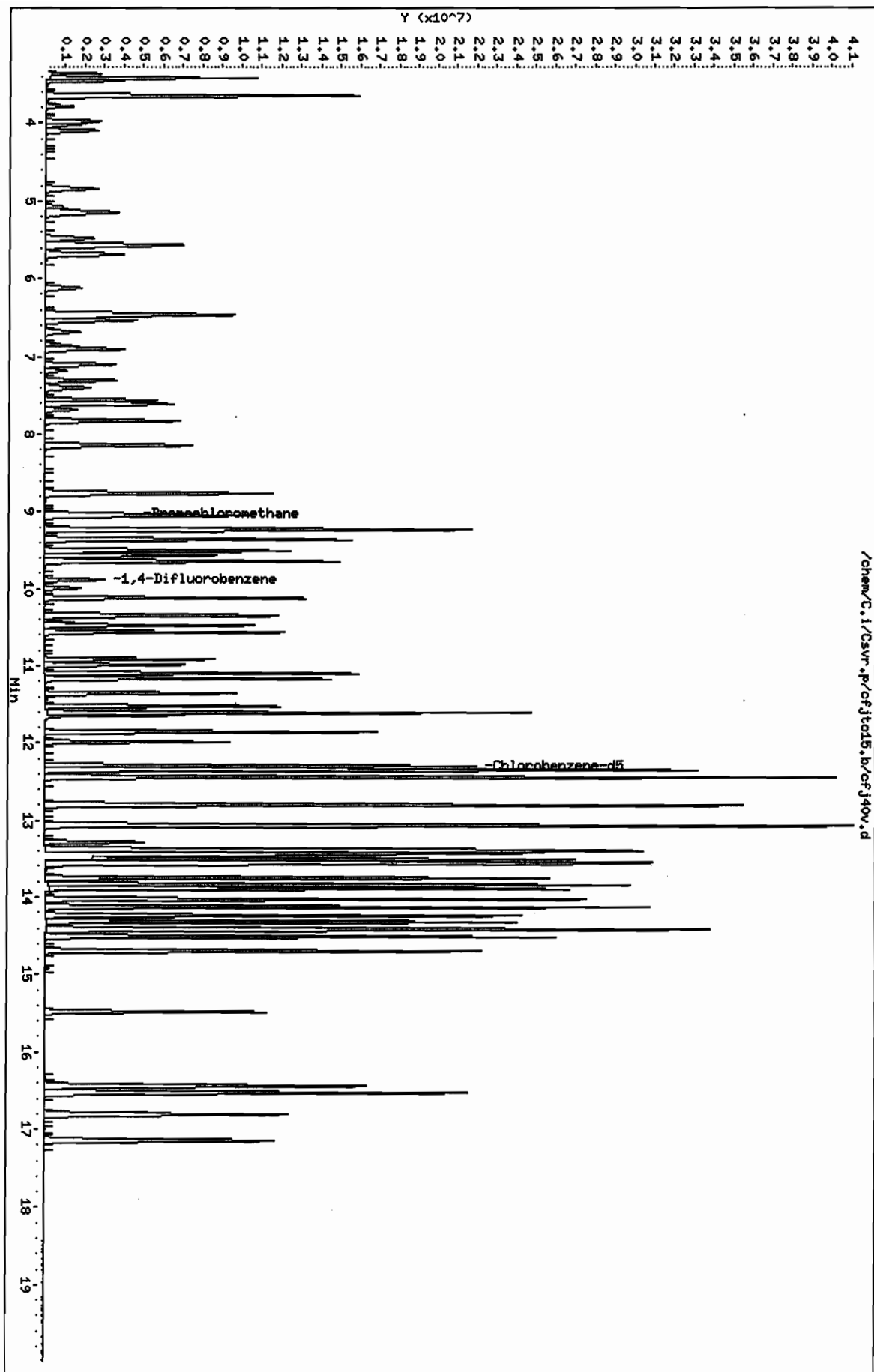
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
62 1,2,4-Trimethylbenzene	105	13.886	13.881	(1.128)	6750105	20.0000	23
63 1,3-Dichlorobenzene	146	14.238	14.233	(1.156)	3973766	20.0000	24
64 1,4-Dichlorobenzene	146	14.319	14.313	(1.163)	3888300	20.0000	25
65 1,2-Dichlorobenzene	146	14.697	14.692	(1.194)	3875704	20.0000	23
66 1,2,4-Trichlorobenzene	180	16.437	16.437	(1.335)	2404271	20.0000	26
67 Hexachlorobutadiene	225	16.528	16.528	(1.342)	1824430	20.0000	22
68 Naphthalene	128	16.811	16.811	(1.365)	5722470	20.0000	25

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Csvr.p/cfjtd15.b/cfj40v.d
Date: 12-APR-2007 17:42
Client ID: astd40
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.1
Operator: HTP
Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjto15.b/cfj40v.d
Report Date: 14-Apr-2007 18:10

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj40v.d
Lab Smp Id: astd40 Client Smp ID: astd40
Inj Date : 12-APR-2007 17:42
Operator : MTP Inst ID: C.i
Smp Info :
Misc Info : astd40;041207CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
Meth Date : 14-Apr-2007 18:10 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 9 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			AMOUNTS		
	MASS	RT	EXP RT REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.421	3.420 (0.379)	10713686	40.0000	32
168 Freon 22	51	3.458	3.458 (0.383)	4183959	40.0000	32
2 1,2-Dichlorotetrafluoroethane	85	3.650	3.644 (0.404)	10111931	40.0000	33
3 Chloromethane	50	3.789	3.783 (0.420)	1682670	40.0000	31
4 Vinyl Chloride	62	4.024	4.018 (0.446)	2373075	40.0000	31
5 1,3-Butadiene	54	4.098	4.093 (0.454)	1627395	40.0000	32
6 Bromomethane	94	4.840	4.840 (0.536)	2521187	40.0000	33
7 Chloroethane	64	5.075	5.075 (0.562)	1236575	40.0000	35
8 Bromoethene	106	5.475	5.475 (0.607)	2427212	40.0000	37
9 Trichlorofluoromethane	101	5.566	5.560 (0.617)	10235654	40.0000	36
10 Freon TF	101	6.463	6.462 (0.716)	5815119	40.0000	38
11 1,1-Dichloroethene	96	6.537	6.537 (0.724)	2325429	40.0000	37
12 Acetone	43	6.687	6.686 (0.741)	3107715	40.0000	39
13 Isopropyl Alcohol	45	6.857	6.857 (0.760)	2206604	40.0000	37
14 Carbon Disulfide	76	6.906	6.900 (0.765)	6910680	40.0000	37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
15 3-Chloropropene	41	7.103	7.103	(0.787)	2717795	40.0000	38
16 Methylene Chloride	49	7.306	7.306	(0.810)	2556739	40.0000	35
17 tert-Butyl Alcohol	59	7.402	7.396	(0.820)	3728247	40.0000	38
18 Methyl tert-Butyl Ether	73	7.562	7.562	(0.838)	8023915	40.0000	41 (A)
19 trans-1,2-Dichloroethene	61	7.610	7.604	(0.843)	3983816	40.0000	37
20 n-Hexane	57	7.829	7.823	(0.868)	3786944	40.0000	38
21 1,1-Dichloroethane	63	8.149	8.149	(0.903)	4735488	40.0000	38
M 22 1,2-Dichloroethene (total)	61				6834858	80.0000	77
23 Methyl Ethyl Ketone	72	8.768	8.768	(0.972)	1180877	40.0000	45 (A)
24 cis-1,2-Dichloroethene	96	8.768	8.768	(0.972)	2851042	40.0000	40 (A)
26 Tetrahydrofuran	42	9.040	9.040	(0.915)	2444368	40.0000	41 (A)
* 25 Bromochloromethane	128	9.024	9.019	(1.000)	521173	10.0000	
27 Chloroform	83	9.056	9.051	(1.004)	6767880	40.0000	39
28 1,1,1-Trichloroethane	97	9.232	9.227	(0.934)	9548554	40.0000	43 (A)
29 Cyclohexane	84	9.232	9.232	(0.934)	4313642	40.0000	42 (A)
30 Carbon Tetrachloride	117	9.361	9.360	(0.947)	10690442	40.0000	42 (A)
31 2,2,4-Trimethylpentane	57	9.510	9.504	(0.962)	12247324	40.0000	42 (A)
32 Benzene	78	9.569	9.568	(0.968)	7603767	40.0000	41 (A)
34 n-Heptane	43	9.649	9.643	(0.976)	4322168	40.0000	42 (A)
33 1,2-Dichloroethane	62	9.633	9.632	(0.975)	4929170	40.0000	43 (A)
* 35 1,4-Difluorobenzene	114	9.884	9.883	(1.000)	2394827	10.0000	
36 Trichloroethene	95	10.124	10.118	(1.024)	4135773	40.0000	43 (A)
37 Methyl Methacrylate	69	10.337	10.332	(1.046)	2767381	40.0000	50 (A)
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	2714321	40.0000	42 (A)
39 1,4-Dioxane	88	10.433	10.433	(1.056)	850948	40.0000	38
40 Bromodichloromethane	83	10.561	10.561	(1.069)	7679509	40.0000	44 (A)
41 cis-1,3-Dichloropropene	75	10.919	10.919	(1.105)	4762200	40.0000	44 (A)
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	4570477	40.0000	47 (A)
43 Toluene	92	11.170	11.164	(0.907)	6232249	40.0000	40
44 trans-1,3-Dichloropropene	75	11.362	11.356	(1.150)	5464044	40.0000	45 (A)
45 1,1,2-Trichloroethane	83	11.527	11.522	(0.936)	2886896	40.0000	38
46 Tetrachloroethene	166	11.607	11.607	(0.943)	6381114	40.0000	48 (A)
47 Methyl Butyl Ketone	43	11.645	11.639	(0.946)	4473099	40.0000	42 (A)
48 Dibromochloromethane	129	11.858	11.858	(0.963)	8872111	40.0000	45 (A)
49 1,2-Dibromoethane	107	11.992	11.986	(0.974)	5887994	40.0000	41 (A)
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	2950731	10.0000	
51 Chlorobenzene	112	12.338	12.333	(1.002)	10293827	40.0000	43 (A)
52 Ethylbenzene	91	12.349	12.349	(1.003)	15417298	40.0000	39
M 55 Xylene (total)	106				20537398	40.0000	130 (A)
53 Xylene (m,p)	106	12.440	12.434	(1.010)	13744686	80.0000	89 (AM)
54 Xylene (o)	106	12.792	12.792	(1.039)	6792712	40.0000	44 (A)
56 Styrene	104	12.803	12.803	(1.040)	10316333	40.0000	48 (A)
57 Bromoform	173	13.059	13.053	(1.061)	9228656	40.0000	52 (A)
58 1,1,2,2-Tetrachloroethane	83	13.369	13.368	(1.086)	8518851	40.0000	39
59 4-Ethyltoluene	105	13.502	13.502	(1.097)	17086335	40.0000	40
60 1,3,5-Trimethylbenzene	105	13.545	13.539	(1.100)	16977848	40.0000	38
61 2-Chlorotoluene	91	13.571	13.566	(1.102)	15690335	40.0000	39

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
62 1,2,4-Trimethylbenzene	105	13.886	13.881	(1.128)	15554574	40.0000	40
63 1,3-Dichlorobenzene	146	14.238	14.233	(1.156)	10667526	40.0000	47 (A)
64 1,4-Dichlorobenzene	146	14.318	14.313	(1.163)	10567983	40.0000	49 (A)
65 1,2-Dichlorobenzene	146	14.697	14.692	(1.194)	10177234	40.0000	44 (A)
66 1,2,4-Trichlorobenzene	180	16.437	16.437	(1.335)	6375190	40.0000	50 (A)
67 Hexachlorobutadiene	225	16.528	16.528	(1.342)	4413650	40.0000	40 (A)
68 Naphthalene	128	16.811	16.811	(1.365)	14379528	40.0000	46 (A)

QC Flag Legend

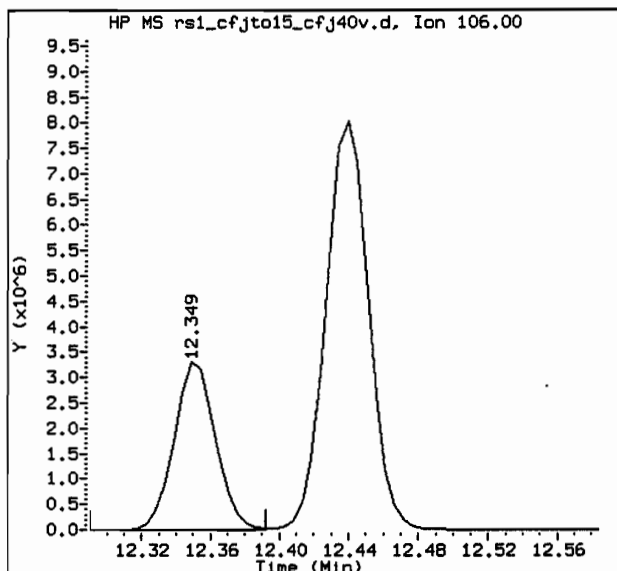
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.

MANUAL INTEGRATION REPORT

Data File Name: cfj40v.d
 Client Sample ID: astd40
 Compound Name: Xylene (m,p)

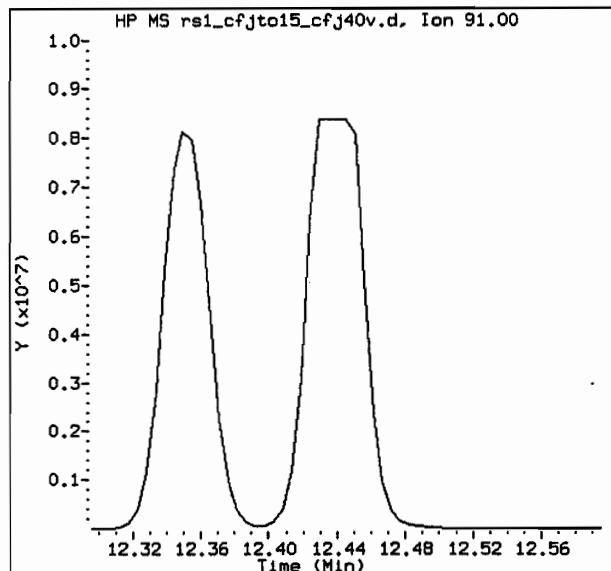
Inj. Date and Time: 12-APR-2007 17:42
 Instrument ID: C.i
 CAS #: 1330-20-7

Target Version: Target 3.50
 Report Version: 1.1
 Report Date: 04/14/2007 18:10

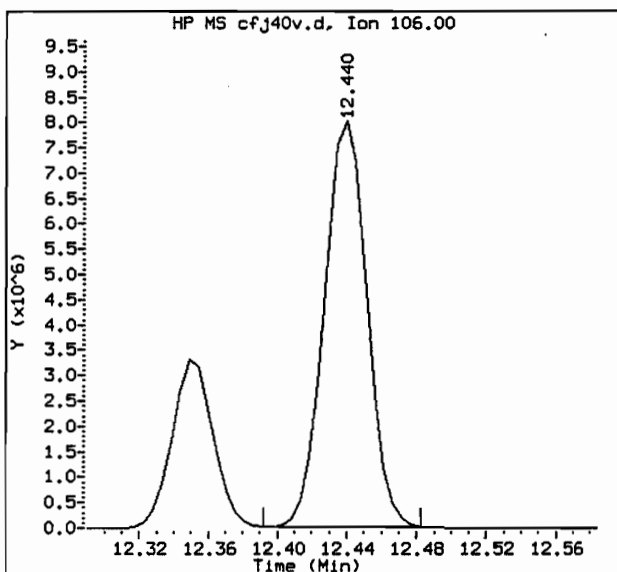


Original Integrations:

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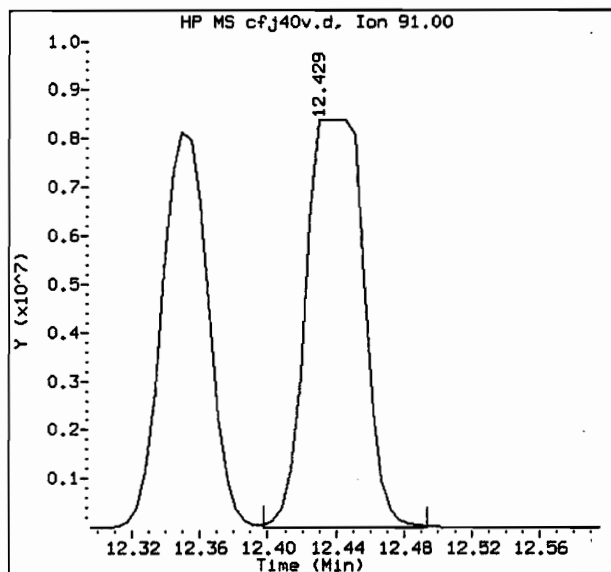


Area = 15417298



Final Integrations:

Area = 13744686

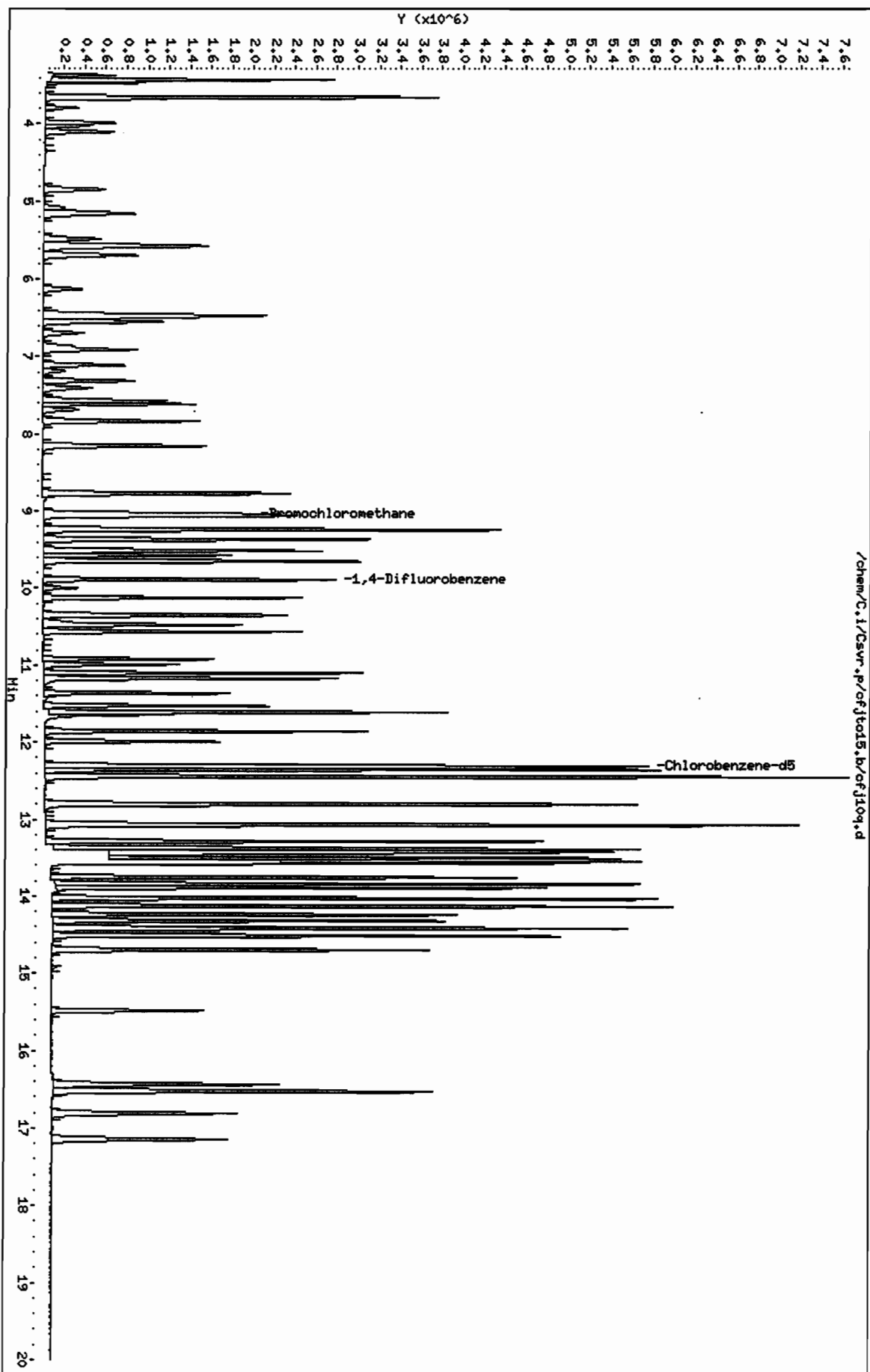


Area = 19748044

Manual Integration Reason: M2 - Mis-identification of peak

Data File: /chem/C.1/Csvr.p/cfjtd15.b/cfj10q.d
Date: 12-APR-2007 19:08
Client ID: C6041207LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.1
Operator: MTP
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjto15.b/cfj10q.d
 Lab Smp Id: CA041207LCS Client Smp ID: CA041207LCS
 Inj Date : 12-APR-2007 19:08
 Operator : MTP Inst ID: C.i
 Smp Info :
 Misc Info : CA041207LCS;041207CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/cfjto15.b/rto15.m
 Meth Date : 14-Apr-2007 18:14 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 10 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					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.426	3.420 (0.380)		2685771	9.42796	9.4
168 Freon 22	51	3.463	3.458 (0.384)		1011289	9.22124	9.2
2 1,2-Dichlorotetrafluoroethane	85	3.655	3.644 (0.405)		2383294	9.13623	9.1
3 Chloromethane	50	3.789	3.783 (0.420)		412354	9.12811	9.1
4 Vinyl Chloride	62	4.029	4.018 (0.446)		564961	8.68410	8.7
5 1,3-Butadiene	54	4.104	4.093 (0.455)		400160	9.25171	9.3
6 Bromomethane	94	4.845	4.840 (0.537)		553852	8.72434	8.7
7 Chloroethane	64	5.080	5.075 (0.563)		276709	9.21687	9.2
8 Bromoethene	106	5.481	5.475 (0.607)		555322	9.94543	9.9
9 Trichlorofluoromethane	101	5.571	5.560 (0.617)		2304159	9.56285	9.6
10 Freon TF	101	6.468	6.462 (0.717)		1357930	10.4562	10
11 1,1-Dichloroethene	96	6.543	6.537 (0.725)		568536	10.6448	11
12 Acetone	43	6.692	6.686 (0.742)		689017	10.1916	10
13 Isopropyl Alcohol	45	6.863	6.857 (0.760)		475968	9.53105	9.5
14 Carbon Disulfide	76	6.905	6.900 (0.765)		1552842	9.86377	9.9

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
15 3-Chloropropene	41	7.108	7.103	(0.788)	599614	9.86923	9.9
16 Methylene Chloride	49	7.311	7.306	(0.810)	623476	10.0909	10
17 tert-Butyl Alcohol	59	7.402	7.396	(0.820)	781637	9.37093	9.4
18 Methyl tert-Butyl Ether	73	7.567	7.562	(0.839)	1687858	10.1812	10
19 trans-1,2-Dichloroethene	61	7.610	7.604	(0.843)	865323	9.64496	9.6
20 n-Hexane	57	7.829	7.823	(0.868)	815533	9.82224	9.8
21 1,1-Dichloroethane	63	8.154	8.149	(0.904)	1029359	9.83809	9.8
M 22 1,2-Dichloroethene (total)	61				1459250	19.5895	20
23 Methyl Ethyl Ketone	72	8.768	8.768	(0.972)	225883	10.2398	10 (Q)
24 cis-1,2-Dichloroethene	96	8.773	8.768	(0.972)	593927	9.94456	9.9
26 Tetrahydrofuran	42	9.046	9.040	(0.915)	521404	9.75298	9.8
* 25 Bromochloromethane	128	9.024	9.019	(1.000)	438122	10.0000	
27 Chloroform	83	9.056	9.051	(1.004)	1428953	9.68595	9.7
28 1,1,1-Trichloroethane	97	9.232	9.227	(0.934)	1876084	9.36785	9.4
29 Cyclohexane	84	9.238	9.232	(0.935)	890436	9.53890	9.5
30 Carbon Tetrachloride	117	9.360	9.360	(0.947)	2169088	9.38549	9.4
31 2,2,4-Trimethylpentane	57	9.510	9.504	(0.962)	2636025	9.86743	9.9
32 Benzene	78	9.569	9.568	(0.968)	1595946	9.49688	9.5
34 n-Heptane	43	9.649	9.643	(0.976)	930269	9.87055	9.9
33 1,2-Dichloroethane	62	9.633	9.632	(0.975)	996441	9.53352	9.5
* 35 1,4-Difluorobenzene	114	9.883	9.883	(1.000)	2169368	10.0000	
36 Trichloroethene	95	10.124	10.118	(1.024)	827931	9.41664	9.4
37 Methyl Methacrylate	69	10.337	10.332	(1.046)	504877	9.97516	10
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	556435	9.57127	9.6
39 1,4-Dioxane	88	10.438	10.433	(1.056)	177899	8.77563	8.8
40 Bromodichloromethane	83	10.561	10.561	(1.069)	1595325	10.0744	10
41 cis-1,3-Dichloropropene	75	10.919	10.919	(1.105)	940312	9.49646	9.5
42 Methyl Isobutyl Ketone	43	10.994	10.988	(1.112)	893430	10.1614	10
43 Toluene	92	11.170	11.164	(0.907)	1193276	9.83636	9.8
44 trans-1,3-Dichloropropene	75	11.362	11.356	(1.150)	1058481	9.61953	9.6
45 1,1,2-Trichloroethane	83	11.527	11.522	(0.936)	545903	9.20603	9.2
46 Tetrachloroethene	166	11.607	11.607	(0.943)	947000	9.19754	9.2
47 Methyl Butyl Ketone	43	11.645	11.639	(0.946)	849751	10.3532	10
48 Dibromochloromethane	129	11.858	11.858	(0.963)	1623748	10.5197	11
49 1,2-Dibromoethane	107	11.992	11.986	(0.974)	1090168	9.71878	9.7
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	2287611	10.0000	
51 Chlorobenzene	112	12.338	12.333	(1.002)	1755709	9.40274	9.4
52 Ethylbenzene	91	12.354	12.349	(1.003)	3001283	9.85985	9.9
M 55 Xylene (total)	106				3430569	28.7348	29
53 Xylene (m,p)	106	12.440	12.434	(1.010)	2314340	19.2825	19
54 Xylene (o)	106	12.792	12.792	(1.039)	1116229	9.34966	9.3
56 Styrene	104	12.808	12.803	(1.040)	1646599	9.94739	9.9
57 Bromoform	173	13.059	13.053	(1.061)	1453205	10.6502	11
58 1,1,2,2-Tetrachloroethane	83	13.368	13.368	(1.086)	1579005	9.38310	9.4
59 4-Ethyltoluene	105	13.502	13.502	(1.097)	3807784	11.4037	11
60 1,3,5-Trimethylbenzene	105	13.545	13.539	(1.100)	3254489	9.37427	9.4
61 2-Chlorotoluene	91	13.571	13.566	(1.102)	3083297	9.93526	9.9

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
62 1,2,4-Trimethylbenzene	105	13.886	13.881	(1.128)	3007079	9.87701	9.9
63 1,3-Dichlorobenzene	146	14.238	14.233	(1.156)	1691944	9.71556	9.7
64 1,4-Dichlorobenzene	146	14.318	14.313	(1.163)	1629075	9.71671	9.7
65 1,2-Dichlorobenzene	146	14.697	14.692	(1.194)	1650455	9.28882	9.3
66 1,2,4-Trichlorobenzene	180	16.437	16.437	(1.335)	840441	8.43530	8.4
67 Hexachlorobutadiene	225	16.528	16.528	(1.342)	739607	8.72353	8.7
68 Naphthalene	128	16.811	16.811	(1.365)	2110410	8.65045	8.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Burlington

RECOVERY REPORT

Client Name: Client SDG: cfjto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: CA041207LCS Client Smp ID: CA041207LCS
Level: LOW Operator: MTP
Data Type: MS DATA SampleType: LCS
SpikeList File: all.spk Quant Type: ISTD
Sublist File: all.sub
Method File: /chem/C.i/Csvr.p/cfjto15.b/rto15.m
Misc Info: CA041207LCS;041207CA;1;200

SPIKE COMPOUND		CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	1 Dichlorodifluorome	10	9.4	94.28	70-130
	2 1,2-Dichlorotetra	10	9.1	91.36	70-130
	3 Chloromethane	10	9.1	91.28	70-130
	4 Vinyl Chloride	10	8.7	86.84	70-130
	5 1,3-Butadiene	10	9.3	92.52	70-130
	6 Bromomethane	10	8.7	87.24	70-130
	7 Chloroethane	10	9.2	92.17	70-130
	8 Bromoethene	10	9.9	99.45	70-130
	9 Trichlorofluoromet	10	9.6	95.63	70-130
	10 Freon TF	10	10	104.56	70-130
	11 1,1-Dichloroethene	10	11	106.45	70-130
	12 Acetone	10	10	101.92	70-130
	14 Carbon Disulfide	10	9.9	98.64	70-130
	13 Isopropyl Alcohol	10	9.5	95.31	70-130
	15 3-Chloropropene	10	9.9	98.69	70-130
	16 Methylene Chloride	10	10	100.91	70-130
	17 tert-Butyl Alcohol	10	9.4	93.71	70-130
	18 Methyl tert-Butyl	10	10	101.81	70-130
	19 trans-1,2-Dichloro	10	9.6	96.45	70-130
	20 n-Hexane	10	9.8	98.22	70-130
	21 1,1-Dichloroethane	10	9.8	98.38	70-130
M	22 1,2-Dichloroethene	20	20	100.00	70-130
	23 Methyl Ethyl Keton	10	10	102.40	70-130
	24 cis-1,2-Dichloroet	10	9.9	99.45	70-130
	26 Tetrahydrofuran	10	9.8	97.53	70-130
	27 Chloroform	10	9.7	96.86	70-130
	28 1,1,1-Trichloroeth	10	9.4	93.68	70-130
	29 Cyclohexane	10	9.5	95.39	70-130
	30 Carbon Tetrachlori	10	9.4	93.85	70-130
	31 2,2,4-Trimethylpen	10	9.9	98.67	70-130
	32 Benzene	10	9.5	94.97	70-130
	33 1,2-Dichloroethane	10	9.5	95.34	70-130
	34 n-Heptane	10	9.9	98.71	70-130

SPIKE COMPOUND		CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
M	36 Trichloroethene	10	9.4	94.17	70-130
	37 Methyl Methacrylat	10	10	99.75	70-130
	38 1,2-Dichloropropan	10	9.6	95.71	70-130
	39 1,4-Dioxane	10	8.8	87.76	70-130
	40 Bromodichlorometha	10	10	100.74	70-130
	41 cis-1,3-Dichloropr	10	9.5	94.96	70-130
	42 Methyl Isobutyl Ke	10	10	101.61	70-130
	43 Toluene	10	9.8	98.36	70-130
	44 trans-1,3-Dichloro	10	9.6	96.20	70-130
	45 1,1,2-Trichloroeth	10	9.2	92.06	70-130
	46 Tetrachloroethene	10	9.2	91.98	70-130
	47 Methyl Butyl Keton	10	10	103.53	70-130
	48 Dibromochlorometha	10	11	105.20	70-130
	49 1,2-Dibromoethane	10	9.7	97.19	70-130
	51 Chlorobenzene	10	9.4	94.03	70-130
	52 Ethylbenzene	10	9.9	98.60	70-130
	53 Xylene (m,p)	20	19	96.41	70-130
	54 Xylene (o)	10	9.3	93.50	70-130
	55 Xylene (total)	30	29	95.78	70-130
	56 Styrene	10	9.9	99.47	70-130
	57 Bromoform	10	11	106.50	70-130
	58 1,1,2,2-Tetrachlor	10	9.4	93.83	70-130
	59 4-Ethyltoluene	10	11	114.04	70-130
	60 1,3,5-Trimethylben	10	9.4	93.74	70-130
	61 2-Chlorotoluene	10	9.9	99.35	70-130
	62 1,2,4-Trimethylben	10	9.9	98.77	70-130
	63 1,3-Dichlorobenzen	10	9.7	97.16	70-130
	64 1,4-Dichlorobenzen	10	9.7	97.17	70-130
	65 1,2-Dichlorobenzen	10	9.3	92.89	70-130
	66 1,2,4-Trichloroben	10	8.4	84.35	70-130
	67 Hexachlorobutadien	10	8.7	87.24	70-130
	68 Naphthalene	10	8.7	86.50	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Instrument ID: C

Calibration Date: 04/17/07

Time: 1221

Lab File ID: CFJ10CV

Init. Calib. Date(s): 04/12/07

04/12/07

Heated Purge: (Y/N) N

Init. Calib. Times: 1322

1742

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	6.502	6.608	0.01	1.6	30.0
1,2-Dichlorotetrafluoroethane	5.954	6.650	0.01	11.7	30.0
Chloromethane	1.031	1.237	0.01	20.0	30.0
Vinyl Chloride	1.485	1.664	0.01	12.0	30.0
1,3-Butadiene	0.987	1.028	0.01	4.2	30.0
Bromomethane	1.449	1.550	0.01	7.0	30.0
Chloroethane	0.685	0.613	0.01	10.5	30.0
Bromoethene	1.274	1.198	0.01	6.0	30.0
Trichlorofluoromethane	5.500	6.158	0.01	12.0	30.0
Freon TF	2.964	2.827	0.01	4.6	30.0
1,1-Dichloroethene	1.219	1.029	0.01	15.6	30.0
Acetone	1.543	1.512	0.01	2.0	30.0
Isopropyl Alcohol	1.140	1.012	0.01	11.2	30.0
Carbon Disulfide	3.593	2.919	0.01	18.8	30.0
3-Chloropropene	1.387	1.084	0.01	21.8	30.0
Methylene Chloride	1.410	1.178	0.01	16.4	30.0
tert-Butyl Alcohol	1.904	1.858	0.01	2.4	30.0
Methyl tert-Butyl Ether	3.784	3.694	0.01	2.4	30.0
trans-1,2-Dichloroethene	2.048	1.802	0.01	12.0	30.0
n-Hexane	1.895	1.483	0.01	21.7	30.0
1,1-Dichloroethane	2.388	2.060	0.1	13.7	30.0
1,2-Dichloroethene (total)	1.706	1.471	0.01	13.8	30.0
Methyl Ethyl Ketone	0.503	0.436	0.01	13.3	30.0
cis-1,2-Dichloroethene	1.363	1.140	0.01	16.4	30.0
Tetrahydrofuran	0.247	0.199	0.01	19.4	30.0
Chloroform	3.367	3.188	0.01	5.3	30.0
1,1,1-Trichloroethane	0.923	1.013	0.01	9.8	30.0
Cyclohexane	0.430	0.371	0.01	13.7	30.0
Carbon Tetrachloride	1.065	1.244	0.01	16.8	30.0
2,2,4-Trimethylpentane	1.231	1.045	0.01	15.1	30.0
Benzene	0.774	0.663	0.01	14.3	30.0
1,2-Dichloroethane	0.482	0.539	0.01	11.8	30.0
n-Heptane	0.434	0.358	0.01	17.5	30.0
Trichloroethene	0.405	0.396	0.01	2.2	30.0
1,2-Dichloropropane	0.268	0.232	0.01	13.4	30.0
1,4-Dioxane	0.094	0.091	0.01	3.2	30.0
Bromodichloromethane	0.730	0.800	0.01	9.6	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Instrument ID: C

Calibration Date: 04/17/07

Time: 1221

Lab File ID: CFJ10CV

Init. Calib. Date(s): 04/12/07

04/12/07

Heated Purge: (Y/N) N

Init. Calib. Times: 1322

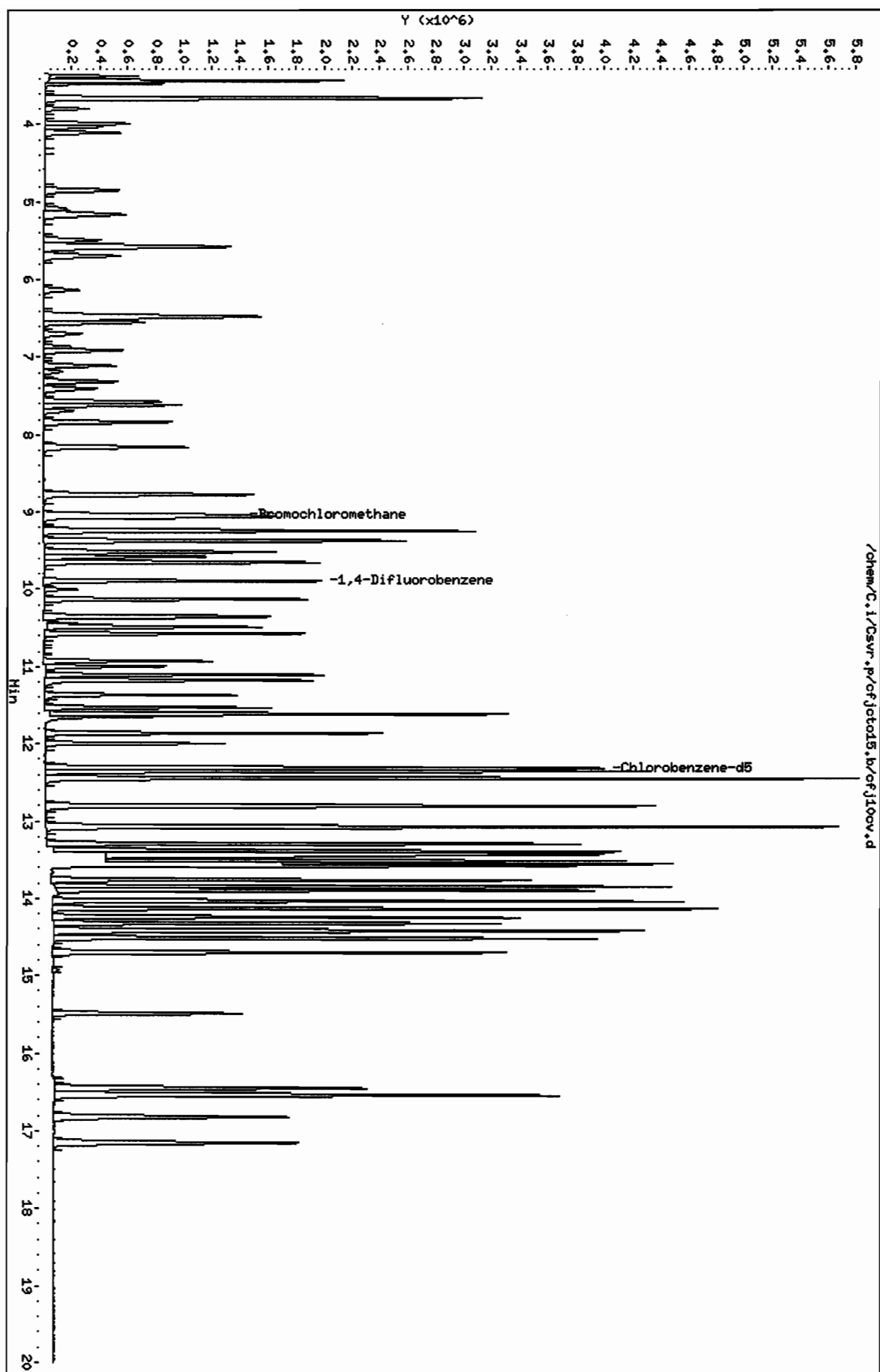
1742

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
=====	=====	=====	=====	=====	=====
cis-1,3-Dichloropropene	0.456	0.438	0.01	3.9	30.0
Methyl Isobutyl Ketone	0.405	0.394	0.01	2.7	30.0
Toluene	0.530	0.478	0.01	9.8	30.0
trans-1,3-Dichloropropene	0.507	0.529	0.01	4.3	30.0
1,1,2-Trichloroethane	0.259	0.227	0.01	12.4	30.0
Tetrachloroethene	0.450	0.512	0.01	13.8	30.0
Methyl Butyl Ketone	0.359	0.343	0.01	4.4	30.0
Dibromochloromethane	0.675	0.775	0.01	14.8	30.0
1,2-Dibromoethane	0.490	0.473	0.01	3.5	30.0
Chlorobenzene	0.816	0.770	0.3	5.6	30.0
Ethylbenzene	1.330	1.278	0.01	3.9	30.0
Xylene (m,p)	0.525	0.511	0.01	2.7	30.0
Xylene (o)	0.522	0.492	0.01	5.7	30.0
Xylene (total)	0.522	0.492	0.01	5.7	30.0
Styrene	0.724	0.729	0.01	0.7	30.0
Bromoform	0.596	0.754	0.01	26.5	30.0
1,1,2,2-Tetrachloroethane	0.736	0.669	0.01	9.1	30.0
4-Ethyltoluene	1.460	1.682	0.01	15.2	30.0
1,3,5-Trimethylbenzene	1.518	1.541	0.01	1.5	30.0
2-Chlorotoluene	1.356	1.390	0.01	2.5	30.0
1,2,4-Trimethylbenzene	1.331	1.449	0.01	8.9	30.0
1,3-Dichlorobenzene	0.761	0.881	0.01	15.8	30.0
1,4-Dichlorobenzene	0.733	0.853	0.01	16.4	30.0
1,2-Dichlorobenzene	0.776	0.882	0.01	13.6	30.0
1,2,4-Trichlorobenzene	0.436	0.540	0.01	23.8	30.0
Hexachlorobutadiene	0.370	0.418	0.01	13.0	30.0
Naphthalene	1.067	1.212	0.01	13.6	30.0

Data File: /chem/C.i/Csvr.p/cfjct015.b/cfj100v.d
Date : 17-APR-2007 12:24
Client ID: astd10
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: urd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjcto15.b/cfj10cv.d
Lab Smp Id: astd10 Client Smp ID: astd10
Inj Date : 17-APR-2007 12:21
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : astd10;041707CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cfjcto15.b/rto15.m
Meth Date : 19-Apr-2007 13:16 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 5 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all+N.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	3.431	3.431	(0.380)	2113048	10.0000	10
2 1,2-Dichlorotetrafluoroethane	85	3.655	3.655	(0.405)	2126558	10.0000	11
3 Chloromethane	50	3.799	3.799	(0.421)	395583	10.0000	12
4 Vinyl Chloride	62	4.034	4.034	(0.447)	532209	10.0000	11
5 1,3-Butadiene	54	4.109	4.109	(0.455)	328613	10.0000	10
6 Bromomethane	94	4.851	4.851	(0.537)	495787	10.0000	11
7 Chloroethane	64	5.085	5.085	(0.563)	196008	10.0000	8.9
8 Bromoethene	106	5.491	5.491	(0.608)	382985	10.0000	9.4
9 Trichlorofluoromethane	101	5.576	5.576	(0.618)	1969306	10.0000	11
10 Freon TF	101	6.473	6.473	(0.717)	903981	10.0000	9.5
11 1,1-Dichloroethene	96	6.548	6.548	(0.725)	328925	10.0000	8.4 (Q)
12 Acetone	43	6.697	6.697	(0.742)	483577	10.0000	9.8
13 Isopropyl Alcohol	45	6.863	6.863	(0.760)	323684	10.0000	8.9
14 Carbon Disulfide	76	6.916	6.916	(0.766)	933545	10.0000	8.1
15 3-Chloropropene	41	7.113	7.113	(0.788)	346654	10.0000	7.8

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	==	=====	=====	=====	-----	-----
16 Methylene Chloride	49	7.316	7.316	(0.810)	376642	10.0000	8.4
17 tert-Butyl Alcohol	59	7.407	7.407	(0.820)	594193	10.0000	9.8
18 Methyl tert-Butyl Ether	73	7.572	7.572	(0.839)	1181099	10.0000	9.8
19 trans-1,2-Dichloroethene	61	7.615	7.615	(0.843)	576100	10.0000	8.8
20 n-Hexane	57	7.834	7.834	(0.868)	474103	10.0000	7.8
21 1,1-Dichloroethane	63	8.160	8.160	(0.904)	658767	10.0000	8.6
M 22 1,2-Dichloroethene (total)	61				940618	20.0000	17
23 Methyl Ethyl Ketone	72	8.773	8.773	(0.972)	139546	10.0000	8.7 (Q)
24 cis-1,2-Dichloroethene	96	8.779	8.779	(0.972)	364518	10.0000	8.4
* 25 Bromochloromethane	128	9.029	9.029	(1.000)	319766	10.0000	
26 Tetrahydrofuran	42	9.045	9.045	(0.915)	290449	10.0000	8.1
27 Chloroform	83	9.061	9.061	(1.004)	1019531	10.0000	9.5
28 1,1,1-Trichloroethane	97	9.238	9.238	(0.934)	1478604	10.0000	11
29 Cyclohexane	84	9.243	9.243	(0.935)	541650	10.0000	8.6
30 Carbon Tetrachloride	117	9.371	9.371	(0.948)	1815713	10.0000	12
31 2,2,4-Trimethylpentane	57	9.515	9.515	(0.962)	1524954	10.0000	8.5
32 Benzene	78	9.579	9.579	(0.969)	968114	10.0000	8.6
33 1,2-Dichloroethane	62	9.643	9.643	(0.975)	786399	10.0000	11
34 n-Heptane	43	9.654	9.654	(0.976)	522527	10.0000	8.2
* 35 1,4-Difluorobenzene	114	9.889	9.889	(1.000)	1459212	10.0000	
36 Trichloroethene	95	10.129	10.129	(1.024)	577168	10.0000	9.8
38 1,2-Dichloropropane	63	10.364	10.364	(1.048)	337873	10.0000	8.6 (Q)
39 1,4-Dioxane	88	10.438	10.438	(1.056)	132439	10.0000	9.7
40 Bromodichloromethane	83	10.566	10.566	(1.069)	1166667	10.0000	11
41 cis-1,3-Dichloropropene	75	10.924	10.924	(1.105)	639695	10.0000	9.6
42 Methyl Isobutyl Ketone	43	10.993	10.993	(1.112)	574995	10.0000	9.7
43 Toluene	92	11.175	11.175	(0.907)	778088	10.0000	9.0
44 trans-1,3-Dichloropropene	75	11.367	11.367	(1.149)	771428	10.0000	10
45 1,1,2-Trichloroethane	83	11.532	11.532	(0.936)	370058	10.0000	8.8
46 Tetrachloroethene	166	11.613	11.613	(0.943)	833828	10.0000	11
47 Methyl Butyl Ketone	43	11.650	11.650	(0.946)	559386	10.0000	9.6
48 Dibromochloromethane	129	11.863	11.863	(0.963)	1261820	10.0000	11
49 1,2-Dibromoethane	107	11.997	11.997	(0.974)	770021	10.0000	9.6
* 50 Chlorobenzene-d5	117	12.317	12.317	(1.000)	1628856	10.0000	
51 Chlorobenzene	112	12.344	12.344	(1.002)	1254860	10.0000	9.4
52 Ethylbenzene	91	12.360	12.360	(1.003)	2080913	10.0000	9.6
53 Xylene (m,p)	106	12.445	12.445	(1.010)	1664035	20.0000	19 (Q)
54 Xylene (o)	106	12.797	12.797	(1.039)	802338	10.0000	9.4 (Q)
M 55 Xylene (total)	106				2466373	10.0000	29
56 Styrene	104	12.808	12.808	(1.040)	1187215	10.0000	10
57 Bromoform	173	13.064	13.064	(1.061)	1228045	10.0000	13
58 1,1,2,2-Tetrachloroethane	83	13.374	13.374	(1.086)	1089703	10.0000	9.1
59 4-Ethyltoluene	105	13.507	13.507	(1.097)	2740150	10.0000	12
60 1,3,5-Trimethylbenzene	105	13.550	13.550	(1.100)	2510039	10.0000	10
61 2-Chlorotoluene	91	13.576	13.576	(1.102)	2264854	10.0000	10
62 1,2,4-Trimethylbenzene	105	13.891	13.891	(1.128)	2360117	10.0000	11
63 1,3-Dichlorobenzene	146	14.244	14.244	(1.156)	1435275	10.0000	12

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
64 1,4-Dichlorobenzene	146	14.324	14.324	(1.163)	1389202	10.0000	12
65 1,2-Dichlorobenzene	146	14.703	14.703	(1.194)	1436998	10.0000	11
66 1,2,4-Trichlorobenzene	180	16.448	16.448	(1.335)	878928	10.0000	12
67 Hexachlorobutadiene	225	16.538	16.538	(1.343)	680789	10.0000	11
68 Naphthalene	128	16.821	16.821	(1.366)	1973453	10.0000	11

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Instrument ID: C

Calibration Date: 04/18/07

Time: 1233

Lab File ID: CFJ10DV

Init. Calib. Date(s): 04/12/07

04/12/07

Heated Purge: (Y/N) N

Init. Calib. Times: 1322

1742

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	6.502	9.391	0.01	44.4	30.0	<-
1,2-Dichlorotetrafluoroethan	5.954	7.426	0.01	24.7	30.0	
Chloromethane	1.031	1.031	0.01	0.0	30.0	
Vinyl Chloride	1.485	1.536	0.01	3.4	30.0	
1,3-Butadiene	0.987	1.006	0.01	1.9	30.0	
Bromomethane	1.449	1.523	0.01	5.1	30.0	
Chloroethane	0.685	0.775	0.01	13.1	30.0	
Bromoethene	1.274	1.320	0.01	3.6	30.0	
Trichlorofluoromethane	5.500	6.400	0.01	16.4	30.0	
Freon TF	2.964	3.294	0.01	11.1	30.0	
1,1-Dichloroethene	1.219	1.327	0.01	8.8	30.0	
Acetone	1.543	1.937	0.01	25.5	30.0	
Isopropyl Alcohol	1.140	1.472	0.01	29.1	30.0	
Carbon Disulfide	3.593	4.232	0.01	17.8	30.0	
3-Chloropropene	1.387	1.654	0.01	19.2	30.0	
Methylene Chloride	1.410	1.705	0.01	20.9	30.0	
tert-Butyl Alcohol	1.904	2.456	0.01	29.0	30.0	
Methyl tert-Butyl Ether	3.784	4.368	0.01	15.4	30.0	
trans-1,2-Dichloroethene	2.048	2.487	0.01	21.4	30.0	
n-Hexane	1.895	2.286	0.01	20.6	30.0	
1,1-Dichloroethane	2.388	2.857	0.1	19.6	30.0	
1,2-Dichloroethene (total)	1.706	1.966	0.01	15.2	30.0	
Methyl Ethyl Ketone	0.503	0.579	0.01	15.1	30.0	
cis-1,2-Dichloroethene	1.363	1.444	0.01	5.9	30.0	
Tetrahydrofuran	0.247	0.276	0.01	11.7	30.0	
Chloroform	3.367	3.892	0.01	15.6	30.0	
1,1,1-Trichloroethane	0.923	1.040	0.01	12.7	30.0	
Cyclohexane	0.430	0.463	0.01	7.7	30.0	
Carbon Tetrachloride	1.065	1.165	0.01	9.4	30.0	
2,2,4-Trimethylpentane	1.231	1.430	0.01	16.2	30.0	
Benzene	0.774	0.808	0.01	4.4	30.0	
1,2-Dichloroethane	0.482	0.544	0.01	12.9	30.0	
n-Heptane	0.434	0.504	0.01	16.1	30.0	
Trichloroethene	0.405	0.420	0.01	3.7	30.0	
1,2-Dichloropropane	0.268	0.303	0.01	13.0	30.0	
1,4-Dioxane	0.094	0.107	0.01	13.8	30.0	
Bromodichloromethane	0.730	0.829	0.01	13.6	30.0	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Instrument ID: C

Calibration Date: 04/18/07

Time: 1233

Lab File ID: CFJ10DV

Init. Calib. Date(s): 04/12/07

04/12/07

Heated Purge: (Y/N) N

Init. Calib. Times: 1322

1742

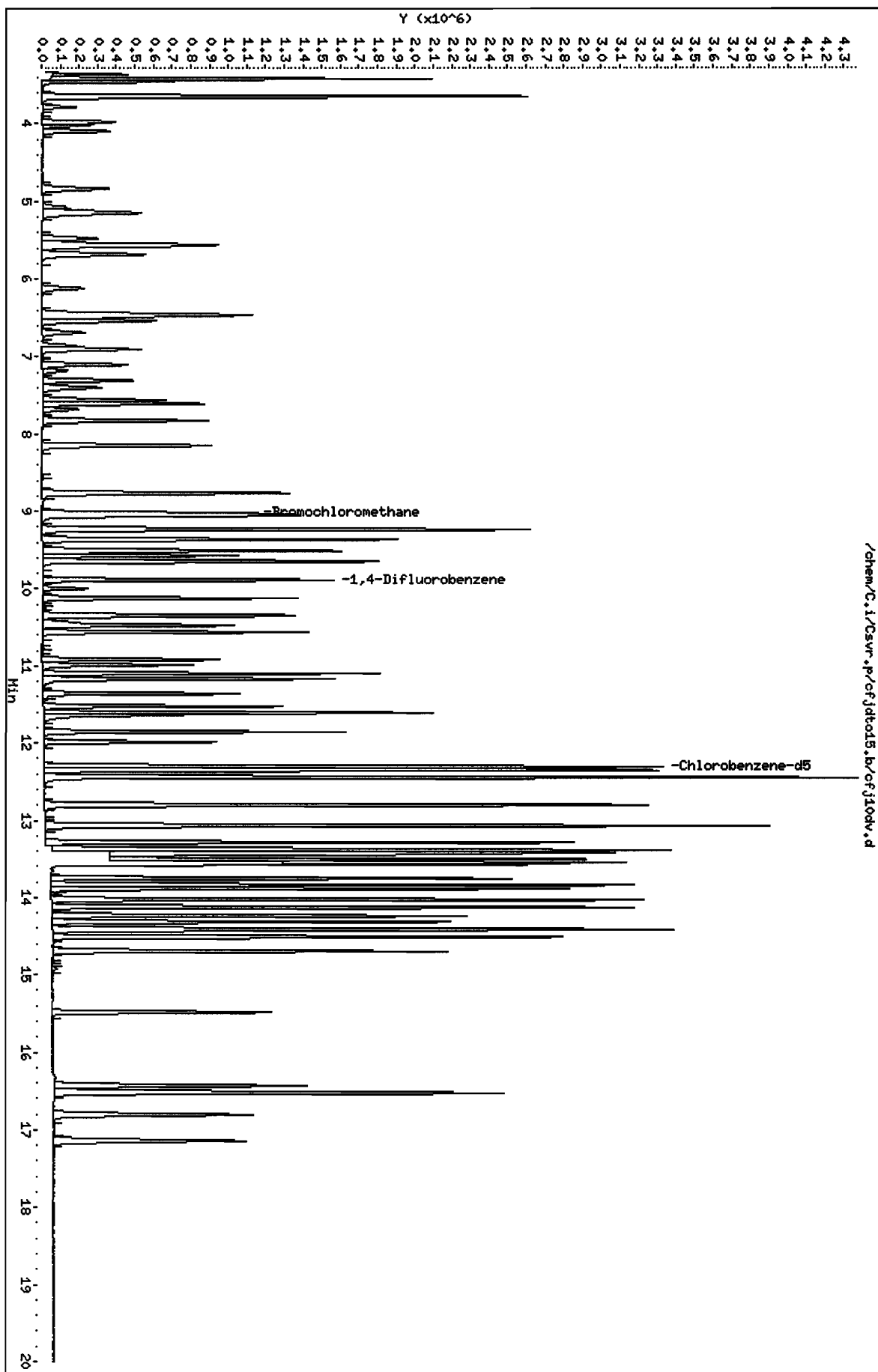
GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
=====	=====	=====	=====	=====	=====
cis-1,3-Dichloropropene	0.456	0.508	0.01	11.4	30.0
Methyl Isobutyl Ketone	0.405	0.507	0.01	25.2	30.0
Toluene	0.530	0.557	0.01	5.1	30.0
trans-1,3-Dichloropropene	0.507	0.576	0.01	13.6	30.0
1,1,2-Trichloroethane	0.259	0.283	0.01	9.3	30.0
Tetrachloroethene	0.450	0.389	0.01	13.6	30.0
Methyl Butyl Ketone	0.359	0.475	0.01	32.3	30.0
Dibromochloromethane	0.675	0.700	0.01	3.7	30.0
1,2-Dibromoethane	0.490	0.510	0.01	4.1	30.0
Chlorobenzene	0.816	0.777	0.3	4.8	30.0
Ethylbenzene	1.330	1.440	0.01	8.3	30.0
Xylene (m,p)	0.525	0.521	0.01	0.8	30.0
Xylene (o)	0.522	0.510	0.01	2.3	30.0
Xylene (total)	0.522	0.510	0.01	2.3	30.0
Styrene	0.724	0.753	0.01	4.0	30.0
Bromoform	0.596	0.609	0.01	2.2	30.0
1,1,2,2-Tetrachloroethane	0.736	0.808	0.01	9.8	30.0
4-Ethyltoluene	1.460	1.661	0.01	13.8	30.0
1,3,5-Trimethylbenzene	1.518	1.605	0.01	5.7	30.0
2-Chlorotoluene	1.356	1.497	0.01	10.4	30.0
1,2,4-Trimethylbenzene	1.331	1.459	0.01	9.6	30.0
1,3-Dichlorobenzene	0.761	0.717	0.01	5.8	30.0
1,4-Dichlorobenzene	0.733	0.687	0.01	6.3	30.0
1,2-Dichlorobenzene	0.776	0.712	0.01	8.2	30.0
1,2,4-Trichlorobenzene	0.436	0.390	0.01	10.6	30.0
Hexachlorobutadiene	0.370	0.379	0.01	2.4	30.0
Naphthalene	1.067	1.032	0.01	3.3	30.0
=====	=====	=====	=====	=====	=====

<-

Data File: /chem/C.i/Csvr.p/cfjdt015.b/cfj10dv.d
Date: 18-APR-2007 12:33
Client ID: astd10
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: und
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/cfj10dv.d
Lab Smp Id: astd10 Client Smp ID: astd10
Inj Date : 18-APR-2007 12:33
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : astd10;041807CA;1;200
Comment :
Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 5 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all+N.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	3.421	3.421	(0.379)	2011501	10.0000	14
2 1,2-Dichlorotetrafluoroethane	85	3.650	3.650	(0.405)	1590628	10.0000	12
3 Chloromethane	50	3.783	3.783	(0.419)	220800	10.0000	10
4 Vinyl Chloride	62	4.018	4.018	(0.446)	328995	10.0000	10
5 1,3-Butadiene	54	4.098	4.098	(0.454)	215401	10.0000	10
6 Bromomethane	94	4.840	4.840	(0.537)	326139	10.0000	11
7 Chloroethane	64	5.075	5.075	(0.563)	165984	10.0000	11
8 Bromoethene	106	5.481	5.481	(0.608)	282706	10.0000	10
9 Trichlorofluoromethane	101	5.561	5.561	(0.617)	1370838	10.0000	12
10 Freon TF	101	6.463	6.463	(0.717)	705613	10.0000	11
11 1,1-Dichloroethene	96	6.537	6.537	(0.725)	284183	10.0000	11 (Q)
12 Acetone	43	6.687	6.687	(0.741)	414807	10.0000	13
13 Isopropyl Alcohol	45	6.852	6.852	(0.760)	315297	10.0000	13
14 Carbon Disulfide	76	6.900	6.900	(0.765)	906475	10.0000	12
15 3-Chloropropene	41	7.103	7.103	(0.788)	354354	10.0000	12

Compounds	QUANT SIG			REL RT	RESPONSE	AMOUNTS	
	MASS	RT	EXP RT			CAL-AMT (ppbv)	ON-COL (ppbv)
=====	----	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.306	7.306	(0.810)	365154	10.0000	12
17 tert-Butyl Alcohol	59	7.396	7.396	(0.820)	526132	10.0000	13
18 Methyl tert-Butyl Ether	73	7.562	7.562	(0.838)	935482	10.0000	12
19 trans-1,2-Dichloroethene	61	7.605	7.605	(0.843)	532743	10.0000	12
20 n-Hexane	57	7.823	7.823	(0.867)	489732	10.0000	12
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	611867	10.0000	12
M 22 1,2-Dichloroethene (total)	61				842132	20.0000	23
23 Methyl Ethyl Ketone	72	8.763	8.763	(0.972)	123971	10.0000	11 (Q)
24 cis-1,2-Dichloroethene	96	8.768	8.768	(0.972)	309389	10.0000	11
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	214184	10.0000	(Q)
26 Tetrahydrofuran	42	9.040	9.040	(0.915)	303475	10.0000	11
27 Chloroform	83	9.051	9.051	(1.004)	833586	10.0000	12
28 1,1,1-Trichloroethane	97	9.227	9.227	(0.934)	1145295	10.0000	11
29 Cyclohexane	84	9.232	9.232	(0.934)	509597	10.0000	11
30 Carbon Tetrachloride	117	9.360	9.360	(0.947)	1282684	10.0000	11
31 2,2,4-Trimethylpentane	57	9.505	9.505	(0.962)	1574467	10.0000	12
32 Benzene	78	9.569	9.569	(0.968)	889665	10.0000	10
33 1,2-Dichloroethane	62	9.633	9.633	(0.975)	598654	10.0000	11
34 n-Heptane	43	9.649	9.649	(0.976)	555044	10.0000	12
* 35 1,4-Difluorobenzene	114	9.883	9.883	(1.000)	1100692	10.0000	
36 Trichloroethene	95	10.118	10.118	(1.024)	462364	10.0000	10 (Q)
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	333124	10.0000	11
39 1,4-Dioxane	88	10.433	10.433	(1.056)	117848	10.0000	11
40 Bromodichloromethane	83	10.561	10.561	(1.069)	912554	10.0000	11
41 cis-1,3-Dichloropropene	75	10.919	10.919	(1.105)	558665	10.0000	11
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	558484	10.0000	13
43 Toluene	92	11.164	11.164	(0.907)	645446	10.0000	10
44 trans-1,3-Dichloropropene	75	11.356	11.356	(1.149)	634352	10.0000	11
45 1,1,2-Trichloroethane	83	11.522	11.522	(0.936)	328073	10.0000	11
46 Tetrachloroethene	166	11.607	11.607	(0.943)	450721	10.0000	8.6
47 Methyl Butyl Ketone	43	11.639	11.639	(0.946)	550405	10.0000	13
48 Dibromochloromethane	129	11.858	11.858	(0.964)	811784	10.0000	10
49 1,2-Dibromoethane	107	11.986	11.986	(0.974)	591569	10.0000	10
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)	1159451	10.0000	
51 Chlorobenzene	112	12.333	12.333	(1.002)	900867	10.0000	9.5
52 Ethylbenzene	91	12.349	12.349	(1.003)	1669819	10.0000	11
53 Xylene (m,p)	106	12.435	12.435	(1.010)	1208598	20.0000	20 (Q)
54 Xylene (o)	106	12.787	12.787	(1.039)	591251	10.0000	9.8 (Q)
M 55 Xylene (total)	106				1799849	10.0000	30
56 Styrene	104	12.803	12.803	(1.040)	872961	10.0000	10
57 Bromoform	173	13.054	13.054	(1.061)	705800	10.0000	10
58 1,1,2,2-Tetrachloroethane	83	13.368	13.368	(1.086)	936683	10.0000	11
59 4-Ethyltoluene	105	13.502	13.502	(1.097)	1926298	10.0000	11
60 1,3,5-Trimethylbenzene	105	13.539	13.539	(1.100)	1860697	10.0000	11
61 2-Chlorotoluene	91	13.566	13.566	(1.102)	1735677	10.0000	11
62 1,2,4-Trimethylbenzene	105	13.881	13.881	(1.128)	1691328	10.0000	11
63 1,3-Dichlorobenzene	146	14.233	14.233	(1.157)	831226	10.0000	9.4

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
*****	****	**	*****	*****	*****	*****	*****
64 1,4-Dichlorobenzene	146	14.313	14.313	(1.163)	796785	10.0000	9.4
65 1,2-Dichlorobenzene	146	14.692	14.692	(1.194)	825538	10.0000	9.2
66 1,2,4-Trichlorobenzene	180	16.432	16.432	(1.335)	452292	10.0000	9.0
67 Hexachlorobutadiene	225	16.523	16.523	(1.343)	439929	10.0000	10
68 Naphthalene	128	16.805	16.805	(1.366)	1196669	10.0000	9.7

QC Flag Legend

Q - Qualifier signal failed the ratio test.



Raw QC Data - TO-15 Volatile

Date : 12-APR-2007 12:01

Client ID: VBFB

Instrument: C.i

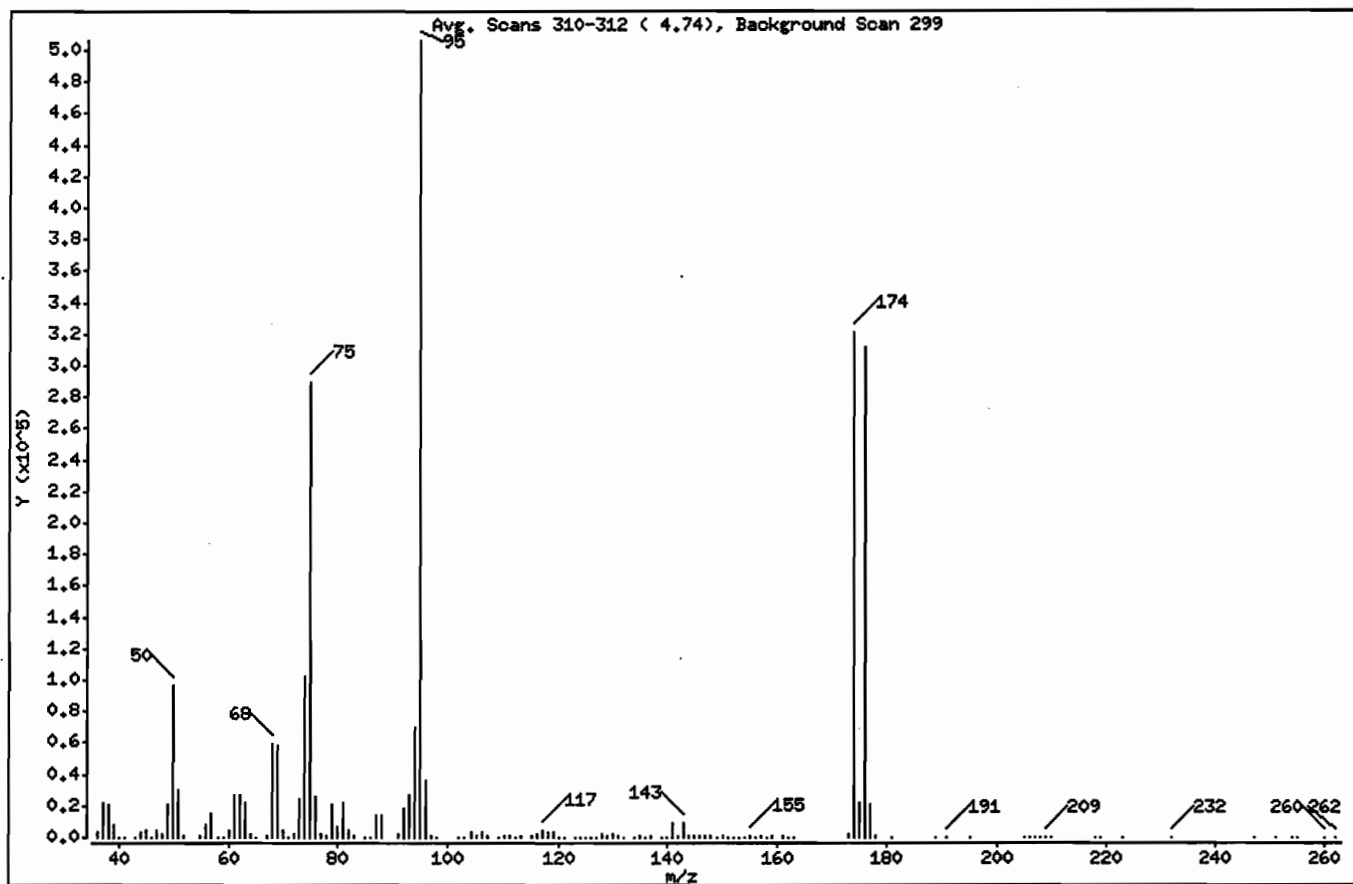
Sample Info: VBFB

Operator: MTP

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	19.07
75	30.00 - 66.00% of mass 95	57.34
96	5.00 - 9.00% of mass 95	7.15
173	Less than 2.00% of mass 174	0.35 (0.56)
174	50.00 - 120.00% of mass 95	63.44
175	4.00 - 9.00% of mass 174	4.48 (7.06)
176	93.00 - 101.00% of mass 174	61.67 (97.22)
177	5.00 - 9.00% of mass 176	4.16 (6.74)

Date : 12-APR-2007 12:01

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: HTP

Column phase: RTX-624

Column diameter: 0.32

Data File: cfj01pv.d
 Spectrum: Avg. Scans 310-312 (4.74), Background Scan 299
 Location of Maximum: 95.00
 Number of points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3551	75.00	290048	118.00	3022	156.00	373
37.00	21848	76.00	25280	119.00	3874	157.00	1143
38.00	20520	77.00	2606	120.00	68	158.00	189
39.00	7939	78.00	1215	121.00	101	159.00	960
40.00	446	79.00	20840	123.00	348	161.00	683
41.00	120	80.00	6602	124.00	454	162.00	122
43.00	229	81.00	21664	125.00	378	163.00	10
44.00	3047	82.00	5166	126.00	158	173.00	1787
45.00	4285	83.00	750	127.00	245	174.00	320896
46.00	532	85.00	308	128.00	2879	175.00	22664
47.00	4334	86.00	222	129.00	1394	176.00	312000
48.00	2897	87.00	13700	130.00	2441	177.00	21024
49.00	20720	88.00	14163	131.00	947	178.00	606
50.00	96448	91.00	2354	132.00	358	181.00	78
51.00	29992	92.00	18544	134.00	329	189.00	163
52.00	1388	93.00	26984	135.00	1706	191.00	421
55.00	1453	94.00	69344	136.00	86	195.00	113
56.00	8573	95.00	505856	137.00	1308	205.00	210
57.00	15461	96.00	36152	139.00	266	206.00	75
58.00	570	97.00	870	140.00	511	207.00	146
59.00	42	98.00	71	141.00	9109	208.00	485
60.00	4625	102.00	168	142.00	899	209.00	554
61.00	27008	103.00	148	143.00	9845	210.00	301
62.00	26816	104.00	2982	144.00	617	218.00	167
63.00	21568	105.00	877	145.00	970	219.00	156
64.00	1873	106.00	3351	146.00	1041	223.00	149
65.00	170	107.00	845	147.00	811	232.00	12
67.00	1442	109.00	102	148.00	1460	247.00	155
68.00	58848	110.00	621	149.00	422	251.00	75
69.00	58416	111.00	630	150.00	861	254.00	52
70.00	5090	112.00	563	151.00	81	255.00	178
71.00	290	113.00	746	152.00	211	260.00	193
72.00	2872	115.00	586	153.00	485	262.00	70
73.00	24968	116.00	2584	154.00	515		
74.00	102784	117.00	4242	155.00	1295		

Data File: /chem/C.i/Csvr.p/cfjto15.b/cfj01pv.d

Page 4

Date : 12-APR-2007 12:01

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: MTP

Column phase: RTX-624

Column diameter: 0.32

Data File: cfj01pv.d
Spectrum: Avg. Scans 310-312 (4.74), Background Scan 299
Location of Maximum: 95.00
Number of points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
							

Data File: /chem/C.i/Csvr.p/cfjto15.b/cfj01pv.d

Page 1

Date : 12-APR-2007 12:01

Client ID: VBFB

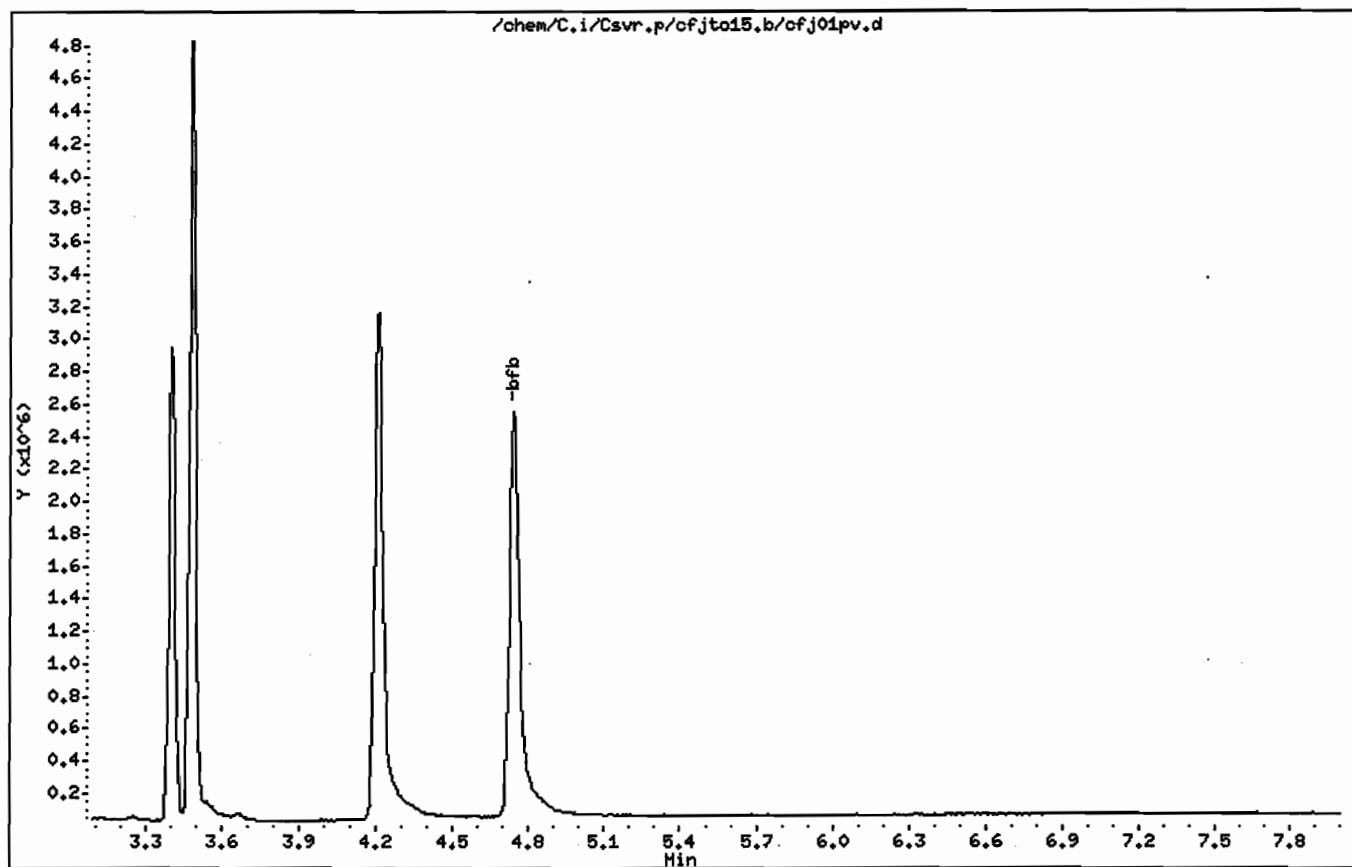
Instrument: C.i

Sample Info: VBFB

Operator: MTP

Column phase: RTX-624

Column diameter: 0.32



Date : 17-APR-2007 11:37

Client ID: VBFB

Instrument: C.i

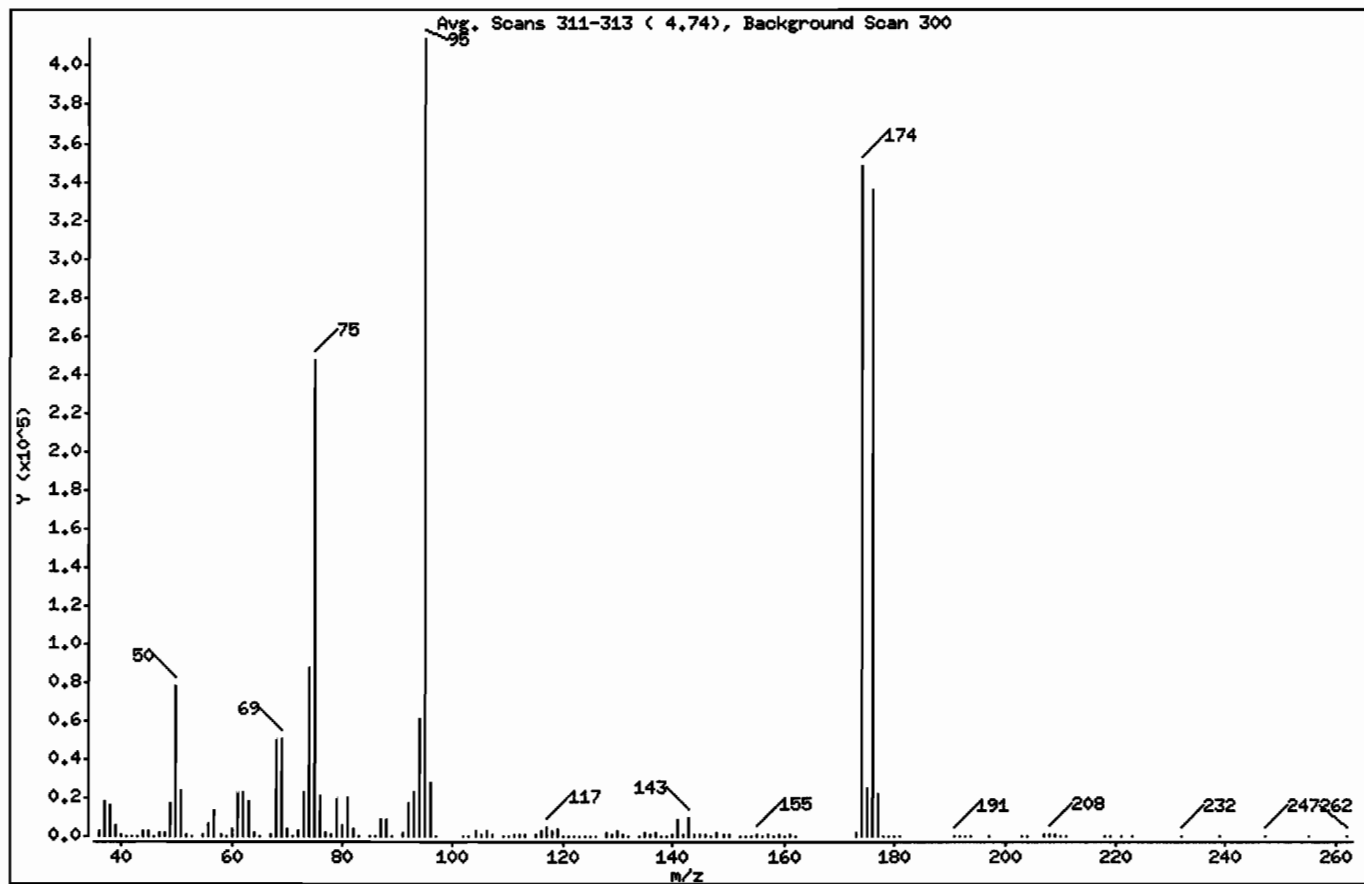
Sample Info: VBFB

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	18.83
75	30.00 - 66.00% of mass 95	59.71
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.45 (0.54)
174	50.00 - 120.00% of mass 95	84.23
175	4.00 - 9.00% of mass 174	6.03 (7.16)
176	93.00 - 101.00% of mass 174	81.25 (96.46)
177	5.00 - 9.00% of mass 176	5.19 (6.39)

Date : 17-APR-2007 11:37

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cfj04pv.d

Spectrum: Avg. Scans 311-313 (4.74), Background Scan 300

Location of Maximum: 95.00

Number of points: 144

m/z	Y	m/z	Y	m/z	Y	m/z	Y

36.00	3212	75.00	247040	120.00	63	160.00	70
37.00	18000	76.00	21240	121.00	38	161.00	897
38.00	16218	77.00	1581	122.00	211	162.00	143
39.00	6062	78.00	775	123.00	280	173.00	1870
40.00	493	79.00	18936	124.00	437	174.00	349480

41.00	168	80.00	5614	125.00	155	175.00	24936
42.00	95	81.00	19688	126.00	77	176.00	336128
43.00	165	82.00	4013	128.00	2318	177.00	21488
44.00	2738	83.00	474	129.00	1053	178.00	362
45.00	3192	85.00	157	130.00	2500	179.00	89

46.00	349	86.00	134	131.00	1143	180.00	88
47.00	1978	87.00	8236	132.00	74	181.00	244
48.00	2370	88.00	8199	134.00	287	191.00	416
49.00	16920	89.00	290	135.00	1496	192.00	262
50.00	77896	91.00	1814	136.00	510	193.00	111

51.00	23376	92.00	16840	137.00	1631	194.00	76
52.00	1044	93.00	23256	138.00	90	197.00	96
53.00	8	94.00	60848	139.00	259	203.00	169
55.00	1303	95.00	413760	140.00	499	204.00	157
56.00	7123	96.00	27816	141.00	8718	207.00	514

57.00	13510	97.00	277	142.00	984	208.00	556
58.00	622	102.00	155	143.00	9204	209.00	495
59.00	35	103.00	235	144.00	549	210.00	95
60.00	4272	104.00	2865	145.00	822	211.00	68
61.00	22352	105.00	758	146.00	1064	218.00	91

62.00	23152	106.00	2797	147.00	371	219.00	7
63.00	18120	107.00	708	148.00	1539	221.00	219
64.00	1659	109.00	69	149.00	526	223.00	30
65.00	143	110.00	474	150.00	832	232.00	235
67.00	1135	111.00	712	152.00	340	239.00	155

68.00	49216	112.00	642	153.00	395	247.00	77
69.00	50000	113.00	622	154.00	447	255.00	68
70.00	4037	115.00	667	155.00	1370	262.00	78
71.00	240	116.00	2460	156.00	426		
72.00	2394	117.00	4633	157.00	1086		

Data File: /chem/C.i/Csvr.p/cfjcto15.b/cfj04pv.d

Page 4

Date : 17-APR-2007 11:37

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cfj04pv.d

Spectrum: Avg. Scans 311-313 (4.74), Background Scan 300

Location of Maximum: 95.00

Number of points: 144

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	22904	118.00	2685	158.00	143		
74.00	87760	119.00	3620	159.00	999		

Data File: /chem/C.i/Csvr.p/cfjcto15.b/cfj04pv.d

Page 1

Date : 17-APR-2007 11:37

Client ID: VBFB

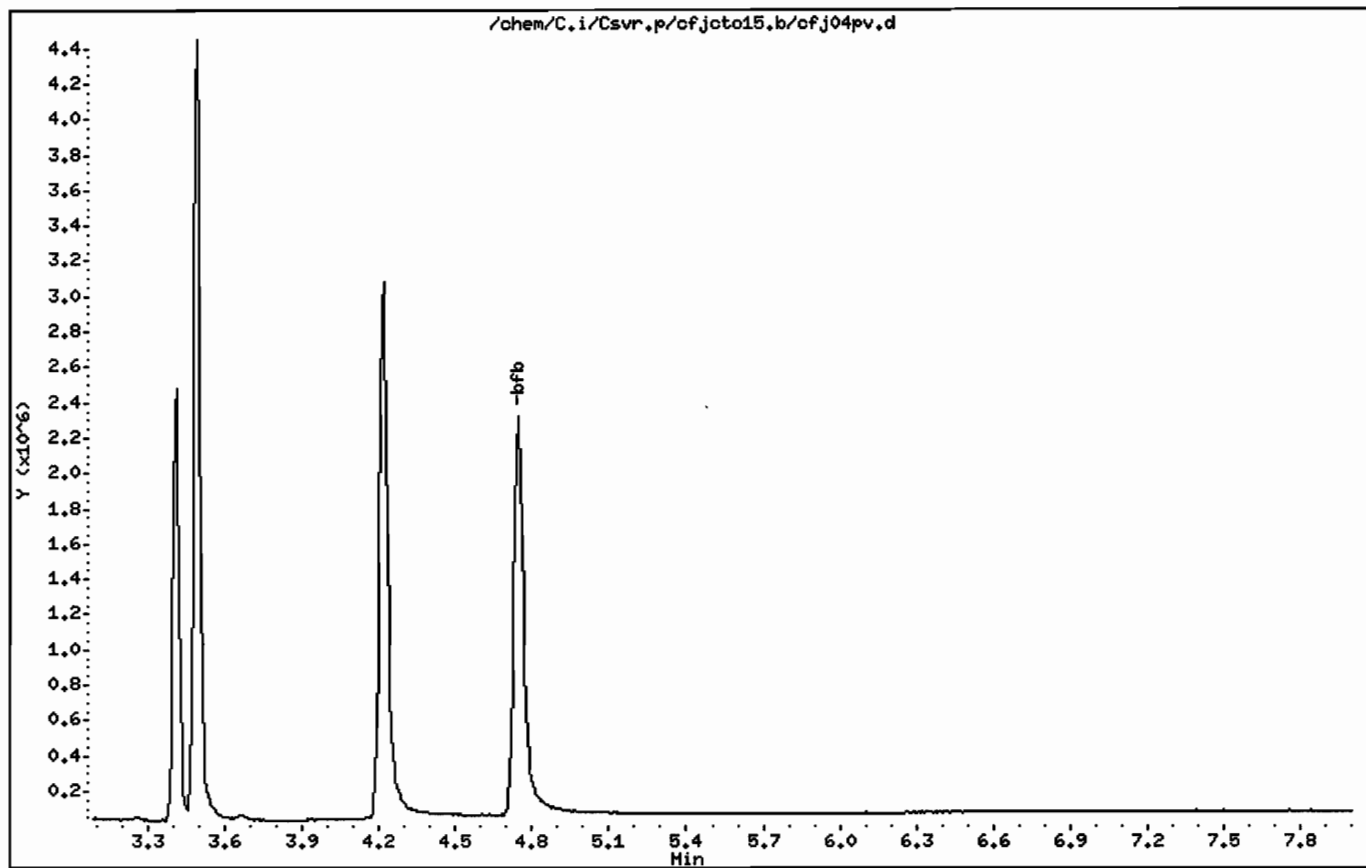
Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Date : 18-APR-2007 11:46

Client ID: VBFB

Instrument: C.i

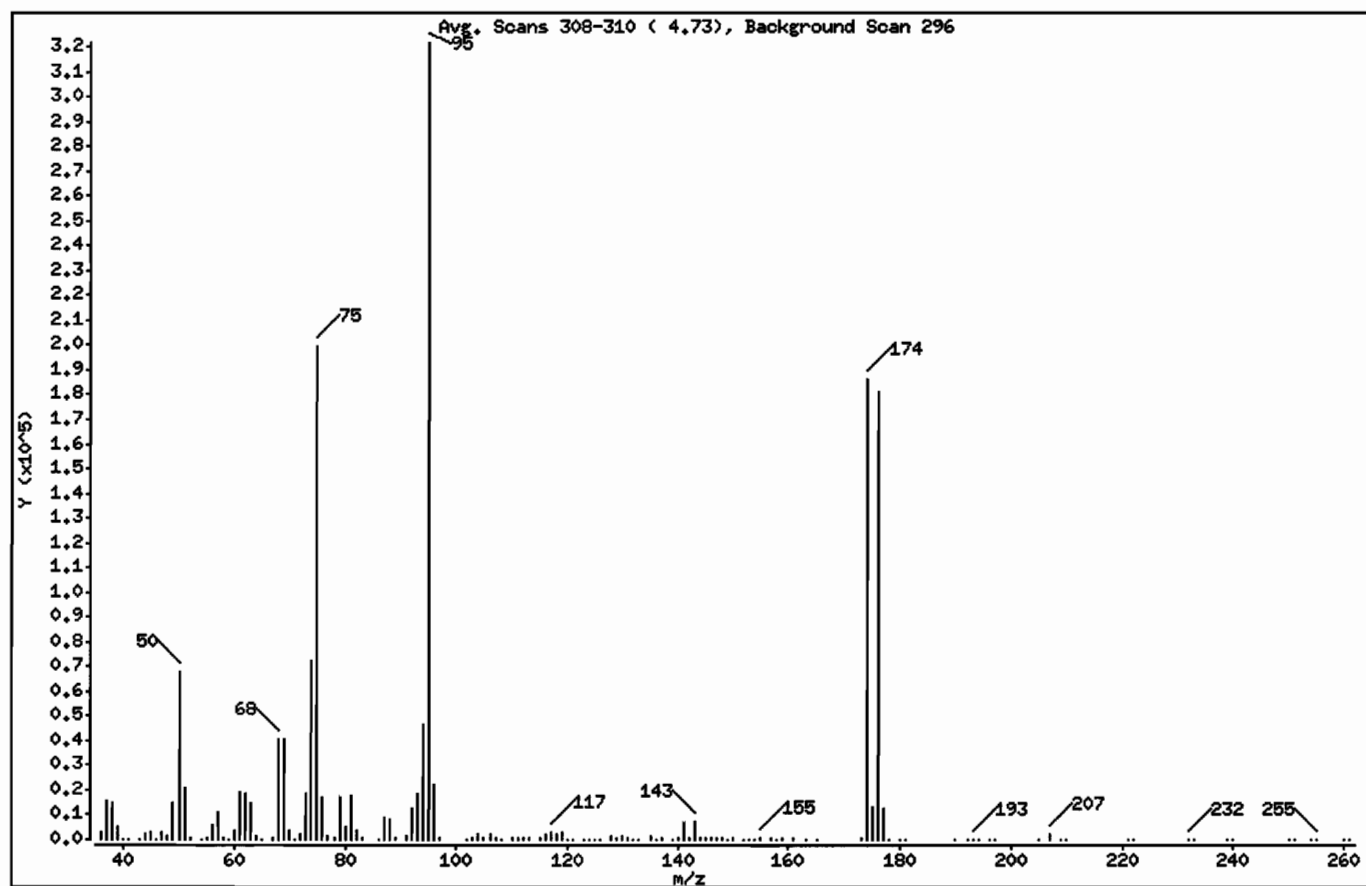
Sample Info: VBFB

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	21.06
75	30.00 - 66.00% of mass 95	62.09
96	5.00 - 9.00% of mass 95	6.96
173	Less than 2.00% of mass 174	0.25 (0.43)
174	50.00 - 120.00% of mass 95	57.99
175	4.00 - 9.00% of mass 174	4.08 (7.03)
176	93.00 - 101.00% of mass 174	56.31 (97.09)
177	5.00 - 9.00% of mass 176	3.84 (6.82)

Date : 18-APR-2007 11:46

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cfj05pv.d

Spectrum: Avg. Scans 308-310 (4.73), Background Scan 296

Location of Maximum: 95.00

Number of points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2676	74.00	72688	118.00	1873	159.00	666
37.00	15621	75.00	199616	119.00	3090	161.00	596
38.00	14430	76.00	16992	120.00	128	163.00	254
39.00	5251	77.00	1628	121.00	256	165.00	301
40.00	198	78.00	798	123.00	151	173.00	794
41.00	148	79.00	16976	124.00	256	174.00	186432
43.00	197	80.00	5113	125.00	310	175.00	13106
44.00	2140	81.00	17432	126.00	312	176.00	180992
45.00	2864	82.00	3545	128.00	1691	177.00	12353
46.00	369	83.00	600	129.00	794	178.00	209
47.00	2743	86.00	107	130.00	1707	180.00	86
48.00	1814	87.00	8756	131.00	578	181.00	75
49.00	15081	88.00	8124	132.00	143	190.00	79
50.00	67712	89.00	443	133.00	170	192.00	109
51.00	20584	91.00	1501	135.00	1174	193.00	277
52.00	962	92.00	12428	136.00	179	194.00	22
54.00	15	93.00	18352	137.00	1107	196.00	79
55.00	1033	94.00	46792	139.00	161	197.00	86
56.00	6107	95.00	321536	140.00	394	205.00	240
57.00	10861	96.00	22392	141.00	6974	207.00	1881
58.00	631	97.00	775	142.00	672	209.00	183
59.00	98	102.00	98	143.00	7259	210.00	13
60.00	3585	103.00	494	144.00	400	221.00	343
61.00	18864	104.00	2397	145.00	783	222.00	67
62.00	18488	105.00	679	146.00	754	232.00	293
63.00	15093	106.00	2509	147.00	715	233.00	75
64.00	1307	107.00	621	148.00	948	239.00	120
65.00	222	108.00	176	149.00	251	240.00	101
67.00	898	110.00	527	150.00	540	250.00	89
68.00	40632	111.00	599	152.00	265	251.00	53
69.00	40584	112.00	524	153.00	163	254.00	74
70.00	3527	113.00	602	154.00	273	255.00	216
71.00	101	115.00	672	155.00	910	260.00	140
72.00	2004	116.00	2275	157.00	684	261.00	152
73.00	18832	117.00	3180	158.00	168		

Data File: /chem/C.i/Csvr.p/cfjdt015.b/cfj05pv.d

Page 4

Date : 18-APR-2007 11:46

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cfj05pv.d

Spectrum: Avg. Scans 308-310 (4.73), Background Scan 296

Location of Maximum: 95.00

Number of points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
+-----+-----+-----+-----+							

Data File: /chem/C.i/Csvr.p/cfjdt015,b/cfj05pv.d

Page 1

Date : 18-APR-2007 11:46

Client ID: VBFB

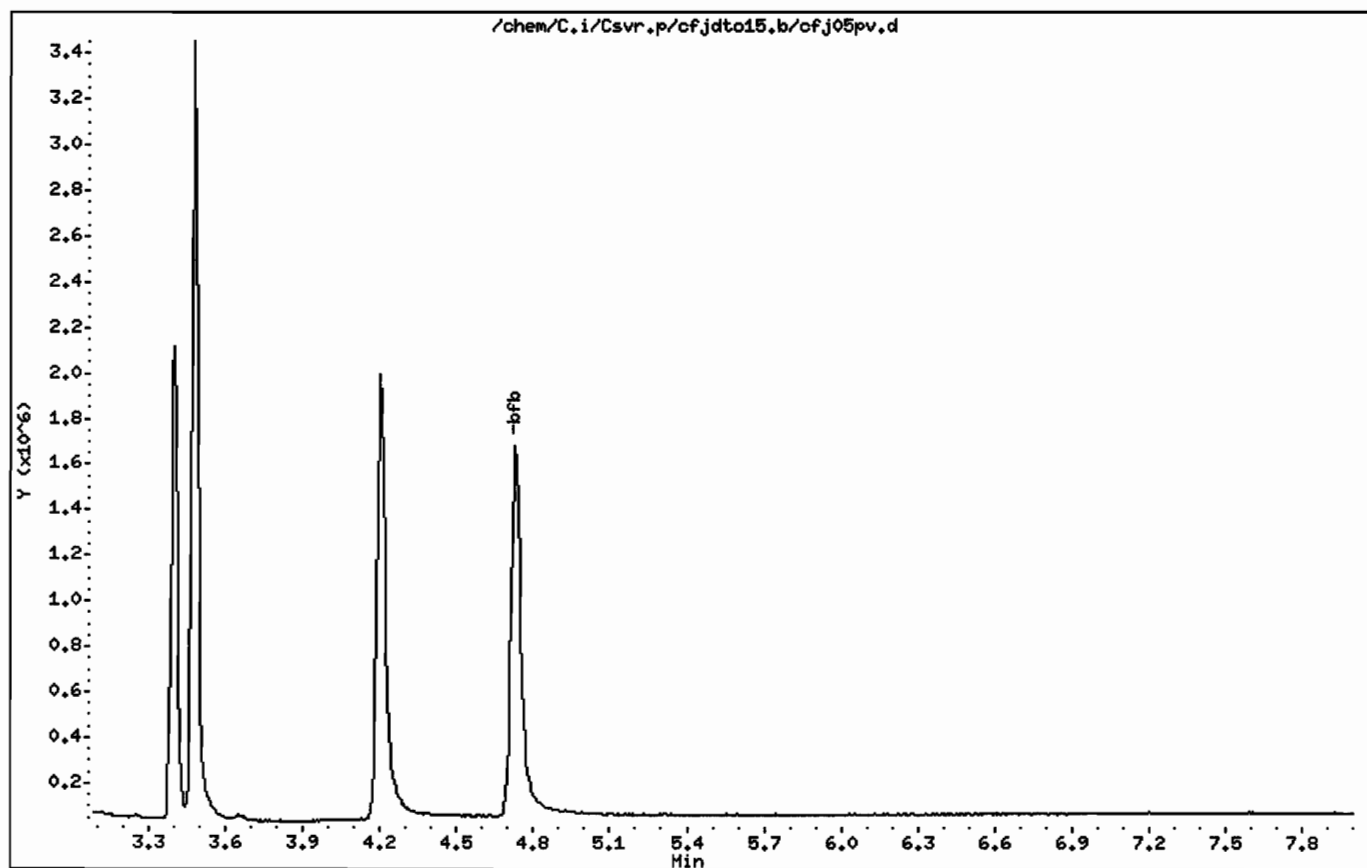
Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK041707CA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: MBLK041707CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJB01C

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/17/07

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	0.50	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
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	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
75-65-0	tert-Butyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	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
540-59-0	1,2-Dichloroethene (total)	0.20	U
78-93-3	Methyl Ethyl Ketone	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
109-99-9	Tetrahydrofuran	5.0	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

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK041707CA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: MBLK041707CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJB01C

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/17/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

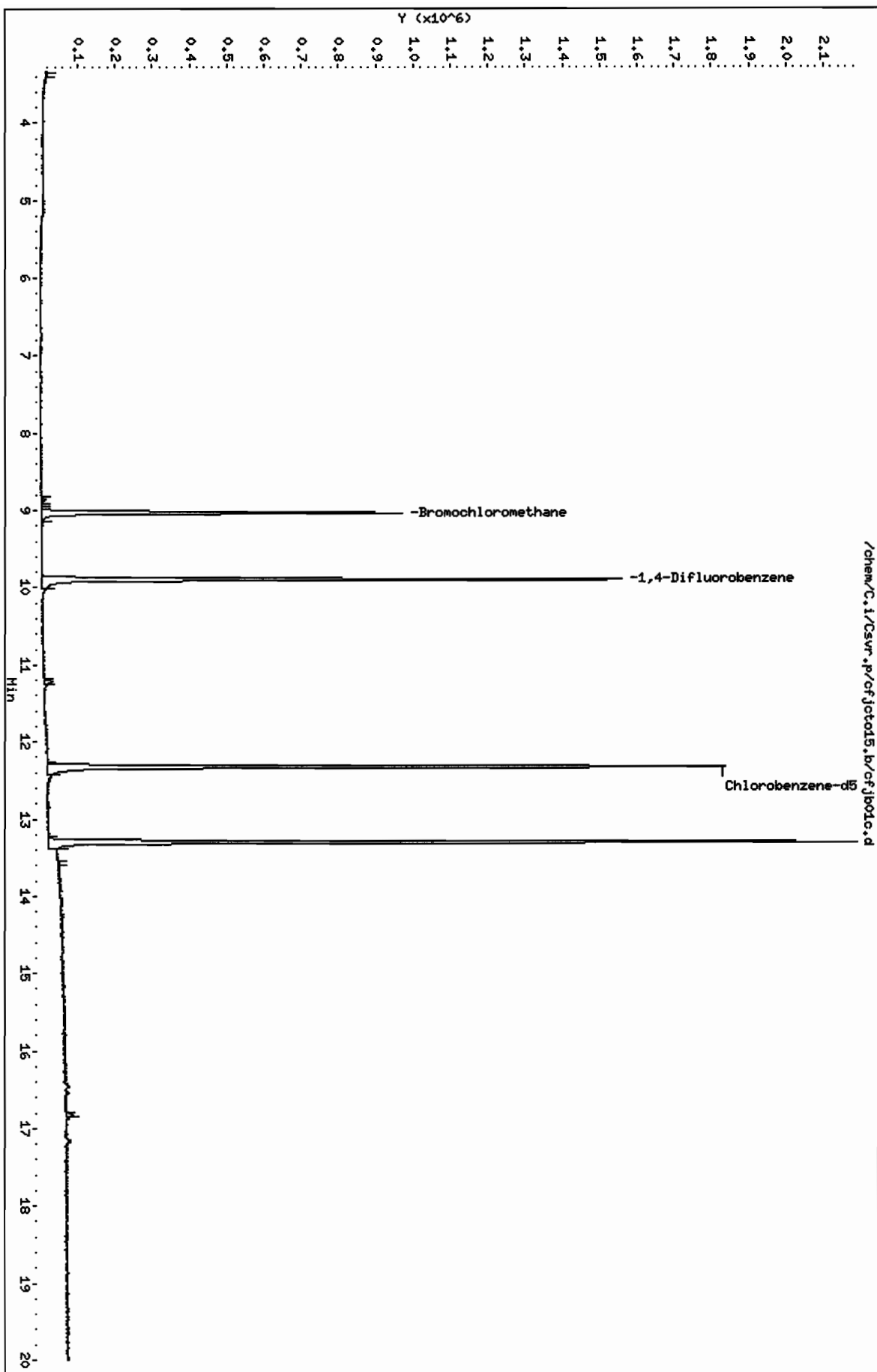
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) PPBV	Q
79-01-6-----	Trichloroethene	0.20	U
78-87-5-----	1,2-Dichloropropane	0.20	U
123-91-1-----	1,4-Dioxane	5.0	U
75-27-4-----	Bromodichloromethane	0.20	U
10061-01-5-----	cis-1,3-Dichloropropene	0.20	U
108-10-1-----	Methyl Isobutyl Ketone	0.50	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
127-18-4-----	Tetrachloroethene	0.20	U
591-78-6-----	Methyl Butyl Ketone	0.50	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
1330-20-7-----	Xylene (total)	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
91-20-3-----	Naphthalene	0.50	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjctot15.b/cfjbot10.d
Date : 17-APR-2007 14:34
Client ID: HBLK041707CA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: urd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjcto15.b/cfjb01c.d
Lab Smp Id: MBLK041707CA Client Smp ID: MBLK041707CA
Inj Date : 17-APR-2007 14:31
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : mblk041707;041707CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/cfjcto15.b/rto15.m
Meth Date : 19-Apr-2007 13:16 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all+N.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	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					
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					
12 Acetone	43					
13 Isopropyl Alcohol	45					
14 Carbon Disulfide	76					
15 3-Chloropropene	41					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49				Compound Not Detected.		
17 tert-Butyl Alcohol	59				Compound Not Detected.		
18 Methyl tert-Butyl Ether	73				Compound Not Detected.		
19 trans-1,2-Dichloroethene	61				Compound Not Detected.		
20 n-Hexane	57				Compound Not Detected.		
21 1,1-Dichloroethane	63				Compound Not Detected.		
M 22 1,2-Dichloroethene (total)	61				Compound Not Detected.		
23 Methyl Ethyl Ketone	72				Compound Not Detected.		
24 cis-1,2-Dichloroethene	96				Compound Not Detected.		
* 25 Bromochloromethane	128	9.030	9.029	(1.000)	256906	10.0000	
26 Tetrahydrofuran	42				Compound Not Detected.		
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	9.889	9.889	(1.000)	1179922	10.0000	
36 Trichloroethene	95				Compound Not Detected.		
38 1,2-Dichloropropane	63				Compound Not Detected.		
39 1,4-Dioxane	88				Compound Not Detected.		
40 Bromodichloromethane	83				Compound Not Detected.		
41 cis-1,3-Dichloropropene	75				Compound Not Detected.		
42 Methyl Isobutyl Ketone	43				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.		
47 Methyl Butyl Ketone	43				Compound Not Detected.		
48 Dibromochloromethane	129				Compound Not Detected.		
49 1,2-Dibromoethane	107				Compound Not Detected.		
* 50 Chlorobenzene-d5	117	12.317	12.317	(1.000)	1045211	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.		
M 55 Xylene (total)	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.		

Compounds	QUANT SIG						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	MASS						(ppbv)	(ppbv)
=====	----	==	=====	=====	=====		=====	=====
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.			
68 Naphthalene	128				Compound Not Detected.			

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK041807CA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: MBLK041807CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJB01D

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

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	0.50	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
67-64-1-----	Acetone	5.0	U
67-63-0-----	Isopropyl Alcohol	5.0	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
75-65-0-----	tert-Butyl Alcohol	5.0	U
1634-04-4-----	Methyl tert-Butyl Ether	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
540-59-0-----	1,2-Dichloroethene (total)	0.20	U
78-93-3-----	Methyl Ethyl Ketone	0.50	U
156-59-2-----	cis-1,2-Dichloroethene	0.20	U
109-99-9-----	Tetrahydrofuran	5.0	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

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK041807CA

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: MBLK041807CA

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJB01D

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

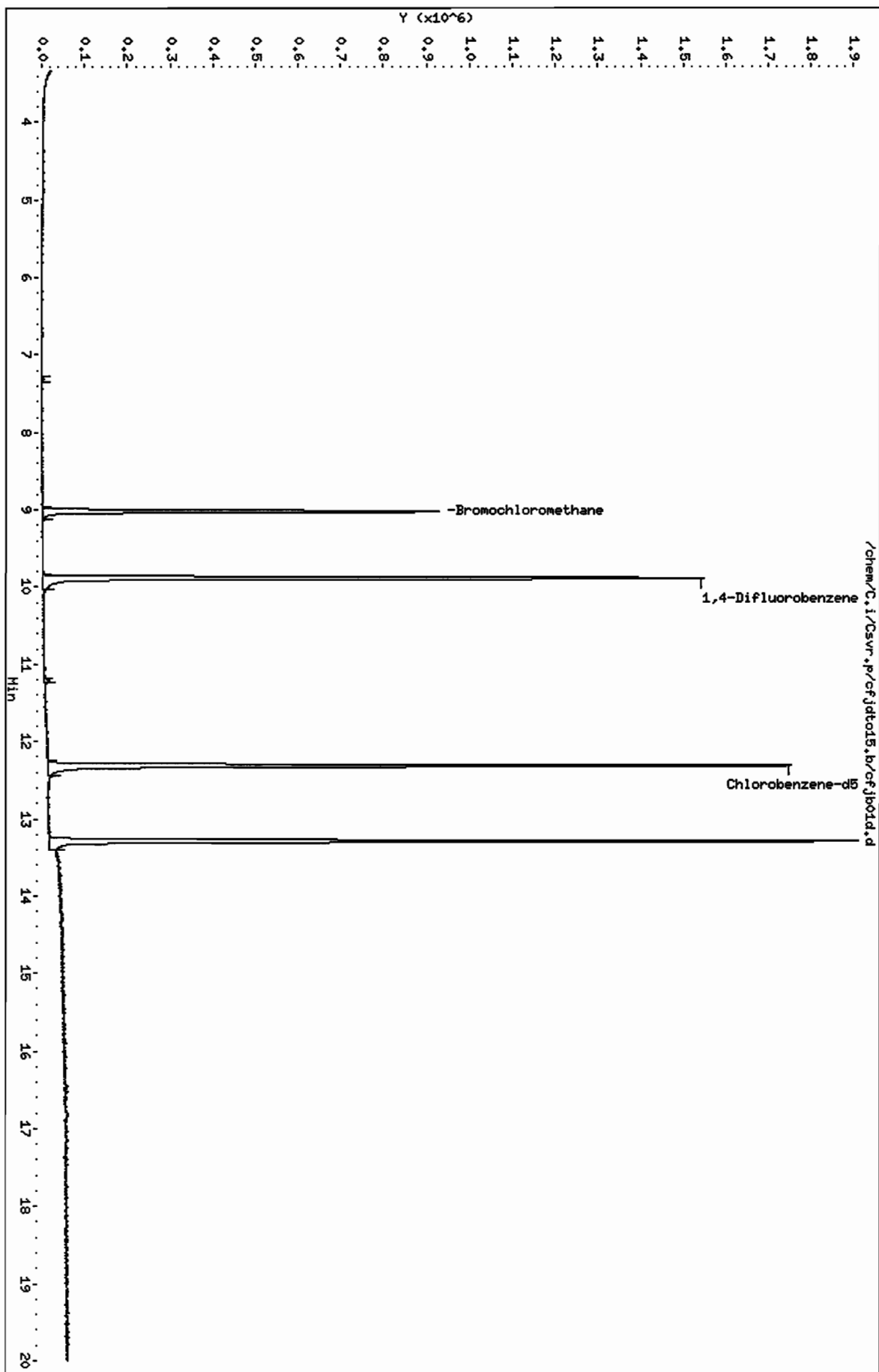
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	0.20	U
78-87-5-----	1,2-Dichloropropane	0.20	U
123-91-1-----	1,4-Dioxane	5.0	U
75-27-4-----	Bromodichloromethane	0.20	U
10061-01-5-----	cis-1,3-Dichloropropene	0.20	U
108-10-1-----	Methyl Isobutyl Ketone	0.50	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
127-18-4-----	Tetrachloroethene	0.20	U
591-78-6-----	Methyl Butyl Ketone	0.50	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
1330-20-7-----	Xylene (total)	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
91-20-3-----	Naphthalene	0.50	U

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjtdc15.b/cfjbd1d.d
 Date : 18-APR-2007 14:43
 Client ID: HBLK041807CA
 Sample Info:
 Purge Volume: 200.0
 Column phase: RTX-624

Instrument: C.i
 Operator: wrd
 Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjdto15.b/cfjb01d.d
Report Date: 19-Apr-2007 14:38

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/cfjb01d.d
Lab Smp Id: MBLK041807CA Client Smp ID: MBLK041807CA
Inj Date : 18-APR-2007 14:43
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : mblk041807;041807CA;1;200
Comment :
Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all+N.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						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							
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							
12 Acetone	43							
13 Isopropyl Alcohol	45							
14 Carbon Disulfide	76							
15 3-Chloropropene	41							

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49		Compound	Not Detected.			
17 tert-Butyl Alcohol	59		Compound	Not Detected.			
18 Methyl tert-Butyl Ether	73		Compound	Not Detected.			
19 trans-1,2-Dichloroethene	61		Compound	Not Detected.			
20 n-Hexane	57		Compound	Not Detected.			
21 1,1-Dichloroethane	63		Compound	Not Detected.			
M 22 1,2-Dichloroethene (total)	61		Compound	Not Detected.			
23 Methyl Ethyl Ketone	72		Compound	Not Detected.			
24 cis-1,2-Dichloroethene	96		Compound	Not Detected.			
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	221008	10.0000	(Q)
26 Tetrahydrofuran	42		Compound	Not Detected.			
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	9.883	9.883	(1.000)	1177011	10.0000	
36 Trichloroethene	95		Compound	Not Detected.			
38 1,2-Dichloropropane	63		Compound	Not Detected.			
39 1,4-Dioxane	88		Compound	Not Detected.			
40 Bromodichloromethane	83		Compound	Not Detected.			
41 cis-1,3-Dichloropropene	75		Compound	Not Detected.			
42 Methyl Isobutyl Ketone	43		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.			
47 Methyl Butyl Ketone	43		Compound	Not Detected.			
48 Dibromochloromethane	129		Compound	Not Detected.			
49 1,2-Dibromoethane	107		Compound	Not Detected.			
* 50 Chlorobenzene-d5	117	12.312	12.306	(1.000)	1005917	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.			
M 55 Xylene (total)	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.			

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	=====	=====	=====		-----	-----
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.			
68 Naphthalene	128				Compound Not Detected.			

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA041707LCS

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041707LCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10CQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/17/07

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	9.6	
76-14-2	1,2-Dichlorotetrafluoroethane	11	
74-87-3	Chloromethane	11	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	9.9	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	8.9	
593-60-2	Bromoethene	9.6	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	10	
75-35-4	1,1-Dichloroethene	9.5	
67-64-1	Acetone	9.3	
67-63-0	Isopropyl Alcohol	7.9	
75-15-0	Carbon Disulfide	8.4	
107-05-1	3-Chloropropene	8.0	
75-09-2	Methylene Chloride	8.8	
75-65-0	tert-Butyl Alcohol	8.5	
1634-04-4	Methyl tert-Butyl Ether	9.6	
156-60-5	trans-1,2-Dichloroethene	8.8	
110-54-3	n-Hexane	7.8	
75-34-3	1,1-Dichloroethane	8.6	
540-59-0	1,2-Dichloroethene (total)	17	
78-93-3	Methyl Ethyl Ketone	8.4	
156-59-2	cis-1,2-Dichloroethene	8.7	
109-99-9	Tetrahydrofuran	7.6	
67-66-3	Chloroform	9.3	
71-55-6	1,1,1-Trichloroethane	10	
110-82-7	Cyclohexane	8.6	
56-23-5	Carbon Tetrachloride	11	
540-84-1	2,2,4-Trimethylpentane	8.3	
71-43-2	Benzene	8.3	
107-06-2	1,2-Dichloroethane	10	
142-82-5	n-Heptane	7.9	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA041707LCS

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041707LCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10CQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/17/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

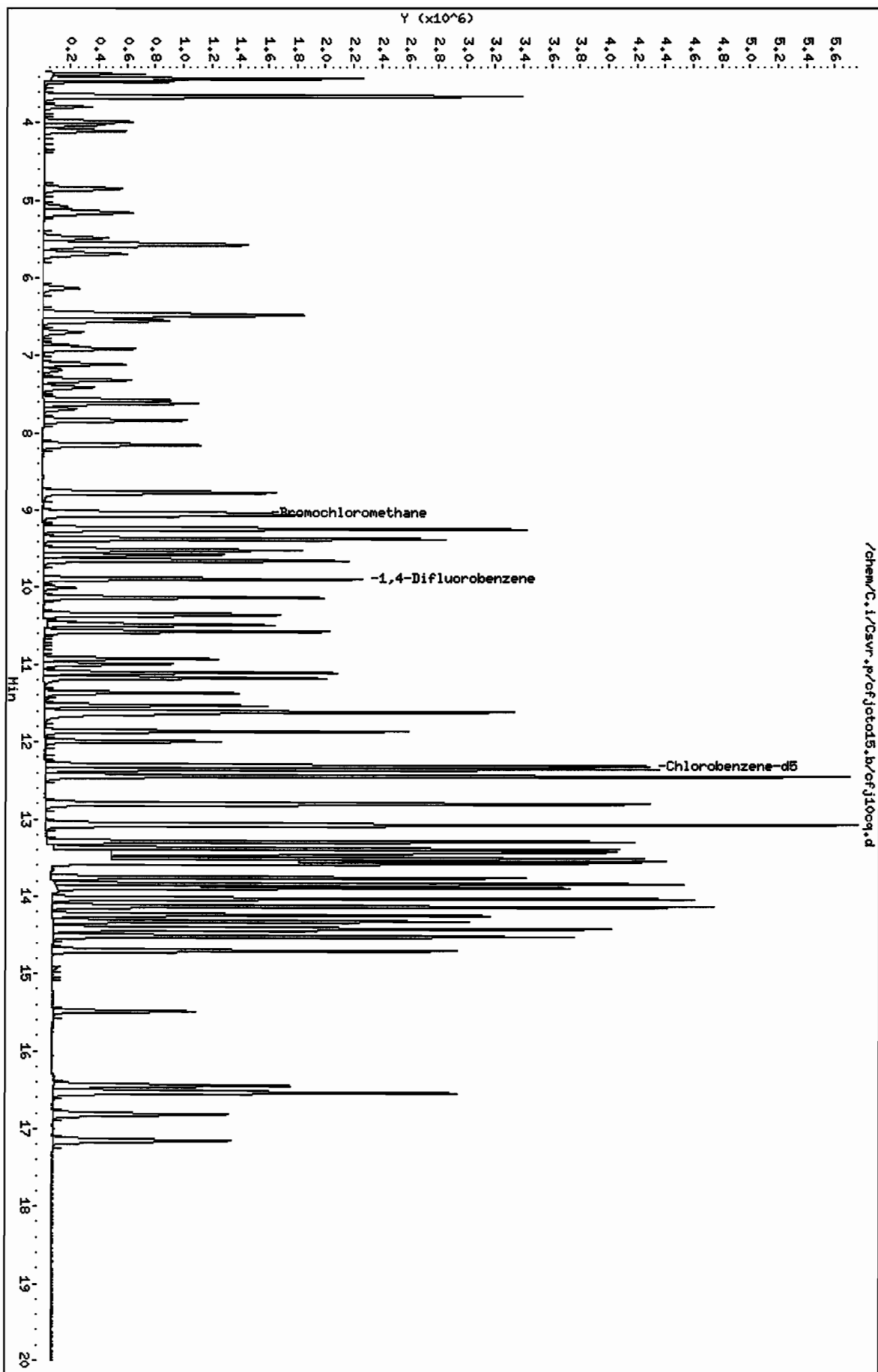
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	9.1	
78-87-5-----	1,2-Dichloropropane	7.9	
123-91-1-----	1,4-Dioxane	7.7	
75-27-4-----	Bromodichloromethane	10	
10061-01-5-----	cis-1,3-Dichloropropene	8.7	
108-10-1-----	Methyl Isobutyl Ketone	8.9	
108-88-3-----	Toluene	8.6	
10061-02-6-----	trans-1,3-Dichloropropene	9.2	
79-00-5-----	1,1,2-Trichloroethane	7.9	
127-18-4-----	Tetrachloroethene	11	
591-78-6-----	Methyl Butyl Ketone	9.2	
124-48-1-----	Dibromochloromethane	11	
106-93-4-----	1,2-Dibromoethane	8.8	
108-90-7-----	Chlorobenzene	8.6	
100-41-4-----	Ethylbenzene	8.9	
1330-20-7-----	Xylene (m,p)	18	
95-47-6-----	Xylene (o)	8.6	
1330-20-7-----	Xylene (total)	26	
100-42-5-----	Styrene	9.1	
75-25-2-----	Bromoform	12	
79-34-5-----	1,1,2,2-Tetrachloroethane	8.0	
622-96-8-----	4-Ethyltoluene	11	
108-67-8-----	1,3,5-Trimethylbenzene	9.0	
95-49-8-----	2-Chlorotoluene	9.5	
95-63-6-----	1,2,4-Trimethylbenzene	9.5	
541-73-1-----	1,3-Dichlorobenzene	9.8	
106-46-7-----	1,4-Dichlorobenzene	9.7	
95-50-1-----	1,2-Dichlorobenzene	9.3	
120-82-1-----	1,2,4-Trichlorobenzene	8.6	
87-68-3-----	Hexachlorobutadiene	8.2	
91-20-3-----	Naphthalene	7.6	

FORM I VOA

Data File: /chem/C.i/Csvr.p/cfjtot05.b/cfj100q.d
Date : 17-APR-2007 13:04
Client ID: CA041707LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: wrd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjcto15.b/cfj10cq.d
 Lab Smp Id: CA041707LCS Client Smp ID: CA041707LCS
 Inj Date : 17-APR-2007 13:04
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : CA041707LCS;041707CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/cfjcto15.b/rto15.m
 Meth Date : 19-Apr-2007 13:16 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 10 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15all+N.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		3.426	3.431	(0.379)	2244731	9.62978	9.6
2 1,2-Dichlorotetrafluoroethane	85		3.655	3.655	(0.405)	2260813	10.5915	11
3 Chloromethane	50		3.794	3.799	(0.420)	421111	11.3923	11
4 Vinyl Chloride	62		4.029	4.034	(0.446)	550891	10.3485	10
5 1,3-Butadiene	54		4.104	4.109	(0.454)	351644	9.93562	9.9
6 Bromomethane	94		4.851	4.851	(0.537)	521754	10.0440	10
7 Chloroethane	64		5.086	5.085	(0.563)	217566	8.85635	8.9
8 Bromoethene	106		5.486	5.491	(0.608)	439174	9.61212	9.6
9 Trichlorofluoromethane	101		5.577	5.576	(0.618)	2161903	10.9652	11
10 Freon TF	101		6.473	6.473	(0.717)	1102310	10.3730	10
11 1,1-Dichloroethene	96		6.548	6.548	(0.725)	414438	9.48293	9.5
12 Acetone	43		6.692	6.697	(0.741)	513167	9.27629	9.3
13 Isopropyl Alcohol	45		6.863	6.863	(0.760)	323710	7.92178	7.9
14 Carbon Disulfide	76		6.911	6.916	(0.765)	1082893	8.40630	8.4
15 3-Chloropropene	41		7.108	7.113	(0.787)	397882	8.00330	8.0

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
=====	----	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.316	7.316	(0.810)	443870	8.77950	8.8
17 tert-Butyl Alcohol	59	7.407	7.407	(0.820)	580393	8.50361	8.5
18 Methyl tert-Butyl Ether	73	7.573	7.572	(0.839)	1296789	9.55954	9.6
19 trans-1,2-Dichloroethene	61	7.615	7.615	(0.843)	644546	8.77970	8.8
20 n-Hexane	57	7.834	7.834	(0.868)	533130	7.84703	7.8
21 1,1-Dichloroethane	63	8.160	8.160	(0.904)	737967	8.61954	8.6
M 22 1,2-Dichloroethene (total)	61				1070594	17.4977	17
23 Methyl Ethyl Ketone	72	8.773	8.773	(0.972)	152349	8.44020	8.4
24 cis-1,2-Dichloroethene	96	8.779	8.779	(0.972)	426048	8.71795	8.7
* 25 Bromochloromethane	128	9.030	9.029	(1.000)	358502	10.0000	
26 Tetrahydrofuran	42	9.046	9.045	(0.915)	314044	7.59370	7.6
27 Chloroform	83	9.062	9.061	(1.004)	1122874	9.30163	9.3
28 1,1,1-Trichloroethane	97	9.238	9.238	(0.934)	1618657	10.4482	10
29 Cyclohexane	84	9.243	9.243	(0.935)	619547	8.57965	8.6
30 Carbon Tetrachloride	117	9.366	9.371	(0.947)	1966823	11.0013	11
31 2,2,4-Trimethylpentane	57	9.515	9.515	(0.962)	1716382	8.30554	8.3
32 Benzene	78	9.574	9.579	(0.968)	1074607	8.26632	8.3
33 1,2-Dichloroethane	62	9.638	9.643	(0.975)	845744	10.4602	10
34 n-Heptane	43	9.654	9.654	(0.976)	576361	7.90546	7.9
* 35 1,4-Difluorobenzene	114	9.889	9.889	(1.000)	1678161	10.0000	
36 Trichloroethene	95	10.129	10.129	(1.024)	621046	9.13114	9.1
38 1,2-Dichloropropane	63	10.358	10.364	(1.047)	354889	7.89128	7.9
39 1,4-Dioxane	88	10.444	10.438	(1.056)	120584	7.68942	7.7
40 Bromodichloromethane	83	10.567	10.566	(1.069)	1280806	10.4557	10
41 cis-1,3-Dichloropropene	75	10.924	10.924	(1.105)	665645	8.69025	8.7
42 Methyl Isobutyl Ketone	43	10.994	10.993	(1.112)	603696	8.87587	8.9
43 Toluene	92	11.175	11.175	(0.907)	822243	8.62814	8.6
44 trans-1,3-Dichloropropene	75	11.367	11.367	(1.149)	782837	9.19691	9.2
45 1,1,2-Trichloroethane	83	11.533	11.532	(0.936)	367255	7.88402	7.9
46 Tetrachloroethene	166	11.613	11.613	(0.943)	853162	10.5481	11
47 Methyl Butyl Ketone	43	11.650	11.650	(0.946)	590727	9.16207	9.2
48 Dibromochloromethane	129	11.863	11.863	(0.963)	1348604	11.1223	11
49 1,2-Dibromoethane	107	11.997	11.997	(0.974)	772452	8.76624	8.8
* 50 Chlorobenzene-d5	117	12.317	12.317	(1.000)	1797045	10.0000	
51 Chlorobenzene	112	12.344	12.344	(1.002)	1263458	8.61362	8.6
52 Ethylbenzene	91	12.354	12.360	(1.003)	2134106	8.92488	8.9
53 Xylene (m,p)	106	12.445	12.445	(1.010)	1666354	17.6737	18 (Q)
54 Xylene (o)	106	12.797	12.797	(1.039)	803422	8.56662	8.6 (Q)
M 55 Xylene (total)	106				2469776	26.3344	26
56 Styrene	104	12.808	12.808	(1.040)	1189456	9.14730	9.1
57 Bromoform	173	13.064	13.064	(1.061)	1258089	11.7372	12
58 1,1,2,2-Tetrachloroethane	83	13.374	13.374	(1.086)	1060532	8.02250	8.0
59 4-Ethyltoluene	105	13.507	13.507	(1.097)	2843916	10.8421	11
60 1,3,5-Trimethylbenzene	105	13.545	13.550	(1.100)	2455987	9.00542	9.0
61 2-Chlorotoluene	91	13.577	13.576	(1.102)	2307536	9.46533	9.5
62 1,2,4-Trimethylbenzene	105	13.891	13.891	(1.128)	2281057	9.53762	9.5
63 1,3-Dichlorobenzene	146	14.244	14.244	(1.156)	1343130	9.81800	9.8

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
*****	----	--	-----	-----	-----	-----	-----
64 1,4-Dichlorobenzene	146	14.324	14.324	(1.163)	1279972	9.71855	9.7
65 1,2-Dichlorobenzene	146	14.703	14.703	(1.194)	1298179	9.30067	9.3
66 1,2,4-Trichlorobenzene	180	16.448	16.448	(1.335)	669796	8.55774	8.6
67 Hexachlorobutadiene	225	16.533	16.538	(1.342)	545325	8.18785	8.2
68 Naphthalene	128	16.816	16.821	(1.365)	1463028	7.63392	7.6

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA041707LCSD

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041707LCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10CQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/17/07

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	10	
76-14-2-----	1,2-Dichlorotetrafluoroethane	11	
74-87-3-----	Chloromethane	11	
75-01-4-----	Vinyl Chloride	10	
106-99-0-----	1,3-Butadiene	9.7	
74-83-9-----	Bromomethane	9.9	
75-00-3-----	Chloroethane	8.6	
593-60-2-----	Bromoethene	9.6	
75-69-4-----	Trichlorofluoromethane	11	
76-13-1-----	Freon TF	10	
75-35-4-----	1,1-Dichloroethene	9.6	
67-64-1-----	Acetone	9.8	
67-63-0-----	Isopropyl Alcohol	8.3	
75-15-0-----	Carbon Disulfide	8.7	
107-05-1-----	3-Chloropropene	8.3	
75-09-2-----	Methylene Chloride	9.0	
75-65-0-----	tert-Butyl Alcohol	9.0	
1634-04-4-----	Methyl tert-Butyl Ether	10	
156-60-5-----	trans-1,2-Dichloroethene	8.8	
110-54-3-----	n-Hexane	8.1	
75-34-3-----	1,1-Dichloroethane	8.7	
540-59-0-----	1,2-Dichloroethene (total)	17	
78-93-3-----	Methyl Ethyl Ketone	8.9	
156-59-2-----	cis-1,2-Dichloroethene	8.6	
109-99-9-----	Tetrahydrofuran	8.0	
67-66-3-----	Chloroform	9.3	
71-55-6-----	1,1,1-Trichloroethane	10	
110-82-7-----	Cyclohexane	8.6	
56-23-5-----	Carbon Tetrachloride	11	
540-84-1-----	2,2,4-Trimethylpentane	8.6	
71-43-2-----	Benzene	8.3	
107-06-2-----	1,2-Dichloroethane	10	
142-82-5-----	n-Heptane	8.1	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA041707LCSD

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041707LCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10CQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/17/07

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

79-01-6-----	Trichloroethene	9.1	
78-87-5-----	1,2-Dichloropropane	8.2	
123-91-1-----	1,4-Dioxane	7.9	
75-27-4-----	Bromodichloromethane	10	
10061-01-5-----	cis-1,3-Dichloropropene	8.9	
108-10-1-----	Methyl Isobutyl Ketone	9.4	
108-88-3-----	Toluene	8.6	
10061-02-6-----	trans-1,3-Dichloropropene	9.3	
79-00-5-----	1,1,2-Trichloroethane	8.0	
127-18-4-----	Tetrachloroethene	10	
591-78-6-----	Methyl Butyl Ketone	9.7	
124-48-1-----	Dibromochloromethane	11	
106-93-4-----	1,2-Dibromoethane	8.8	
108-90-7-----	Chlorobenzene	8.5	
100-41-4-----	Ethylbenzene	9.0	
1330-20-7-----	Xylene (m,p)	18	
95-47-6-----	Xylene (o)	8.5	
1330-20-7-----	Xylene (total)	26	
100-42-5-----	Styrene	9.1	
75-25-2-----	Bromoform	12	
79-34-5-----	1,1,2,2-Tetrachloroethane	8.1	
622-96-8-----	4-Ethyltoluene	10	
108-67-8-----	1,3,5-Trimethylbenzene	9.2	
95-49-8-----	2-Chlorotoluene	9.5	
95-63-6-----	1,2,4-Trimethylbenzene	9.5	
541-73-1-----	1,3-Dichlorobenzene	9.5	
106-46-7-----	1,4-Dichlorobenzene	9.5	
95-50-1-----	1,2-Dichlorobenzene	9.1	
120-82-1-----	1,2,4-Trichlorobenzene	8.3	
87-68-3-----	Hexachlorobutadiene	8.0	
91-20-3-----	Naphthalene	7.3	

FORM I VOA

Data File: /chem/C.i/Csвр.р/сfјсtсd5.b/сfјlссqд.d

Date : 17-APR-2007 13:47

Client ID: C0041707LCSD

Sample Info:

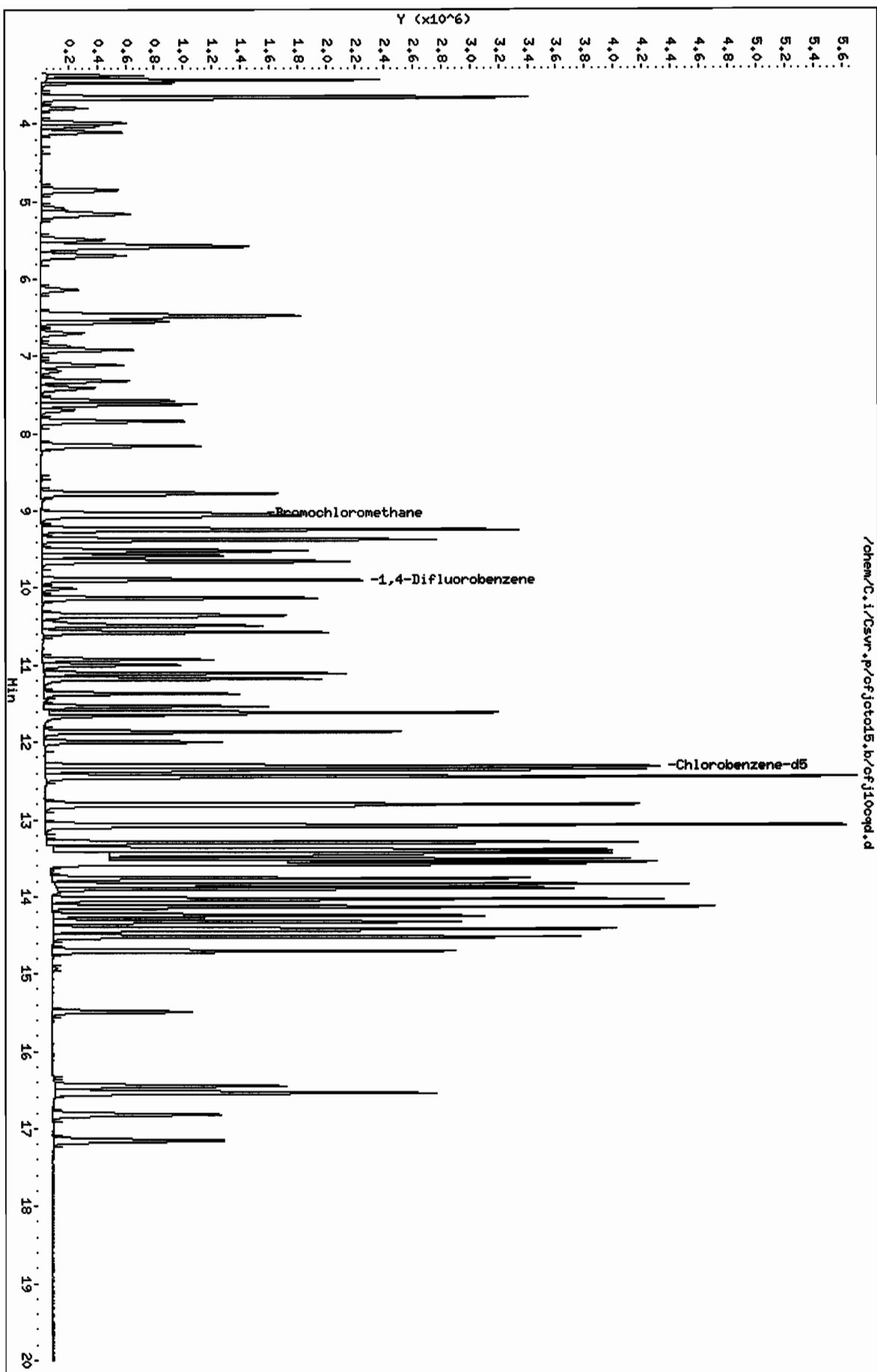
Purge Volume: 200.0

Column phase: RTX-624

Instrument: C.i

Operator: urd

Column diameter: 0.32



Data File: /chem/C.i/Csvr.p/cfjcto15.b/cfj10cqd.d
 Report Date: 19-Apr-2007 13:16

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjcto15.b/cfj10cqd.d
 Lab Smp Id: CA041707LCSD Client Smp ID: CA041707LCSD
 Inj Date : 17-APR-2007 13:47
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : CA041707LCSD;041707CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/cfjcto15.b/rto15.m
 Meth Date : 19-Apr-2007 13:16 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 10 QC Sample: LCSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15all+N.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	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ppbv)	(ppbv)
1 Dichlorodifluoromethane	85	3.431	3.431	(0.380)	2336054	10.1966	10
2 1,2-Dichlorotetrafluoroethane	85	3.655	3.655	(0.405)	2274450	10.8416	11
3 Chloromethane	50	3.799	3.799	(0.421)	400902	11.0351	11
4 Vinyl Chloride	62	4.034	4.034	(0.447)	528605	10.1033	10
5 1,3-Butadiene	54	4.109	4.109	(0.455)	336938	9.68644	9.7
6 Bromomethane	94	4.851	4.851	(0.537)	503233	9.85674	9.9
7 Chloroethane	64	5.085	5.085	(0.563)	207774	8.60552	8.6
8 Bromoethene	106	5.486	5.491	(0.608)	430246	9.58123	9.6
9 Trichlorofluoromethane	101	5.576	5.576	(0.618)	2131923	11.0020	11
10 Freon TF	101	6.473	6.473	(0.717)	1071510	10.2594	10
11 1,1-Dichloroethene	96	6.548	6.548	(0.725)	412697	9.60807	9.6
12 Acetone	43	6.697	6.697	(0.742)	532193	9.78829	9.8
13 Isopropyl Alcohol	45	6.868	6.863	(0.761)	333496	8.30385	8.3
14 Carbon Disulfide	76	6.916	6.916	(0.766)	1095272	8.65094	8.7
15 3-Chloropropene	41	7.113	7.113	(0.788)	405779	8.30475	8.3

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.316	7.316	(0.810)	444952	8.95467	9.0
17 tert-Butyl Alcohol	59	7.407	7.407	(0.820)	607048	9.04954	9.0
18 Methyl tert-Butyl Ether	73	7.572	7.572	(0.839)	1330963	9.98288	10
19 trans-1,2-Dichloroethene	61	7.620	7.615	(0.844)	638261	8.84599	8.8
20 n-Hexane	57	7.839	7.834	(0.868)	538453	8.06385	8.1
21 1,1-Dichloroethane	63	8.159	8.160	(0.904)	733973	8.72268	8.7
M 22 1,2-Dichloroethene (total)	61				1050029	17.4189	17
23 Methyl Ethyl Ketone	72	8.773	8.773	(0.972)	157289	8.86612	8.9
24 cis-1,2-Dichloroethene	96	8.779	8.779	(0.972)	411768	8.57296	8.6
* 25 Bromochloromethane	128	9.029	9.029	(1.000)	352346	10.0000	
26 Tetrahydrofuran	42	9.051	9.045	(0.915)	324940	7.97359	8.0
27 Chloroform	83	9.061	9.061	(1.004)	1100578	9.27622	9.3
28 1,1,1-Trichloroethane	97	9.238	9.238	(0.934)	1589769	10.4138	10
29 Cyclohexane	84	9.243	9.243	(0.934)	609537	8.56610	8.6
30 Carbon Tetrachloride	117	9.371	9.371	(0.947)	1915211	10.8714	11
31 2,2,4-Trimethylpentane	57	9.515	9.515	(0.962)	1744405	8.56622	8.6
32 Benzene	78	9.579	9.579	(0.968)	1058202	8.26074	8.3
33 1,2-Dichloroethane	62	9.643	9.643	(0.975)	829163	10.4071	10
34 n-Heptane	43	9.659	9.654	(0.976)	584428	8.13489	8.1
* 35 1,4-Difluorobenzene	114	9.894	9.889	(1.000)	1653658	10.0000	
36 Trichloroethene	95	10.129	10.129	(1.024)	607182	9.05958	9.1
38 1,2-Dichloropropane	63	10.364	10.364	(1.047)	362604	8.18230	8.2 (Q)
39 1,4-Dioxane	88	10.444	10.438	(1.056)	121725	7.87720	7.9
40 Bromodichloromethane	83	10.572	10.566	(1.068)	1259882	10.4373	10
41 cis-1,3-Dichloropropene	75	10.929	10.924	(1.105)	668560	8.85764	8.9
42 Methyl Isobutyl Ketone	43	10.999	10.993	(1.112)	627209	9.35822	9.4
43 Toluene	92	11.175	11.175	(0.907)	806871	8.60583	8.6
44 trans-1,3-Dichloropropene	75	11.367	11.367	(1.149)	783686	9.34330	9.3
45 1,1,2-Trichloroethane	83	11.532	11.532	(0.936)	366628	7.99977	8.0
46 Tetrachloroethene	166	11.612	11.613	(0.943)	818046	10.2800	10
47 Methyl Butyl Ketone	43	11.650	11.650	(0.946)	614240	9.68316	9.7
48 Dibromochloromethane	129	11.863	11.863	(0.963)	1309665	10.9784	11
49 1,2-Dibromoethane	107	11.997	11.997	(0.974)	766017	8.83593	8.8
* 50 Chlorobenzene-d5	117	12.317	12.317	(1.000)	1768019	10.0000	
51 Chlorobenzene	112	12.344	12.344	(1.002)	1229638	8.52068	8.5
52 Ethylbenzene	91	12.360	12.360	(1.003)	2115510	8.99236	9.0
53 Xylene (m,p)	106	12.445	12.445	(1.010)	1631907	17.5925	18 (Q)
54 Xylene (o)	106	12.797	12.797	(1.039)	782814	8.48391	8.5 (Q)
M 55 Xylene (total)	106				2414721	26.1701	26
56 Styrene	104	12.813	12.808	(1.040)	1162318	9.08535	9.1
57 Bromoform	173	13.064	13.064	(1.061)	1235626	11.7169	12
58 1,1,2,2-Tetrachloroethane	83	13.374	13.374	(1.086)	1047132	8.05118	8.1
59 4-Ethyltoluene	105	13.507	13.507	(1.097)	2698996	10.4585	10
60 1,3,5-Trimethylbenzene	105	13.550	13.550	(1.100)	2470926	9.20894	9.2
61 2-Chlorotoluene	91	13.576	13.576	(1.102)	2282821	9.51768	9.5
62 1,2,4-Trimethylbenzene	105	13.891	13.891	(1.128)	2232261	9.48683	9.5
63 1,3-Dichlorobenzene	146	14.244	14.244	(1.156)	1279576	9.50699	9.5

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	----	==	=====	=====	=====	(ppbv)	(ppbv)	=====
64 1,4-Dichlorobenzene	146	14.324	14.324	(1.163)	1230675	9.49766	9.5	
65 1,2-Dichlorobenzene	146	14.703	14.703	(1.194)	1243562	9.05564	9.1	
66 1,2,4-Trichlorobenzene	180	16.448	16.448	(1.335)	636027	8.25969	8.3	
67 Hexachlorobutadiene	225	16.538	16.538	(1.343)	525005	8.01216	8.0	
68 Naphthalene	128	16.821	16.821	(1.366)	1367566	7.25296	7.3	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA041807LCS

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041807LCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10DQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

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	14	_____
76-14-2-----	1,2-Dichlorotetrafluoroethane	12	_____
74-87-3-----	Chloromethane	9.8	_____
75-01-4-----	Vinyl Chloride	9.6	_____
106-99-0-----	1,3-Butadiene	9.8	_____
74-83-9-----	Bromomethane	10	_____
75-00-3-----	Chloroethane	11	_____
593-60-2-----	Bromoethene	10	_____
75-69-4-----	Trichlorofluoromethane	11	_____
76-13-1-----	Freon TF	12	_____
75-35-4-----	1,1-Dichloroethene	12	_____
67-64-1-----	Acetone	13	_____
67-63-0-----	Isopropyl Alcohol	12	_____
75-15-0-----	Carbon Disulfide	12	_____
107-05-1-----	3-Chloropropene	12	_____
75-09-2-----	Methylene Chloride	13	_____
75-65-0-----	tert-Butyl Alcohol	12	_____
1634-04-4-----	Methyl tert-Butyl Ether	12	_____
156-60-5-----	trans-1,2-Dichloroethene	12	_____
110-54-3-----	n-Hexane	12	_____
75-34-3-----	1,1-Dichloroethane	12	_____
540-59-0-----	1,2-Dichloroethene (total)	23	_____
78-93-3-----	Methyl Ethyl Ketone	12	_____
156-59-2-----	cis-1,2-Dichloroethene	11	_____
109-99-9-----	Tetrahydrofuran	11	_____
67-66-3-----	Chloroform	12	_____
71-55-6-----	1,1,1-Trichloroethane	11	_____
110-82-7-----	Cyclohexane	10	_____
56-23-5-----	Carbon Tetrachloride	11	_____
540-84-1-----	2,2,4-Trimethylpentane	12	_____
71-43-2-----	Benzene	10	_____
107-06-2-----	1,2-Dichloroethane	11	_____
142-82-5-----	n-Heptane	11	_____

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA041807LCS

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041807LCS

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10DQ

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

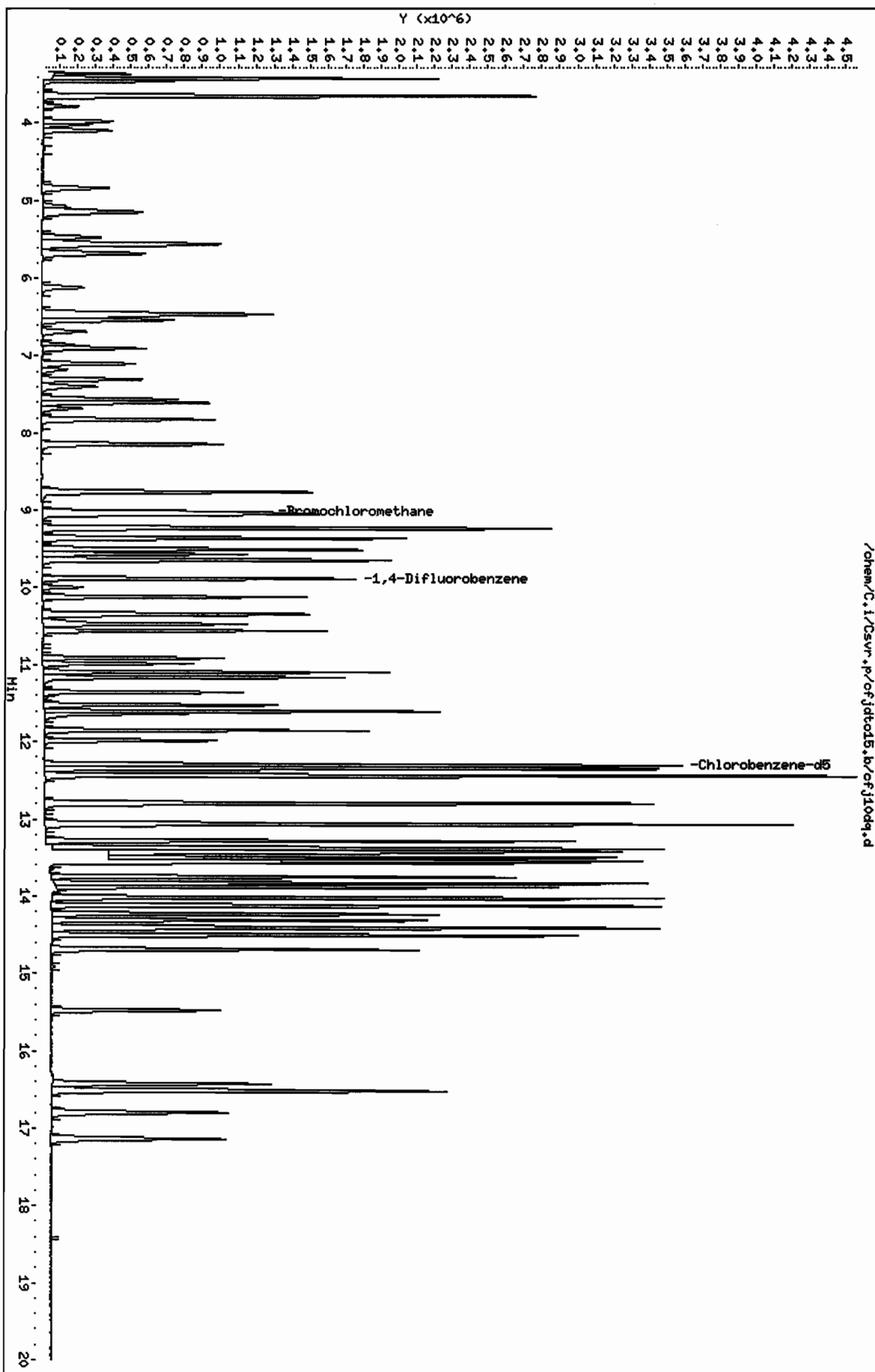
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q

79-01-6-----	Trichloroethene	10	
78-87-5-----	1,2-Dichloropropane	11	
123-91-1-----	1,4-Dioxane	9.4	
75-27-4-----	Bromodichloromethane	11	
10061-01-5-----	cis-1,3-Dichloropropene	11	
108-10-1-----	Methyl Isobutyl Ketone	12	
108-88-3-----	Toluene	10	
10061-02-6-----	trans-1,3-Dichloropropene	11	
79-00-5-----	1,1,2-Trichloroethane	10	
127-18-4-----	Tetrachloroethene	8.3	
591-78-6-----	Methyl Butyl Ketone	13	
124-48-1-----	Dibromochloromethane	11	
106-93-4-----	1,2-Dibromoethane	9.8	
108-90-7-----	Chlorobenzene	9.0	
100-41-4-----	Ethylbenzene	11	
1330-20-7-----	Xylene (m,p)	19	
95-47-6-----	Xylene (o)	9.5	
1330-20-7-----	Xylene (total)	28	
100-42-5-----	Styrene	10	
75-25-2-----	Bromoform	10	
79-34-5-----	1,1,2,2-Tetrachloroethane	10	
622-96-8-----	4-Ethyltoluene	11	
108-67-8-----	1,3,5-Trimethylbenzene	9.9	
95-49-8-----	2-Chlorotoluene	11	
95-63-6-----	1,2,4-Trimethylbenzene	10	
541-73-1-----	1,3-Dichlorobenzene	8.5	
106-46-7-----	1,4-Dichlorobenzene	8.5	
95-50-1-----	1,2-Dichlorobenzene	8.2	
120-82-1-----	1,2,4-Trichlorobenzene	7.4	
87-68-3-----	Hexachlorobutadiene	8.7	
91-20-3-----	Naphthalene	8.2	

FORM I VOA

Data File: /chem/C.i/Csvr.p/ofjdtot15.b/ofj10d9.d
Date : 18-APR-2007 13:17
Client ID: CP041807LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: C.i
Operator: urd
Column diameter: 0.32



STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/cfj10dq.d
 Lab Smp Id: CA041807LCS Client Smp ID: CA041807LCS
 Inj Date : 18-APR-2007 13:17
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : CA041807LCS;041807CA;1;200
 Comment :
 Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
 Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
 Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
 Als bottle: 10 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15all+N.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	3.420	3.421	(0.379)	2121736	13.8929	14 (R)
2 1,2-Dichlorotetrafluoroethane	85	3.644	3.650	(0.404)	1686760	12.0613	12
3 Chloromethane	50	3.789	3.783	(0.420)	236193	9.75282	9.8
4 Vinyl Chloride	62	4.018	4.018	(0.446)	336073	9.63591	9.6
5 1,3-Butadiene	54	4.098	4.098	(0.454)	227192	9.79792	9.8
6 Bromomethane	94	4.835	4.840	(0.536)	338831	9.95576	10
7 Chloroethane	64	5.069	5.075	(0.562)	174468	10.8400	11
8 Bromoethene	106	5.475	5.481	(0.607)	306673	10.2449	10
9 Trichlorofluoromethane	101	5.560	5.561	(0.617)	1460577	11.3071	11
10 Freon TF	101	6.457	6.463	(0.716)	816826	11.7322	12
11 1,1-Dichloroethene	96	6.532	6.537	(0.724)	330615	11.5466	12 (Q)
12 Acetone	43	6.681	6.687	(0.741)	460678	12.7105	13
13 Isopropyl Alcohol	45	6.852	6.852	(0.760)	311032	11.6177	12
14 Carbon Disulfide	76	6.900	6.900	(0.765)	989387	11.7229	12
15 3-Chloropropene	41	7.097	7.103	(0.787)	400303	12.2900	12

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.300	7.306	(0.809)	423172	12.7756	13
17 tert-Butyl Alcohol	59	7.396	7.396	(0.820)	514247	11.5001	12
18 Methyl tert-Butyl Ether	73	7.562	7.562	(0.838)	1082673	12.1819	12
19 trans-1,2-Dichloroethene	61	7.604	7.605	(0.843)	578881	12.0355	12
20 n-Hexane	57	7.823	7.823	(0.867)	538179	12.0906	12
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	673238	12.0023	12
M 22 1,2-Dichloroethene (total)	61				931085	23.0357	23
23 Methyl Ethyl Ketone	72	8.763	8.763	(0.972)	141947	12.0030	12 (Q)
24 cis-1,2-Dichloroethene	96	8.768	8.768	(0.972)	352204	11.0002	11
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	234878	10.0000	(Q)
26 Tetrahydrofuran	42	9.035	9.040	(0.915)	344876	11.4071	11
27 Chloroform	83	9.051	9.051	(1.004)	918210	11.6097	12
28 1,1,1-Trichloroethane	97	9.227	9.227	(0.934)	1220831	10.7793	11
29 Cyclohexane	84	9.232	9.232	(0.935)	548916	10.3980	10
30 Carbon Tetrachloride	117	9.355	9.360	(0.947)	1374421	10.5159	11
31 2,2,4-Trimethylpentane	57	9.504	9.505	(0.962)	1741441	11.5269	12
32 Benzene	78	9.568	9.569	(0.969)	994158	10.4608	10
33 1,2-Dichloroethane	62	9.632	9.633	(0.975)	667586	11.2942	11
34 n-Heptane	43	9.643	9.649	(0.976)	606888	11.3865	11
* 35 1,4-Difluorobenzene	114	9.878	9.883	(1.000)	1226832	10.0000	
36 Trichloroethene	95	10.118	10.118	(1.024)	499807	10.0520	10 (Q)
38 1,2-Dichloropropane	63	10.348	10.353	(1.048)	358982	10.9188	11
39 1,4-Dioxane	88	10.428	10.433	(1.056)	107891	9.41105	9.4
40 Bromodichloromethane	83	10.556	10.561	(1.069)	1013454	11.3168	11
41 cis-1,3-Dichloropropene	75	10.913	10.919	(1.105)	590983	10.5539	11
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	601294	12.0928	12
43 Toluene	92	11.164	11.164	(0.907)	693869	10.3339	10
44 trans-1,3-Dichloropropene	75	11.356	11.356	(1.150)	661594	10.6319	11
45 1,1,2-Trichloroethane	83	11.522	11.522	(0.936)	331984	10.1150	10
46 Tetrachloroethene	166	11.602	11.607	(0.943)	475520	8.34419	8.3
47 Methyl Butyl Ketone	43	11.639	11.639	(0.946)	588951	12.9645	13
48 Dibromochloromethane	129	11.853	11.858	(0.963)	898665	10.5191	11
49 1,2-Dibromoethane	107	11.986	11.986	(0.974)	608864	9.80692	9.8
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)	1266159	10.0000	
51 Chlorobenzene	112	12.333	12.333	(1.002)	929998	8.99866	9.0
52 Ethylbenzene	91	12.349	12.349	(1.003)	1780131	10.5660	11
53 Xylene (m,p)	106	12.434	12.435	(1.010)	1256859	18.9198	19 (Q)
54 Xylene (o)	106	12.787	12.787	(1.039)	626089	9.47485	9.5 (Q)
M 55 Xylene (total)	106				1882948	28.4954	28
56 Styrene	104	12.803	12.803	(1.040)	915773	9.99547	10
57 Bromoform	173	13.053	13.054	(1.061)	768584	10.1769	10
58 1,1,2,2-Tetrachloroethane	83	13.363	13.368	(1.086)	947381	10.1714	10
59 4-Ethyltoluene	105	13.496	13.502	(1.097)	2116774	11.4536	11
60 1,3,5-Trimethylbenzene	105	13.539	13.539	(1.100)	1896732	9.87085	9.9
61 2-Chlorotoluene	91	13.566	13.566	(1.102)	1863115	10.8467	11
62 1,2,4-Trimethylbenzene	105	13.881	13.881	(1.128)	1742735	10.3420	10
63 1,3-Dichlorobenzene	146	14.233	14.233	(1.157)	817578	8.48213	8.5

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT		RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
=====	----	--	-----	-----		-----	-----	-----
64 1,4-Dichlorobenzene	146	14.313	14.313	(1.163)		789194	8.50464	8.5
65 1,2-Dichlorobenzene	146	14.692	14.692	(1.194)		811083	8.24738	8.2
66 1,2,4-Trichlorobenzene	180	16.432	16.432	(1.335)		406948	7.37948	7.4
67 Hexachlorobutadiene	225	16.522	16.523	(1.343)		408853	8.71269	8.7
68 Naphthalene	128	16.805	16.805	(1.366)		1106486	8.19430	8.2

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.

CA041807LCSD

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041807LCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10DQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

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	14	
76-14-2	1,2-Dichlorotetrafluoroethane	13	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	9.9	
106-99-0	1,3-Butadiene	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
593-60-2	Bromoethene	11	
75-69-4	Trichlorofluoromethane	12	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	13	
67-63-0	Isopropyl Alcohol	12	
75-15-0	Carbon Disulfide	12	
107-05-1	3-Chloropropene	12	
75-09-2	Methylene Chloride	13	
75-65-0	tert-Butyl Alcohol	11	
1634-04-4	Methyl tert-Butyl Ether	12	
156-60-5	trans-1,2-Dichloroethene	12	
110-54-3	n-Hexane	12	
75-34-3	1,1-Dichloroethane	12	
540-59-0	1,2-Dichloroethene (total)	23	
78-93-3	Methyl Ethyl Ketone	13	
156-59-2	cis-1,2-Dichloroethene	11	
109-99-9	Tetrahydrofuran	11	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	11	
110-82-7	Cyclohexane	10	
56-23-5	Carbon Tetrachloride	11	
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	11	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA041807LCSD

Lab Name: STL BURLINGTON

Contract: 27000

Lab Code: STLVT

Case No.: 27000

SAS No.:

SDG No.: NY119362

Matrix: (soil/water) AIR

Lab Sample ID: CA041807LCSD

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: CFJ10DQD

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 04/18/07

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

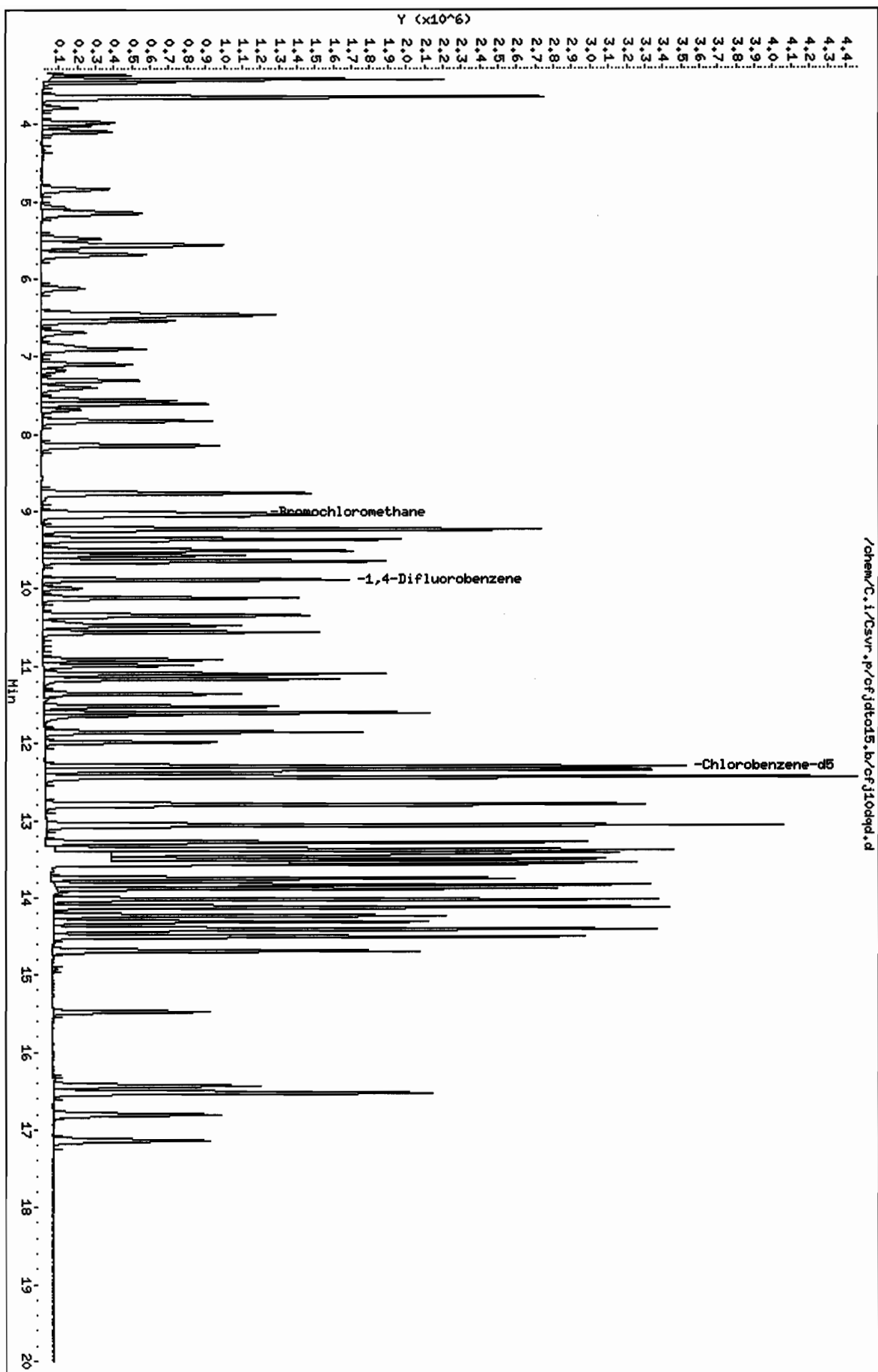
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV Q

79-01-6-----	Trichloroethene	10	
78-87-5-----	1,2-Dichloropropane	11	
123-91-1-----	1,4-Dioxane	9.4	
75-27-4-----	Bromodichloromethane	11	
10061-01-5-----	cis-1,3-Dichloropropene	11	
108-10-1-----	Methyl Isobutyl Ketone	12	
108-88-3-----	Toluene	10	
10061-02-6-----	trans-1,3-Dichloropropene	11	
79-00-5-----	1,1,2-Trichloroethane	9.9	
127-18-4-----	Tetrachloroethene	8.0	
591-78-6-----	Methyl Butyl Ketone	12	
124-48-1-----	Dibromochloromethane	10	
106-93-4-----	1,2-Dibromoethane	9.6	
108-90-7-----	Chlorobenzene	8.8	
100-41-4-----	Ethylbenzene	10	
1330-20-7-----	Xylene (m,p)	19	
95-47-6-----	Xylene (o)	9.2	
1330-20-7-----	Xylene (total)	28	
100-42-5-----	Styrene	9.8	
75-25-2-----	Bromoform	10	
79-34-5-----	1,1,2,2-Tetrachloroethane	10	
622-96-8-----	4-Ethyltoluene	11	
108-67-8-----	1,3,5-Trimethylbenzene	9.9	
95-49-8-----	2-Chlorotoluene	11	
95-63-6-----	1,2,4-Trimethylbenzene	10	
541-73-1-----	1,3-Dichlorobenzene	8.4	
106-46-7-----	1,4-Dichlorobenzene	8.4	
95-50-1-----	1,2-Dichlorobenzene	8.1	
120-82-1-----	1,2,4-Trichlorobenzene	6.8	
87-68-3-----	Hexachlorobutadiene	8.3	
91-20-3-----	Naphthalene	7.5	

FORM I VOA

Data File: /chem/C.1/Csvr.p/cfjtd015.b/cfj10dqd.d
Date : 18-APR-2007 14:00
Client ID: CH041807LCSD
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/cfjdto15.b/cfj10dqd.d
Report Date: 19-Apr-2007 14:38

Page 1

STL Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cfjdto15.b/cfj10dqd.d
Lab Smp Id: CA041807LCSD Client Smp ID: CA041807LCSD
Inj Date : 18-APR-2007 14:00
Operator : wrd Inst ID: C.i
Smp Info :
Misc Info : CA041807LCSD;041807CA;1;200
Comment :
Method : /var/chem/C.i/Csvr.p/cfjdto15.b/rto15.m
Meth Date : 19-Apr-2007 14:38 rs1 Quant Type: ISTD
Cal Date : 12-APR-2007 17:42 Cal File: cfj40v.d
Als bottle: 10 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15all+N.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		3.420	3.421	(0.379)	2117692	14.4823	14 (R)
2 1,2-Dichlorotetrafluoroethane	85		3.645	3.650	(0.404)	1689655	12.6186	13
3 Chloromethane	50		3.783	3.783	(0.419)	234127	10.0969	10
4 Vinyl Chloride	62		4.024	4.018	(0.446)	330995	9.91181	9.9
5 1,3-Butadiene	54		4.098	4.098	(0.454)	226481	10.2011	10
6 Bromomethane	94		4.840	4.840	(0.537)	335341	10.2908	10
7 Chloroethane	64		5.070	5.075	(0.562)	171343	11.1186	11
8 Bromoethene	106		5.475	5.481	(0.607)	302824	10.5656	11
9 Trichlorofluoromethane	101		5.561	5.561	(0.617)	1442206	11.6608	12
10 Freon TF	101		6.463	6.463	(0.717)	795276	11.9300	12
11 1,1-Dichloroethene	96		6.537	6.537	(0.725)	334145	12.1882	12 (Q)
12 Acetone	43		6.687	6.687	(0.741)	449013	12.9389	13
13 Isopropyl Alcohol	45		6.857	6.852	(0.760)	307833	12.0089	12
14 Carbon Disulfide	76		6.900	6.900	(0.765)	977710	12.0990	12
15 3-Chloropropene	41		7.098	7.103	(0.787)	375920	12.0540	12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Methylene Chloride	49	7.300	7.306	(0.809)	402678	12.6968	13
17 tert-Butyl Alcohol	59	7.396	7.396	(0.820)	487920	11.3960	11
18 Methyl tert-Butyl Ether	73	7.562	7.562	(0.838)	1048331	12.3193	12
19 trans-1,2-Dichloroethene	61	7.605	7.605	(0.843)	559754	12.1547	12
20 n-Hexane	57	7.823	7.823	(0.867)	517230	12.1361	12
21 1,1-Dichloroethane	63	8.149	8.149	(0.904)	639714	11.9112	12
M 22 1,2-Dichloroethene (total)	61				896660	23.1444	23
23 Methyl Ethyl Ketone	72	8.763	8.763	(0.972)	143564	12.6789	13 (Q)
24 cis-1,2-Dichloroethene	96	8.768	8.768	(0.972)	336906	10.9897	11
* 25 Bromochloromethane	128	9.019	9.019	(1.000)	224890	10.0000	(Q)
26 Tetrahydrofuran	42	9.040	9.040	(0.915)	331704	11.3787	11
27 Chloroform	83	9.051	9.051	(1.004)	868744	11.4721	11
28 1,1,1-Trichloroethane	97	9.227	9.227	(0.934)	1162648	10.6467	11
29 Cyclohexane	84	9.232	9.232	(0.934)	529799	10.4085	10
30 Carbon Tetrachloride	117	9.360	9.360	(0.947)	1329119	10.5469	11
31 2,2,4-Trimethylpentane	57	9.505	9.505	(0.962)	1660164	11.3969	11
32 Benzene	78	9.569	9.569	(0.968)	948726	10.3534	10
33 1,2-Dichloroethane	62	9.633	9.633	(0.975)	643246	11.2865	11
34 n-Heptane	43	9.643	9.649	(0.976)	576408	11.2161	11
* 35 1,4-Difluorobenzene	114	9.883	9.883	(1.000)	1182914	10.0000	
36 Trichloroethene	95	10.118	10.118	(1.024)	477630	9.96262	10 (Q)
38 1,2-Dichloropropane	63	10.353	10.353	(1.048)	338273	10.6709	11
39 1,4-Dioxane	88	10.433	10.433	(1.056)	103660	9.37769	9.4
40 Bromodichloromethane	83	10.561	10.561	(1.069)	969069	11.2229	11
41 cis-1,3-Dichloropropene	75	10.914	10.919	(1.104)	568224	10.5242	11
42 Methyl Isobutyl Ketone	43	10.988	10.988	(1.112)	580028	12.0982	12
43 Toluene	92	11.164	11.164	(0.907)	666155	10.0366	10
44 trans-1,3-Dichloropropene	75	11.356	11.356	(1.149)	633099	10.5517	11
45 1,1,2-Trichloroethane	83	11.522	11.522	(0.936)	321135	9.89830	9.9
46 Tetrachloroethene	166	11.607	11.607	(0.943)	448806	7.96703	8.0
47 Methyl Butyl Ketone	43	11.639	11.639	(0.946)	551957	12.2915	12
48 Dibromochloromethane	129	11.853	11.858	(0.963)	866204	10.2570	10
49 1,2-Dibromoethane	107	11.986	11.986	(0.974)	588932	9.59621	9.6
* 50 Chlorobenzene-d5	117	12.306	12.306	(1.000)	1251601	10.0000	
51 Chlorobenzene	112	12.333	12.333	(1.002)	903844	8.84732	8.8
52 Ethylbenzene	91	12.349	12.349	(1.003)	1718278	10.3175	10
53 Xylene (m,p)	106	12.435	12.435	(1.010)	1225387	18.6606	19 (Q)
54 Xylene (o)	106	12.787	12.787	(1.039)	602290	9.22071	9.2 (Q)
M 55 Xylene (total)	106				1827677	27.9807	28
56 Styrene	104	12.803	12.803	(1.040)	886634	9.78999	9.8
57 Bromoform	173	13.054	13.054	(1.061)	748998	10.0329	10
58 1,1,2,2-Tetrachloroethane	83	13.363	13.368	(1.086)	929519	10.0957	10
59 4-Ethyltoluene	105	13.497	13.502	(1.097)	2046548	11.2024	11
60 1,3,5-Trimethylbenzene	105	13.539	13.539	(1.100)	1875353	9.87311	9.9
61 2-Chlorotoluene	91	13.566	13.566	(1.102)	1829980	10.7777	11
62 1,2,4-Trimethylbenzene	105	13.881	13.881	(1.128)	1705761	10.2404	10
63 1,3-Dichlorobenzene	146	14.233	14.233	(1.157)	803115	8.42899	8.4

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
64 1,4-Dichlorobenzene	146	14.313	14.313	(1.163)	773789	8.43562	8.4
65 1,2-Dichlorobenzene	146	14.692	14.692	(1.194)	788691	8.11297	8.1
66 1,2,4-Trichlorobenzene	180	16.432	16.432	(1.335)	372277	6.82929	6.8 (R)
67 Hexachlorobutadiene	225	16.523	16.523	(1.343)	386828	8.33922	8.3
68 Naphthalene	128	16.805	16.805	(1.366)	1003814	7.52041	7.5

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: DELENZ							
ETR: 119362							
Date: 4/3/07							
Analyst: JH2							
1 NCR= (1) -10 to -30 "Hg (2) -1 to Positive "Hg (3) Valve Open							
Lab ID	Summa ID	EC ID	Pressure ("Hg)		NCR	Certification Batch	Comments
			Initial	Final			
705402	4342	-	-30.3	-00.6	2	3341CF6D	
705403	4326	3763	-30.3	-07.6			
705404	2862	2839		-18.2	1		
705405	4072	3767		-06.5			
705406	4145	2767		-03.7			
705407	4379	2837		-04.8			
705408	4331	4503		-04.7			
705409	4209	3383		-08.3			
705410	3527	3294		-05.6			
705411	2670	4042		-00.5	2		
705412	3434	4505	✓	+00.3	2		

² The initial pressure is taken from the Summa Can Tag. The final pressure is checked by the laboratory upon receipt.

STL Burlington - Manual Integration Summary
SDG: NY119362

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	
astd002	astd002	INIT. CALIB.	C RTX-624	12-APR-2007 13:22	CFJ002V	
	4.093	1,3-Butadiene		Not specified		
	7.418	tert-Butyl Alcohol		Not specified		
	7.834	n-Hexane		Not specified		
	9.633	1,2-Dichloroethane		Not specified		
	10.337	Methyl Methacrylate		Not specified		
	10.449	1,4-Dioxane		Not specified		
	10.924	cis-1,3-Dichloropropene		Not specified		
	10.999	Methyl Isobutyl Ketone		Not specified		
	11.362	trans-1,3-Dichloropropene		Not specified		
	11.650	Methyl Butyl Ketone		Not specified		
	12.445	Xylene (m,p)		Not specified		
astd005	astd005	INIT. CALIB.	C RTX-624	12-APR-2007 14:05	CFJ005V	
	4.109	1,3-Butadiene		Not specified		
	11.661	Methyl Butyl Ketone		Not specified		
astd40	astd40	INIT. CALIB.	C RTX-624	12-APR-2007 17:42	CFJ40V	
	12.440	Xylene (m,p)		M2 - Mis-identification of peak		
705406	SS-3	SAMPLE	C RTX-624	18-APR-2007 20:45	705406	
	9.569	Benzene		M3 - Poor automated baseline		
705408	SS-4	SAMPLE	C RTX-624	18-APR-2007 22:11	705408	
	6.537	1,1-Dichloroethene		M3 - Poor automated baseline		
705409	IA-4	SAMPLE	C RTX-624	18-APR-2007 22:55	705409	
	7.829	n-Hexane		M3 - Poor automated baseline		

GC/MS INSTRUMENT RUN LOG
Air Lab Instrument ID: C

Batch / Method ID: CFJ7015		Calibration Std. Lot #		Instrument Performance Check (ICAL or CCAL)	
Start Date: 4/12/07		Time: 1201		Tune Standard: 505K RT & Ratios Updated	
Close Date: 4/13/07		Time: 1201		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
1201	CFJ01PV			1	200ml	NA		✓	MTP	
1234	CFJ001			2			✓	✓		A704110702
1322	002V			3			✓	✓		01
1425	003V			4			✓	✓		07
1448	~~004V~~ 005V			5			✓	✓		06
1532	010V			7			✓	✓		03
1615	015V			8			✓	✓		A704100702
1659	020V			9			✓	✓		01
1742	040V			10			✓	✓		
1825	B02			10			✓	✓		ALL C.S. 1
1908	10Q			10			✓	✓		" "
	10QD			1	2.5	13.2	✓	✓	JEN	QF 12.9
2117	705423D	430	1196.7	8	2.5	13.2	✓	✓		
	3163			1	1000	0.2				
	3526			2	1000	0.2				
	3513			3	1000	0.2				
	4255			4	500	0.4				3L
	4217			5	500	0.4				3L
	4218			7	500	0.4				3L

Legend: C=Complete R=Reanalyze = High = Low = ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Air Lab Instrument ID: C

Batch / Method ID: C-F00706		Calibration Std. Lot #	Internal Std. Lot #	ICV/LCS Lot #	Instrument Performance Check (ICAL or CCAL)					
Start Date:	Time:	1146	1146	1146	Tune Standard	RT & Ratios Updated				
Close Date:	Time:	1146	1146	1146	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
1146	C-F00706			1	200	14	✓	✓	UMB	24
1233	C-F00706			2	200		✓	✓		11
1312	C-F00706			2	200		✓	✓		11
1400	C-F00706			3	200		✓	✓		
1443	C-F00706			3	200		✓	✓		
1540	C-F00706			3	200		✓	✓		
1624	C-F00706			4	200	0.4	✓	✓		
1707	C-F00706			4	200	0.8	✓	✓		
1751	C-F00706			5	200	1	✓	✓		
1835	C-F00706			7	200	1	✓	✓		
1918	C-F00706			8	200	1	✓	✓		
2001	C-F00706			9	200	1	✓	✓		
2045	C-F00706			10	200	1	✓	✓		
2128	C-F00706			11	200	1	✓	✓		
2211	C-F00706			12	200	1	✓	✓		
2255	C-F00706			13	200	1	✓	✓		
2338	C-F00706			14	200	1	✓	✓		
2421	C-F00706			15	200	1	✓	✓		
2505	C-F00706			16	200	1	✓	✓		
2548	C-F00706			1	200	1	✓	✓		
2631	C-F00706			2	200	1	✓	✓		
2715	C-F00706			3	200	1	✓	✓		
2800	C-F00706			4	200	1	✓	✓		
2885	C-F00706			5	200	1	✓	✓		
2970	C-F00706			7	200	1	✓	✓		
3055	C-F00706			8	200	1	✓	✓		
3140	C-F00706			9	200	1	✓	✓		
3225	C-F00706			10	200	1	✓	✓		
3310	C-F00706			11	200	1	✓	✓		
3395	C-F00706			12	200	1	✓	✓		
3480	C-F00706			13	200	1	✓	✓		
3565	C-F00706			14	200	1	✓	✓		
3650	C-F00706			15	200	1	✓	✓		
3735	C-F00706			16	200	1	✓	✓		
3820	C-F00706			1	200	1	✓	✓		
3905	C-F00706			2	200	1	✓	✓		
3990	C-F00706			3	200	1	✓	✓		
4075	C-F00706			4	200	1	✓	✓		
4160	C-F00706			5	200	1	✓	✓		
4245	C-F00706			7	200	1	✓	✓		
4330	C-F00706			8	200	1	✓	✓		
4415	C-F00706			9	200	1	✓	✓		
4500	C-F00706			10	200	1	✓	✓		
4585	C-F00706			11	200	1	✓	✓		
4670	C-F00706			12	200	1	✓	✓		
4755	C-F00706			13	200	1	✓	✓		
4840	C-F00706			14	200	1	✓	✓		
4925	C-F00706			15	200	1	✓	✓		
5010	C-F00706			16	200	1	✓	✓		
5095	C-F00706			1	200	1	✓	✓		
5180	C-F00706			2	200	1	✓	✓		
5265	C-F00706			3	200	1	✓	✓		
5350	C-F00706			4	200	1	✓	✓		
5435	C-F00706			5	200	1	✓	✓		
5520	C-F00706			7	200	1	✓	✓		
5605	C-F00706			8	200	1	✓	✓		
5690	C-F00706			9	200	1	✓	✓		
5775	C-F00706			10	200	1	✓	✓		
5860	C-F00706			11	200	1	✓	✓		
5945	C-F00706			12	200	1	✓	✓		
6030	C-F00706			13	200	1	✓	✓		
6115	C-F00706			14	200	1	✓	✓		
6200	C-F00706			15	200	1	✓	✓		
6285	C-F00706			16	200	1	✓	✓		
6370	C-F00706			1	200	1	✓	✓		
6455	C-F00706			2	200	1	✓	✓		
6540	C-F00706			3	200	1	✓	✓		
6625	C-F00706			4	200	1	✓	✓		
6710	C-F00706			5	200	1	✓	✓		
6795	C-F00706			7	200	1	✓	✓		
6880	C-F00706			8	200	1	✓	✓		
6965	C-F00706			9	200	1	✓	✓		
7050	C-F00706			10	200	1	✓	✓		
7135	C-F00706			11	200	1	✓	✓		
7220	C-F00706			12	200	1	✓	✓		
7305	C-F00706			13	200	1	✓	✓		
7390	C-F00706			14	200	1	✓	✓		
7475	C-F00706			15	200	1	✓	✓		
7560	C-F00706			16	200	1	✓	✓		
7645	C-F00706			1	200	1	✓	✓		
7730	C-F00706			2	200	1	✓	✓		
7815	C-F00706			3	200	1	✓	✓		
7900	C-F00706			4	200	1	✓	✓		
7985	C-F00706			5	200	1	✓	✓		
8070	C-F00706			7	200	1	✓	✓		
8155	C-F00706			8	200	1	✓	✓		
8240	C-F00706			9	200	1	✓	✓		
8325	C-F00706			10	200	1	✓	✓		
8410	C-F00706			11	200	1	✓	✓		
8495	C-F00706			12	200	1	✓	✓		
8580	C-F00706			13	200	1	✓	✓		
8665	C-F00706			14	200	1	✓	✓		
8750	C-F00706			15	200	1	✓	✓		
8835	C-F00706			16	200	1	✓	✓		
8920	C-F00706			1	200	1	✓	✓		
9005	C-F00706			2	200	1	✓	✓		
9090	C-F00706			3	200	1	✓	✓		
9175	C-F00706			4	200	1	✓	✓		
9260	C-F00706			5	200	1	✓	✓		
9345	C-F00706			7	200	1	✓	✓		
9430	C-F00706			8	200	1	✓	✓		
9515	C-F00706			9	200	1	✓	✓		
9600	C-F00706			10	200	1	✓	✓		
9685	C-F00706			11	200	1	✓	✓		
9770	C-F00706			12	200	1	✓	✓		
9855	C-F00706			13	200	1	✓	✓		
9940	C-F00706			14	200	1	✓	✓		
10025	C-F00706			15	200	1	✓	✓		
10110	C-F00706			16	200	1	✓	✓		
10195	C-F00706			1	200	1	✓	✓		
10280	C-F00706			2	200	1	✓	✓		
10365	C-F00706			3	200	1	✓	✓		
10450	C-F00706			4	200	1	✓	✓		
10535	C-F00706			5	200	1	✓	✓		
10620	C-F00706			7	200	1	✓	✓		
10705	C-F00706			8	200	1	✓	✓		
10790	C-F00706			9	200	1	✓	✓		
10875	C-F00706			10	200	1	✓	✓		
10960	C-F00706			11	200	1	✓	✓		
11045	C-F00706			12	200	1	✓	✓		
11130	C-F00706			13	200	1	✓	✓		
11215	C-F00706			14	200	1	✓	✓		
11300	C-F00706			15	200	1	✓	✓		
11385	C-F00706			16	200	1	✓	✓		
11470	C-F00706			1	200	1	✓	✓		
11555	C-F00706			2	200	1	✓	✓		
11640	C-F00706			3	200	1	✓	✓		
11725	C-F00706			4	200	1	✓	✓		
11810	C-F00706			5	200	1	✓	✓		
11895	C-F00706			7	200	1	✓	✓		
11980	C-F00706			8	200	1	✓	✓		
12065	C-F00706			9	200	1	✓	✓		
12150	C-F00706			10	200	1	✓	✓		
12235	C-F00706			11	200	1	✓	✓		
12320	C-F00706			12	200	1	✓	✓		
12405	C-F00706			13	200	1	✓	✓		
12490	C-F00706			14	200	1	✓	✓		
12575	C-F00706			15	200	1	✓	✓		
12660	C-F00706			16	200	1	✓	✓		
12745	C-F00706			1	200	1	✓	✓		
12830	C-F00706			2	200	1	✓	✓		
12915	C-F00706			3	200	1	✓	✓		
13000	C-F00706			4	200	1	✓	✓		
13085	C-F00706			5	200	1	✓	✓		
13170	C-F00706			7	200	1	✓	✓		
13255	C-F00706			8	200	1	✓	✓		
13340	C-F00706			9	200	1	✓	✓		
13425	C-F00706			10	200	1	✓	✓		
13510	C-F00706			11	200	1	✓	✓		
13595	C-F00706			12	200	1	✓	✓		
13680	C-F00706			13	200	1	✓	✓		
13765	C-F00706			14	200	1	✓	✓		
13850	C-F00706			15	200	1	✓	✓		
13935	C-F00706			16	200	1	✓	✓		
14020	C-F00706			1	200	1	✓	✓		
14105	C-F00706			2	200	1	✓	✓		
14190	C-F00706			3	200	1	✓	✓		
14275	C-F00706			4	200	1	✓	✓		
14360	C-F00706			5	200	1	✓	✓		

[illegible]

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Air Lab Instrument ID: C

Batch / Method ID: CFT02015		Calibration Std. Lot # ATO4110706		Instrument Performance Check (ICAL or CCAL)						
Start Date: 4/12/07	Time: 1137	Internal Std. Lot # ATO200509	ICV/LCS Lot # ATO4109705	✓ Tune Standard	RT & Ratios Updated					
Close Date: 4/18/07	Time: 1137			RF Summary	Internal Std. Response					
Injection Time	Lab ID	Summa Can ID	ETR	Inlet #	Volume (mL)	Dilution Factor	Internal Std.	Result Conc.	Analyst	Comments
1137	CFT04PV		NA			1A	✓	✓	WMD	
1221	CFT04PV		✓	1	200	✓	✓	✓		
1304	CFT04PV		✓	2	200	✓	✓	✓		
1347	CFT04PV		✓	2	200	✓	✓	✓		
1431	CFT04PV		✓	3	200	✓	✓	✓		
1531	3918			4	1000	0.2	✓	✓		
1619	4371			4	1000	0.2	✓	✓		
1702	3706			5	1000	0.1	✓	✓		
1753	2639			5	1000	0.1	✓	✓		
1836	2904			7	1000	0.1	✓	✓		
1920	4226			8	1000	0.1	✓	✓		
2003	4340			9	500	0.4	✓	✓		
2047	3228			10	500	0.4	✓	✓		
2130	4435			11	500	0.4	✓	✓		
2214	2048270	3614	119287	12	500	0.4	✓	✓		
2257	2048270	4127	✓	13	100	2	✓	✓		
2341	2048270	3642	✓	14	100	2	✓	✓		
0024	20503402	3625	119323	15	20	10	✓	✓		
0108	20503402	3455	114309	16	48	204	✓	✓		COF 48.9 TCA 74
0151	20503402	3333	✓	1	63	2006	✓	✓		COF 63.2 TCA 5.1
0235	3918			2	64	2012	✓	✓		✓ 64.4 TCA 7.4
0318	4371			3	1000	0.2	✓	✓		
0402	2639			4	1000	0.2	✓	✓		
0445	2054020	4342	119362	5	1000	0.2	✓	✓		
0529	205403	4326	✓	7	133	1.5	✓	✓		
0612	2054040	2862	✓	8	250	0.8	✓	✓		
0656	2054050	4072	✓	9	50	4	✓	✓		
0739	2054060	4145	✓	10	81	150	✓	✓		COF 60.7 TCA 11
				11	20	10	✓	✓		MCA 6.4 TCA 8.5

Legend: C=Complete * R=Reanalyze * = High * ↓= Low * ✓=Reviewed and Acceptable

Batch / Method ID: CP3C700	Calibration Std. Lot #	Instrument Performance Check (ICAL or CCAL)		
Start Date: 4/12/07	Internal Std. Lot #	Tune Standard	RT & Ratios Updated	
Close Date: 4/18/07	ICV/LCS Lot #	RF Summary	Internal Std. Response	
		Room Temp	°C	Barometric Pressure
				"Hg

[illegible]

Legend: C=Complete ■ R=Reanalyze ■ = High ■ ↓= Low ■ ✓=Reviewed and Acceptable

SUMMA Canister Dilution Spreadsheet

Client: DELEN2
 ETR: 119362

Page: 1 of 1
 Analyst: wrd
 Date: 04/17/07

705405a	-6.1	=	0.80	4.78	38.8	=	3.64	21.84	4.57
705405b	0	=	1.00	6.00	39	=	3.65	21.92	3.65
705405c	0	=	1.00	6.00	38.8	=	3.64	21.84	3.64
		=	1.00	6.00		=	1.00	6.00	1.00
705407a	-4.5	=	0.85	5.10	39	=	3.65	21.92	4.30
705407b	0	=	1.00	6.00	38.9	=	3.65	21.88	3.65
705407c	0	=	1.00	6.00	38.8	=	3.64	21.84	3.64
		=	1.00	6.00		=	1.00	6.00	1.00
705408a	-2	=	0.93	5.60	38.9	=	3.65	21.88	3.91
705408b	0	=	1.00	6.00	38.8	=	3.64	21.84	3.64
705408c	0	=	1.00	6.00	39	=	3.65	21.92	3.65
		=	1.00	6.00		=	1.00	6.00	1.00
705409a	-3.1	=	0.90	5.38	38.9	=	3.65	21.88	4.07
705409b	0	=	1.00	6.00	39	=	3.65	21.92	3.65
705409c	0	=	1.00	6.00	38.9	=	3.65	21.88	3.65
		=	1.00	6.00		=	1.00	6.00	1.00
705410	-5.4	=	0.82	4.92	38.9	=	3.65	21.88	4.45
		=	1.00	6.00		=	1.00	6.00	1.00
705411a	-0.3	=	0.99	5.94	38.8	=	3.64	21.84	3.68
705411b	0	=	1.00	6.00	38.9	=	3.65	21.88	3.65
		=	1.00	6.00		=	1.00	6.00	1.00
		=	1.00	6.00		=	1.00	6.00	1.00

CALCULATION:

$$\frac{\text{Preadjusted Pressure}(\text{"Hg}) + 29.92 \text{"Hg}}{29.92 \text{"Hg}} + 6 \text{ L} = \text{Preadjusted Volume (L)}$$

$$\frac{\text{Adjusted Pressure}(\text{psig}) + 14.7 \text{ psig}}{14.7 \text{ psig}} + 6 \text{ L} = \text{Adjusted Volume (L)}$$

$$\frac{\text{Adjusted Volume (L)}}{\text{Preadjusted Volume (L)}} = \text{Dilution Factor}$$

Where:
 29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg).
 14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig).
 6 L = Volume of SUMMA canister at atmospheric pressure.



Sample Handling

FedEx
Tracking
Number

8574 4644 9429

2-20-07

English Phone 815 383-9050

STL - SYR

118 Ross Rd

SYR State NY ZIP 13211

Internal Billing Reference Delta - Policy

Sample Receiving Phone 802 660-1990

STL - Burlington

20 Community Drive St. 11

deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

package be held at a specific FedEx location, print FedEx address here.

2016 Burlington State VT ZIP 05403



8574 4644 9429

Form
ID No.

0200

Recipient's Copy

4a Express Package Service

☐ FedEx Priority Overnight
Next business morning.* Friday
shipments will be delivered on Monday
unless SATURDAY Delivery is selected.☒ FedEx Standard Overnight
Next business morning.*
Saturday Delivery NOT available.

Packages up to 150 lbs.

☐ FedEx First Overnight
Earliest next business morning
delivery to select locations.*
Saturday Delivery NOT available.☐ FedEx 2Day
Second business day.* Thursday
shipments will be delivered on Monday
unless SATURDAY Delivery is selected.☐ FedEx Express Saver
Third business day.*
Saturday Delivery NOT available.

* To most locations.

4b Express Freight Service

☐ FedEx 1Day Freight*
Next business day.** Friday
shipments will be delivered on Monday
unless SATURDAY Delivery is selected.☐ FedEx 2Day Freight
Second business day.** Thursday
shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

Packages over 150 lbs.

☐ FedEx 3Day Freight
Third business day.**
Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

☐ FedEx
Envelope*☐ FedEx Pak*
Includes FedEx Small Pak,
FedEx Large Pak, and FedEx Sturdy Pak.☐ FedEx
Box☐ FedEx
Tube☒ Other

* Declared value limit \$500.

6 Special Handling

☐ SATURDAY DeliveryNot available for
FedEx Standard Overnight,
FedEx First Overnight, FedEx Express
Saver, or FedEx 3Day Freight.☐ HOLD Weekday
at FedEx LocationNot available for
FedEx First Overnight.☐ HOLD Saturday
at FedEx LocationAvailable ONLY for FedEx Priority
Overnight and FedEx 2Day
to select locations.

Include FedEx address in Section 2.

Does this shipment contain dangerous goods?

☒ No ☐ YesOne box must be checked.
As per attached
Shipper's Declaration.☐ YesShipper's Declaration
not required.☐ Dry Ice

Dry Ice, 9, UN 1845

x kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

7 Payment Bill to:

☐ Sender
Acct. No. in
Section 1 will
be billed.

Enter FedEx Acct. No. or Credit Card No. below.

☒ Recipient☐ Third Party☐ Credit CardObtain Recip.
Acct. No.☐ Cash/Check

Total Packages Total Weight Total Declared Value* Total Charges

3 108 \$.00

*Our liability is limited to \$100 unless you declare a higher value. See back for details.

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

☐ No Signature
Required
Package may be left with-
out obtaining a signature
for delivery.☐ Direct Signature
Anyone at recipient's
address may sign for delivery.
Fee applies.☐ Indirect Signature
If no one is available at
recipient's address, anyone
at a neighboring address may
sign for delivery. Fee applies.

520

Rev. Data 8/05-Part #158231-©1994-2005 FedEx-PRINTED IN U.S.A. SRY

fedex.com 1800.GoFedEx 1800.463.3339

RECEIVED

2-20-07
815 383-9050

STL BURLINGTON			
SAMPLE RECEIPT & LOG IN CHECKLIST			
Client: <u>DELENZ</u>	Date Received: <u>4/2/07</u>	Log In Date: <u>4-3-07</u>	
ETR: <u>119362</u>	Time Received: <u>0940</u>	By: <u>ADL</u>	
SDG: <u>NY119362</u>	Received By: <u>ADL</u>	Signature: <u>[Signature]</u>	
Project: <u>27000</u>	# Coolers Received: <u>3 boxes</u>	PM Signature: <u>[Signature]</u>	
Samples Delivered By: ☒ Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: <u>4/10/07</u>	
List Air bill Number(s) or Attach a photocopy of the Air Bill:			

COOLER SCREEN	YES	NO	NA	COMMENTS
There is <u>no</u> evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present	X			
If yes, list custody seal numbers: <u>188061, 188063, 188064</u>				

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: <u>I</u> °C	Cooler 7 °C	Cooler 12 °C	Cooler 17 °C		
Cooler 3: <u>I</u> °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		

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	☒			
Legible sample labels are affixed to each container	☒			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS

• 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	X		No sampler signature

If yes to above, ICOC Record initiated for every Worksheet

SAMPLE INTEGRITY/AUSABILITY	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/ NCR SUMMARY



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May 4, 2007

Mr. Tony Savino
Delta Environmental Consultants, Inc.
84 Business Park Drive, Suite 107
Armonk, New York 10504

Re: Data Validation Report
Hanesbrand Project
March 2007 Air Sampling Event

Dear Mr. Savino:

The data usability summary report and QA/QC review are attached to this letter for the Hanesbrand Project, March 2007 air sampling event. The data for STL Burlington, SDG no. NY119362 were acceptable with some minor issues that are identified and discussed in the validation summaries. There were no data that were flagged unusable (R) in this data pack.

A list of common data validation acronyms is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Delta Environmental Consultants, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dea
attachments

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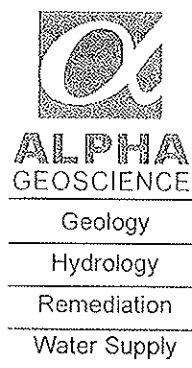
Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

- U = Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
- R = Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
- N = Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
- J = Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.



Data Usability Summary Report
for STL Burlington, SDG No. NY119362

11 Air Samples
Collected March 29, 2007

Prepared by: Donald Anné
May 10, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of TO15 volatile analyses for 11 air samples.

The overall performances of the analyses are acceptable. STL Burlington did fulfill the requirements of the analytical method.

The data are acceptable with minor issues that are identified in the accompanying data validation review. The following data were flagged:

- The positive result for dichlorodifluoromethane was flagged as "estimated" (J) in sample UW-1 because the %D for dichlorodifluoromethane was above the allowable maximum in the associated initial calibration and the percent recoveries were above QC limits in LCS/LCSD CA041807LCS.
- The "not detected" results for 1,2,4-trichlorobenzene were flagged as "estimated" (J) in the following samples because 1 of 2 percent recoveries was below QC limits in LCS/LCSD CA041807LCS.

IA-2	SS-3	IA-3	SS-4	IA-4	SS-5
IA-5	UW-1				

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.



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**QA/QC Review of Volatiles Data for
STL Burlington, SDG No. NY119362**

**11 Air Samples
Collected March 29, 2007**

**Prepared by: Donald Anné
May 4, 2007**

Holding Times: Samples were analyzed within the EPA recommended holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF10s and RRF0.1s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for dichlorodifluoromethane (44.4%) and methyl butyl ketone (32.3%) were above the allowable maximum (30%) on 04-18-07 (CFJ10DV). Positive results for these two compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences (RPDs) were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for LCS/LCSDs EA041807LCS and CA041707LCS.

The RPDs were below the allowable maximum, but the %Rs for dichlorodifluoromethane were above QC limits and 1 of 2 %Rs for 1,2,4-trichlorobenzene was below QC limits for LCS/LCSD CA041807LCS. Positive results for dichlorodifluoromethane and all results for 1,2,4-trichlorobenzene should be considered estimated (J) in associated samples.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

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