



Draft Vapor Intrusion Study Report

March 2009 Sampling Event

**Former EMCA Site
Mamaroneck, New York**

Prepared for:

**Rohm and Haas Company, a wholly owned
subsidiary of The Dow Chemical Company**

Prepared by:

URS

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June 2009

**FORMER EMCA SITE
SITE NO. 360025
MAMARONECK, NEW YORK**

DRAFT VAPOR INTRUSION STUDY REPORT

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1.0 INTRODUCTION

This report presents the results of a quantitative soil vapor intrusion evaluation for the former EMCA Site (Site No. 260025) in Mamaroneck, New York. The work was performed pursuant to the Record of Decision (ROD) issued by the New York State Department of Environmental Conservation (NYSDEC) to Rohm and Haas Company (NYSDEC 2005) and the Order on Consent (NYSDEC 2006). As of April 1, 2009, Rohm and Haas Company is a wholly owned subsidiary of the Dow Chemical Company. Rohm and Haas Company owned the property from 1968 to May 1988. This study was required under the March 2005 Record of Decision prepared for the site by NYSDEC to evaluate potential impacts from three Freon compounds found in groundwater at the property, presently owned and occupied by Cablevision of Westchester (Cablevision).

As per the approved March 2007 Soil Vapor Intrusion Study Work Plan, the NYSDEC requested analysis for other compounds that NYSDEC suspects may be moving onto the site from offsite sources. These compounds include 1,2-dichloroethene (DCE), tetrachloroethene (PCE), and trichloroethene. Field data collection was accomplished in March 2009, prior to the end of the 2008-2009 heating season. Analysis was performed according to the approved work plan for the Freon compounds as well as the other compounds of interest to the NYSDEC. The complete laboratory data report which includes the full suite of analysis, is provided as Appendix F. As per the approved work plan, the remainder of this report focuses on the evaluation of Freon 113 and its dechlorination daughter products (Freon 123a and Freon 1113).

1.1 Site History

The former EMCA site is a 0.6-acre parcel located in a mixed residential/industrial area in Mamaroneck, New York (Figure 1). The site was formerly owned and operated by a subsidiary of the Rohm and Haas Company who used it for the manufacture of high-conductivity precious metal paste used in circuits. Manufacturing was discontinued in 1988 and the current site owner is Cablevision. Site investigations revealed that groundwater beneath the site was

contaminated by 1,1,2-trichloro-1,2,2-trifluoroethane (Freon-113), particularly beneath the paved area near the northernmost corner of the single building located onsite (Figure 2). The site was listed on the New York Registry of Inactive Hazardous Waste Disposal Sites and a Consent Order was signed between the NYSDEC and Rohm and Haas in March 1999.

The contaminants of concern at the site include Freon-113 and its degradation products 1,2-dichloro-1,1,2-trifluoroethane (Freon-123a) and chlorotrifluoroethene (Freon-1113). Other elevated VOCs originate from an off-site source located upgradient from the site. Freon-113 was detected in groundwater at the site at a maximum concentration of 18,200 micrograms per liter ($\mu\text{g/L}$) in 1988.

Rohm and Haas has taken measures to identify and apply remedial technologies to reduce the contaminants of concern in groundwater at the former EMCA site. In consultation with NYSDEC, an Engineering Evaluation/Cost Analysis (EE/CA) was prepared in 2002 to evaluate remedial alternatives for the site. The EE/CA recommended evaluation of promising alternatives as a pilot study, particularly the injection of vegetable oil to promote anaerobic biodegradation. Injection of zero valent iron was considered as a contingency. The pilot study, conducted in 2003 and 2004, included the injection of a commercially-prepared, emulsified oil (Edible Oil Substrate - EOS™ manufactured by EOS Remediation, Inc.) and a commercially-prepared sodium lactate solution (WILCLEAR™ Sodium Lactate manufactured by JRW Technologies).

The injection substantially reduced the concentration of Freon-113 onsite and created conditions favorable for further reductive dechlorination of Freon-113, Freon-123a, and Freon-1113. To build upon the success of the pilot study injections, more widespread injections of EOS™ and WILCLEAR™ were undertaken as an Interim Remedial Action (IRA) in November 2004. The injections significantly reduced the threat to public health and the environment and the NYSDEC adopted No Further Action other than continued groundwater monitoring to assess the effectiveness of previous remedial actions. The preferred alternative includes monitoring of Freon-113, Freon-123a, Freon-1113 until remediation goals are achieved, and additional injections of EOS™ and/or WILCLEAR™ only as a contingency based on the results of long-term monitoring. These recommendations were included in the remedy specified by the ROD,

dated March 2005. To date, one additional injection of EOS™ and seven rounds of groundwater sampling have been undertaken subsequent to the issuance of the ROD. The ROD also specified that a vapor intrusion study would be performed.

The NYSDEC Order on Consent, dated June 12, 2006 requires specific institutional and engineering controls to be implemented in this final phase of site cleanup. It also addresses future work plans and reports, as well as the filing of a Notice and the Environmental Easement. Site management requires the cooperation of the current site owner.

1.2 Site Description

A single two-story building (15,000 ft² footprint) is located at the site, situated at the corner of Center Avenue and Ogden Avenue. The building, which consists of a garage area (two stories high) and an office/storage area (two single story floors), does not have a basement. The first floor plan of the building is presented on Figure 3. The remainder of the site is generally paved and fenced, except for a small grassy area near the corner of Center Avenue and Ogden Avenue. The paved areas are generally used for parking cable service vehicles.

The site is underlain by unconsolidated glacial and alluvial sand containing zones of gravel, silt, and clay. The deepest boring at the site was drilled to a depth of 32 feet below ground surface (bgs). Groundwater occurs under unconfined conditions, and the water table beneath the site varies from approximately 4 to 6 feet bgs. The groundwater flow direction is northwest across the site, towards the Sheldrake River.

2.0 FIELD INVESTIGATION ACTIVITIES

The indoor air field investigation consisted of the following activities:

- Site visit and completion of a New York State Department of Health (NYSDOH) indoor air quality questionnaire and building survey for the existing Cablevison facility;

- Inventory of chemicals present in the facility using a NYSDOH inventory form;
- Onsite selection of indoor air, subslab and ambient air sampling locations in coordination with an NYSDOH representative;
- Collection of 3 indoor air, 3 subslab, and 1 outdoor air samples.

Work was completed in accordance with the NYSDEC-approved Work Plan (URS March 2007), as amended by teleconference discussions held between representatives from Rohm and Haas, the NYSDEC, the NYSDOH, URS, and Enviro-Sciences (of Delaware), Inc. (Cablevision's consultant) on March 19, 2009. The teleconference was held to address specifications in the plan that would prevent the samples from being collected by the end of the heating season. The agreed upon changes to the plan were detailed in an e-mail correspondence from Ed Tokarski (Rohm and Haas) to Ronnie Lee (NYSDEC) later on March 19, 2009. A copy of this correspondence is presented in Appendix A. Mr. Lee returned an e-mail correspondence on March 20, 2009 indicating that the e-mail summary "accurately reflects what we discussed during yesterday's conference call regarding how the work should proceed."

2.1 Building Survey and Chemical Inventory

A NYSDOH Questionnaire and Building Survey was completed by Enviro-Sciences on March 25, 2009 which documented general building layout construction, details of the heating and cooling systems and general building use. A chemical inventory was also completed which consisted of a general description of the areas where chemicals were stored, and the types and approximate numbers of chemicals present. During this inventory, a ppbRAE photoionization detector (PID) was used to measure the presence and concentrations of volatile organic compounds (VOCs) in the areas of chemical storage and at the closures of individual containers. The completed NYSDOH Questionnaire and Inventory forms are provided in Appendix B.

2.2 Indoor Air, Subslab Soil Vapor and Ambient Air Sampling

Indoor air, subslab soil vapor and outdoor air sampling was conducted at the former EMCA facility on March 26, 2009, in accordance with the modified work plan. Enviro-Sciences

personnel conducted the sampling with URS personnel providing oversight for compliance with the approved modified work plan and continuous custody of the samples to and from the site and from and to the overnight shipping ports. Prior to sample collection, sampling locations were selected by representatives from the NYSDOH, Cablevision, and Enviro-Sciences during a site visit on March 25, 2009.

Three subslab samples, three indoor air samples and one outdoor air sample were collected at the Cablevision facility. Sample locations are shown on Figure 3. All of the samples were collected over a targeted 8-hour time period using 6-liter Summa® canisters equipped with flow controller valves precalibrated at the laboratory. Sample collection was initiated by turning on a valve built into the Summa canister. Sample collection was terminated by shutting off the valve after the vacuum in the canisters had reached approximately minus 3 inches of mercury (actual sampling duration for this group of samples varied from 7 hours 6 minutes to 9 hours 57 minutes).

The three subslab samples were collected and identified as 20090326H-SS-01N, 20090326H-SS-02N and 20090326H-SS-03N. A duplicate sample of subslab sample 20090326H-SS-02N was also collected and identified as 20090326H-SS-FD. The subslab samples were collected through Teflon tubing inserted through a hole in the slab that was drilled with an electric hammer drill. The tubing was sealed to the slab floor with modeling clay. The integrity of the clay seal was tested using helium tracer gas inserted into an enclosure placed above the clay seal. Prior to sample collection, approximately ½ liter of subslab soil vapor was collected from the subslab and checked for the presence of helium. At all three subslab sample locations, the helium testing showed no leakage of indoor air through the floor seals. Subslab sample construction and helium testing procedures followed those described in the Subslab Sampling Protocol provided in Appendix A, which slightly differ from the protocol presented in the Work Plan (URS 2007).

Three indoor air samples (20090326H-FF-01N, 20090326H-FF-02N and 20090326H-FF-03N) were collected by placing a 6-liter Summa canister at breathing height at three locations within the facility. As with the subslab samples, the indoor air samples were pre-targeted for 8-

hours and the canisters turned off when the residual vacuum in the canisters had reached approximately -3 inches of mercury.

One outdoor (ambient) air sample (20090326H-OA-01N) was collected by hanging a Summa canister from a fence along Center Avenue across from the facility. This sample was located upwind of the facility on the day of sample collection. This sample was turned off after the residual vacuum in the canister reached -3 inches of mercury.

Summa Canister Data Sheets were used to record the sampling time, Summa canister and flow controller serial numbers and purging times and helium tracer gas test results for the subslab samples. Copies of the Summa Canister Data Sheets are provided in Appendix C.

Photographs of each of the samples were taken shortly after the canister valves were turned on. A photographic log is provided in Appendix D.

All of the indoor, subslab, and outdoor air samples were shipped under chain-of-custody (COC) via Federal Express to Test America in Burlington, Vermont on March 27, 2009. The samples were analyzed by the methodologies and parameters described below.

Parameter	Analytical Method
Freon 113	USEPA TO-15
Freon 123a	USEPA TO-15 (as TIC)
Freon 1113	USEPA TO-15 (as TIC)

3.0 RESULTS OF THE INVESTIGATION

3.1 Analytical Results

The results of the single outdoor air sample, three indoor air samples, and three subslab air samples are presented on Tables 1, 2, and 3, respectively. Results are shown in two sets of units including parts per billion volume (ppbv) and micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Results received from the laboratory were reviewed by the project chemist. A data validation summary report discussing the usability of the data is presented in Appendix E. All results are usable as reported.

Neither Freon 113 nor its breakdown products Freon 123a and Freon 1113 were detected in the outdoor air sample. Freon 113 was detected in all three indoor air samples with the highest concentration occurring near the northwestern corner of the building (20090326H-FF-01N at $38 \mu\text{g}/\text{m}^3$). Indoor air concentrations within the building fell within a fairly tight range (10 to $38 \mu\text{g}/\text{m}^3$). Freon 123a and Freon 1113 were not detected in the indoor air samples. Freon 113 was detected in all three subslab samples with the highest concentration occurring near the northernmost corner of the building (20090326H-SS-03N at $6,700 \mu\text{g}/\text{m}^3$). This is the closest location to the historic Freon 113 groundwater plume (between the building and Ogden Avenue near the northern building corner). Concentrations in the subslab air ranged from 37 to $6,700 \mu\text{g}/\text{m}^3$. Only one of the breakdown products of Freon 113 was detected in subslab air and only at one location (Freon 123a @ 20090326H-SS-01N at $940 \mu\text{g}/\text{m}^3$).

Current NYSDOH guidance (NYSDOH 2006, Appendix C) presents a set of databases for evaluation of potential background conditions. The range of mean background Freon 113 concentrations from the various indoor air data bases presented in the guidance is $<1 \mu\text{g}/\text{m}^3$ to $2.0 \mu\text{g}/\text{m}^3$. The range of mean background Freon 113 concentrations from the various outdoor air data bases presented in the guidance is $1.0 \mu\text{g}/\text{m}^3$ to $2.7 \mu\text{g}/\text{m}^3$. Freon 123a was not analyzed for in any of the background datasets.

The maximum concentration of Freon 113 detected in indoor air at the site is over an order of magnitude greater than the mean background concentrations from various background databases (NYSDOH 2006). None of the products that are currently used in the building (refer to inventory in Appendix B) appear to be a source for the Freon 113 detected in the building. The maximum Freon 113 concentration detected in the subslab air samples was over 100 times (two orders of magnitude) greater than the maximum concentration detected in indoor air. Ratios of indoor air to subslab air for volatile chemicals are typically assumed to be in the general range of 1:10 (0.1) to 1:100 (0.01) (USEPA 2002). These various lines of evidence suggest that Freon volatilization from the remnant Freon 113 present in groundwater at the site to indoor air is a possibility. However, as discussed in Section 3.2 that follows, there is no current or anticipated potential future health risk posed due to Freon vapors that might volatilize from groundwater and into indoor air at the site.

3.2 Risk Analysis

Risk posed by Freon detected in indoor and subslab air to onsite workers was evaluated in several ways including:

- Comparison to OSHA permissible exposure limits (PEL);
- Evaluation per current NYSDOH guidance;
- Comparison to available USEPA guidance values;
- Risk evaluation by USEPA risk assessment guidance.

3.2.1 OSHA PELs

The maximum concentration of Freon 113 detected in indoor air ($38 \mu\text{g}/\text{m}^3$) is more than five orders of magnitude (100,000 times) lower than the OSHA (Occupational Safety and Health Administration) PEL for 8-hour time-weighted average worker inhalation exposure to this compound ($7,600,000 \mu\text{g}/\text{m}^3$; <http://www.cdc.gov/niosh/npg/npgd0632.html>). There is no PEL listed for Freon 123a by OSHA.

3.2.2 NYSDOH Guidance

The NYSDOH has published a guideline for evaluating soil vapor intrusion in the State of New York (NYSDOH 2006). The guidance presents decision matrices for seven critical volatile compounds; however, matrices have not been developed by the NYSDOH for Freon 113 or Freon 123a. Based on its low toxicity, the NYSDOH has not pursued mitigation of Freon 113 or its breakdown products where detected as the primary compound in indoor air at other sites in New York State.

3.2.3 USEPA Guidance

The United States Environmental Protection Agency (USEPA) Region 2 (NY and NJ) has not published any chemical-specific quantitative guidance for chemicals detected in indoor air. However, USEPA Region 9 (CA, NV, and AZ) has developed chemical-specific goals for indoor air quality based on generic risk assumptions and chemical-specific toxicity values. These Preliminary Remediation Goals (PRGs) have been developed for both residential and industrial use scenarios (<http://www.epa.gov/region09/superfund/prg>). The PRG for Freon 113 in industrial air is 130,000 $\mu\text{g}/\text{m}^3$. This PRG is more than three orders of magnitude (1,000 times) higher than the maximum Freon 113 detection in indoor air at the site. The PRG for Freon 113 in residential air is 31,000 $\mu\text{g}/\text{m}^3$, a value that is over 800 times greater than the maximum Freon 113 detection in indoor air at the site. PRGs have not been developed by Region 9 for Freon 123a.

3.2.4 Risk Evaluation per USEPA Guidance

A quantitative evaluation of potential risk performed using current USEPA guidelines (USEPA, 2009) consists of an exposure assessment, a toxicity assessment, a risk evaluation, and an uncertainty analysis. These steps are developed for the EMCA site for the indoor air pathway in the following sections.

3.2.4.1 Exposure Assessment

The exposure assessment evaluates sources, pathways, receptors, exposure duration, frequency, and routes of exposure to assess total human exposure to the substances of concern at the site. This evaluation focuses on indoor air inhalation exposures to workers at the Cablevision facility for the Freon chemicals detected in indoor air and subslab air at the site. This section identifies the amount of chemical received from indoor air (i.e., the dose). The daily intake rate of the chemical in air per body weight is combined with chemical-specific toxicity criteria (Section 3.2.4.2) and chemical in-air concentrations to arrive at an estimate of health risk (Section 3.2.4.3).

Exposure Point Concentrations. Two different exposure point concentration scenarios were used in the analysis. The first and most straightforward concentration used is the maximum concentration of Freon 113 currently detected in indoor air ($38 \mu\text{g}/\text{m}^3$). Freon 123a was not detected in indoor air.

The second scenario develops a concentration for a hypothetical future exposure scenario that conservatively assumes a potential for increased vapor intrusion from the subslab vapor into the building. To accomplish this, a ratio must be derived of the amount of the chemical in indoor air compared to the amount in the subslab. Ratios of indoor air to subslab air for volatile chemicals are typically assumed to be in the general range of 0.1 to 0.01 (USEPA 2002). For this site, the exposure point concentrations for potential future migration from the subslab are conservatively assumed to be 0.1 times the maximum detection of Freon 113 and Freon 123a detected in the subslab. Given this and using the maximum subslab air concentrations of $6,700$ and $940 \mu\text{g}/\text{m}^3$, respectively; resultant exposure point concentrations for indoor air are 670 and $94 \mu\text{g}/\text{m}^3$, respectively. This is approximately 17 times greater than levels that would result using a site-specific attenuation factor of 0.00567 derived using the maximum concentrations in indoor air and in subslab air samples ($38 \mu\text{g}/\text{m}^3 / 6700 \mu\text{g}/\text{m}^3$).

Intake. The intake factor is a value that combines the site-specific and receptor-specific assumptions for a given exposure pathway and is expressed as the amount of medium (e.g., air) taken into the body per unit concentration of chemical in the medium.

Multiplying the intake factor by the exposure point concentration yields the daily chemical intake for that receptor population and exposure pathway. The following is a generic equation used to calculate intake for inhalation exposures:

$$\text{Intake } (\mu\text{g}/\text{m}^3) = \text{Exposure-Point Concentration } (\mu\text{g}/\text{m}^3) \times \text{Intake Factor}$$

For this exposure scenario, Intake Factor (IF) equals Exposure Frequency (EF) times Exposure Duration (ED) times Exposure Time (ET) divided by Averaging Time (AT). In general, EPA defaults (1989 and 1991) were used in the evaluation of the on-site workers. The exposure assumptions used in this risk assessment for the on-site worker scenario are discussed below.

Exposure Frequency. The default occupational exposure frequency of 250 days per year was used (USEPA 1991). This is based on a 5-day work week with 2 weeks of vacation a year.

Exposure Duration. A worker is assumed to work for 25 years in the same area (USEPA 1991). This represents the 95th percentile for length of time that employees work in the same location, according to the Bureau of Labor Statistics (as cited in USEPA 1991).

Exposure Time. A worker is generally assumed to spend 8 hours a day at work.

Averaging Time. An averaging time equal to the exposure duration was used (USEPA 1989). For the intake equations, averaging time was converted to units of hours by multiplying by 365 days per year and 24 hours per day.

3.2.4.2 Toxicity Assessment

The purpose of the toxicity assessment is to weigh the available and relevant evidence regarding the potential for chemicals to cause adverse health effects in exposed individuals and to provide a quantitative estimate of the relationship between the magnitude of exposure and the likelihood of adverse effects (USEPA 1989). The following hierarchy was used to select toxicity criteria:

1. EPA's Integrated Risk Information System (IRIS) database;
2. EPA Interim Toxicity Criteria published by the National Center for Environmental Assistance;
3. Health Effects Assessment Summary Table (HEAST); and
4. Agency for Toxic Substances and Disease Registry (ATSDR) toxicological profiles.

Freon 113 is not considered a very toxic chemical, and although EPA has not classified Freon 113 as to its carcinogenicity, no evidence is available that suggests that Freon 113 is carcinogenic (USEPA 1994). Noncancer (chronic) toxicity data is available for this chemical.

Chronic toxicity data (reference doses or reference concentrations) are estimates of a daily exposure level for the human population, including sensitive subpopulations that are likely to be without appreciable risk of noncancer effects during a lifetime of exposure (USEPA 1989). These are specifically developed to be protective for long-term exposure to a chemical and are generally used to evaluate the potential noncancer effects associated with exposure periods of 7 years to a lifetime. The criteria for inhalation are reference concentrations (RfCs) for noncarcinogens. The inhalation RfC used in this assessment of $3 \times 10^4 \mu\text{g}/\text{m}^3$ for Freon 113 was obtained from HEAST (USEPA 1997). This toxicity criterion incorporates EPA's default adult inhalation rate of $20 \text{ m}^3/\text{day}$ (USEPA 2009).

Cancer or noncancer toxicity data for Freon 123a was not available from the searched databases.

3.2.4.3 Risk Evaluation

Risk characterization is the summarizing step of risk assessment. In the risk characterization, the toxicity values (RfCs) are applied in conjunction with the exposure point concentrations and summary intake assumptions to estimate health hazards. The potential for adverse health effects other than cancer (noncancer effects) is characterized by dividing estimated

chemical intakes (or chemical dose) by chemical-specific RfCs. The resulting ratio is the hazard quotient (HQ), derived as follows:

$$HQ = \frac{\text{Intake } (\mu\text{g/ m}^3)}{\text{RfC } (\mu\text{g/ m}^3)}$$

If the total HQ is less than or equal to 1, exposures to chemicals at the site are considered unlikely to result in an adverse effect. If the total HQ is greater than 1, further evaluation is recommended by USEPA. As presented on Table 4, the HQ resulting from the current indoor air maximum concentration is 0.0003, about four orders of magnitude below USEPA's target HQ of 1. The HQ resulting from a conservative assessment of potential future migration of subslab air into indoor air is 0.005, approaching three orders of magnitude below the target HQ.

3.2.4.4 Uncertainty Analysis

Sampling of indoor and subslab air was undertaken in a manner consistent with current NYSDOH guidance and practice. Also, sampling was undertaken during the heating season when the greatest amount of vapor intrusion and least amount of dilution by outdoor air is expected. Thus, the sampling results used in the analysis are representative reasonable maximum exposure conditions at the site.

Toxicity data is not available for Freon 123a, which was detected in one subslab air sample, likely because it has a relatively low volatility. This absence biases the results of the assessment incrementally lower. Given that this compound was not detected in indoor air and was detected in only one of the three subslab air samples, the absence of toxicity data for this compound is insignificant to the conclusions of the assessment.

To assess potential future intrusion into the building by subslab air, an attenuation factor of 0.1 was used in the assessment. The ratio of the maximum indoor air concentration to maximum subslab air concentration is 38 to 6,700 or 0.00567. It is likely that equilibrium

conditions have already been achieved (representing conservative heating season conditions) between the subslab air and the indoor air. Therefore, the attenuation factor used in the assessment may be conservative by an estimated factor of 17.

4.0 CONCLUSIONS

Freon 113 was detected in all indoor air and subslab air samples collected at the site during the March 2009 sampling event. The Freon 113 air concentrations were detected above background, and possibly represent volatilization of remnant Freon 113 present in groundwater at the site. As the Freon concentrations continue to decrease in groundwater, subslab and indoor air concentrations are anticipated to decrease to below detection.

Several evaluations and comparisons were made to determine potential health risk posed to workers in the building. The maximum Freon 113 concentration detected in indoor air at the site is three to five orders of magnitude (1,000 to 100,000 times) or more below the various objective measures and guidance values available for Freon 113. Hazard quotients conservatively developed for current and potential future exposure to Freon in indoor air resulting from vapor intrusion range from 0.005 to 0.0004, significantly below USEPA's target HQ of 1, which indicates that further action is not necessary. Therefore, there is no current or anticipated potential future health risk posed due to Freon vapors volatilizing from groundwater and intruding into indoor air at the site.

5.0 REFERENCES

- New York State Department of Environmental Conservation (NYSDEC). 2005. *Record of Decision, Former EMCA Site, Mamaroneck (V), Westchester County, New York, Site Number 3-60-025*. March.
- New York State Department of Health (NYSDOH). 2006. *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. Final. October.
- URS. 2007. *Soil Vapor Intrusion Study Work Plan, Former EMCA Site Mamaroneck, New York*. Buffalo, New York. March.
- USEPA. 1989. *Risk Assessment Guidance for Superfund: Volume 1 - Human Health Evaluation Manual. Part A*. Interim Final. EPA 540/1-89/002. Office of Emergency and Remedial Response. Washington, D.C.
- USEPA. 1991. *Risk Assessment Guidance for Superfund: Volume 1 - Human Health Evaluation Manual. Supplemental Guidance: Standard Default Exposure Factors. Interim Final*. OSWER Directive 9285.6-03. March.
- USEPA. 1994. *Chemical Summary for Freon 113*. Prepared by Office of Pollution Prevention and Toxics. EPA 749-F-94-012a.
- USEPA. 1997. *Health Effects Advisory Summary Tables (HEAST), FY 1997 Update*. OSWER Directive 9200.6-303 (97-1). EPA-540-R-97-036. July.
- USEPA 2002. *Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance)*. QSWER Directive EPA 530-D-02-004. Draft. November.
- USEPA. 2009. *Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment)*. EPA-540-R-070-002. January.

TABLES

**TABLE 1
OUTDOOR AIR SAMPLE RESULTS**

Sample ID Sampling Date Matrix Units	20090326H-OA-01N 3/26/09 Outdoor Air	
	ppbv	ug/m ³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	ND (0.2)	ND (1.5)
1,2-Dichloro-1,2,2-trifluoroethane (Freon-123a) (as TIC)	ND	ND
Chlorotrifluoroethene (Freon-1113) (as TIC)	ND	ND

Notes:

ppbv - parts per billion volume

ug/m³ - micrograms per cubic meter

TIC - Tentatively Identified Compound (detection limits are not applicable for TICs)

ND (0.2) - The compound was not detected; the indicated concentration is the quantitation limit

**TABLE 2
INDOOR AIR SAMPLE RESULTS**

Sample ID Sampling Date Matrix Units	20090326H-FF-01N 3/26/09 Indoor Air		20090326H-FF-02N 3/26/09 Indoor Air		20090326H-FF-03N 3/26/09 Indoor Air	
	ppbv	ug/m ³	ppbv	ug/m ³	ppbv	ug/m ³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	5	38	2.2	17	1.3	10
1,2-Dichloro-1,2,2-trifluoroethane (Freon-123a) (as TIC)	ND	ND	ND	ND	ND	ND
Chlorotrifluoroethene (Freon-1113) (as TIC)	ND	ND	ND	ND	ND	ND

Notes:

ppbv - parts per billion volume

ug/m³ - micrograms per cubic meter

TIC - Tentatively Identified Compound (detection limits are not applicable for TICs)

**TABLE 3
SUBSLAB AIR SAMPLE RESULTS**

Sample ID Sampling Date Matrix Units	20090326H-SS-01N 3/26/09 Subslab Air		20090326H-SS-02N 3/26/09 Subslab Air		20090326H-SS-02N FD 3/26/09 Subslab Air	
	ppbv	ug/m ³	ppbv	ug/m ³	ppbv	ug/m ³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	610	4700	4.8	37	4.8	37
1,2-Dichloro-1,2,2-trifluoroethane (Freon-123a) (as TIC)	150	940	ND	ND	ND	ND
Chlorotrifluoroethene (Freon-1113) (as TIC)	ND	ND	ND	ND	ND	ND

Sample ID Sampling Date Matrix Units	20090326H-SS-03N 3/26/09 Subslab Vapor	
	ppbv	ug/m ³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	870	6700
1,2-Dichloro-1,2,2-trifluoroethane (Freon-123a) (as TIC)	ND	ND
Chlorotrifluoroethene (Freon-1113) (as TIC)	ND	ND

Notes:

ppbv - parts per billion volume

ug/m³ - micrograms per cubic meter

TIC - Tentatively Identified Compound (detection limits are not applicable for TICs)

**TABLE 4
CALCULATION OF NONCANCER RISK**

Exposure Medium: Indoor Air / Subslab Vapor	Hazard Quotient = Intake/RfC
Receptor Population: Industrial Worker	
Receptor Age: Adults	
Exposure Point: Indoor Air	

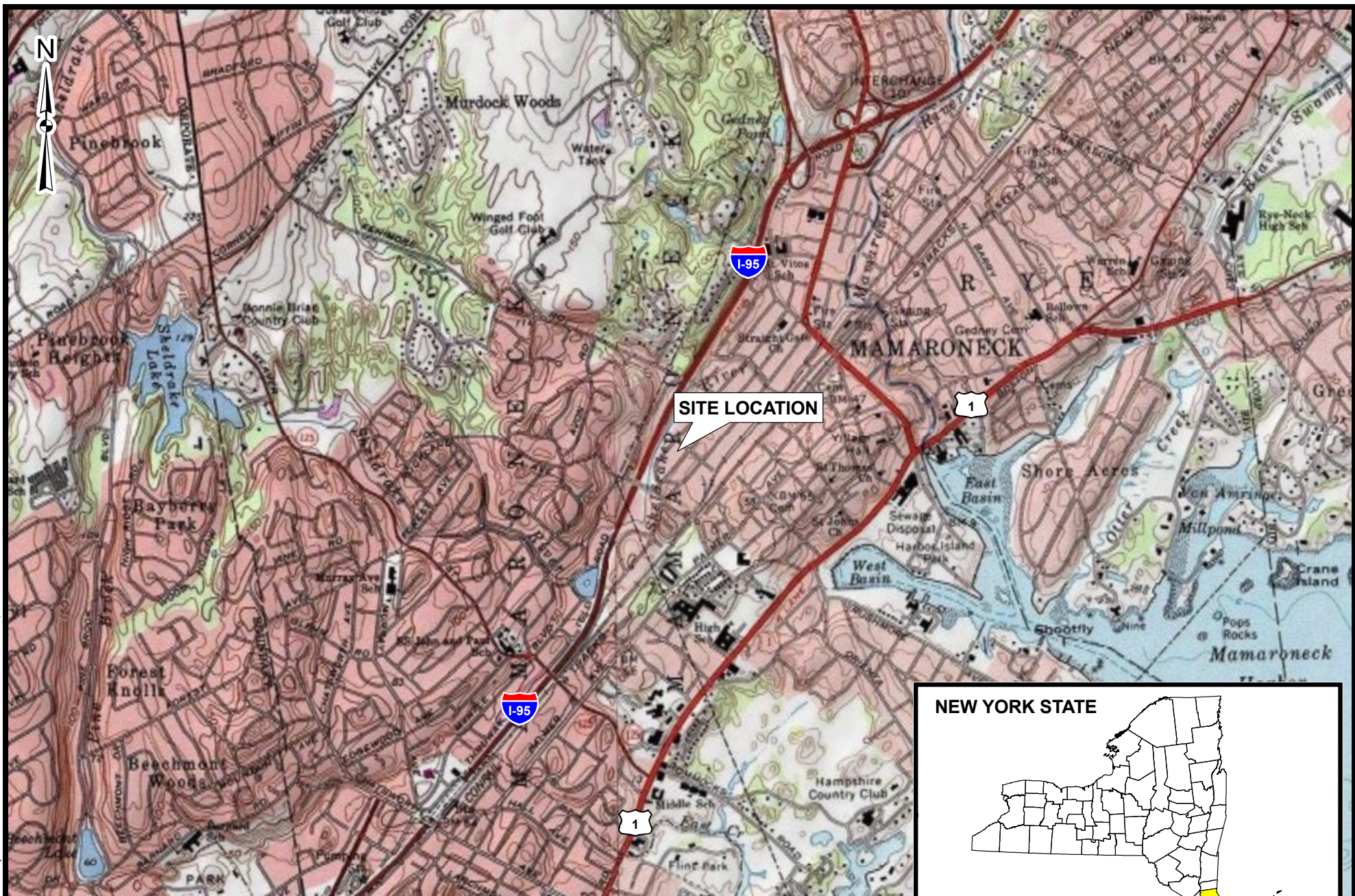
Parameter	Units	Indoor Air Maximum	Subslab Maximum	
Freon 113				
Measured Maximum Concentration (MMC)	ug/m ³	3.8E+01	6.7E+03	
Assumed Attenuation Factor(AF)	unitless	1.0E+00	1.0E-01	
Chemical Concentration in Indoor Air (Cair=MMCxAF)	ug/m ³	3.8E+01	6.7E+02	
Freon 123a				
Measured Maximum Concentration (MMC)	ug/m ³	-	9.4E+02	
Assumed Attenuation Factor(AF)	unitless	1.0E+00	1.0E-01	
Chemical Concentration in Indoor Air (Cair=MMCxAF)	ug/m ³	-	9.4E+01	
Exposure Frequency (EF)	days/year	250	250	
Exposure Duration (ED)	years	25	25	
Exposure Time (ET)	hours/day	8	8	
Averaging Time (noncancer) (AT)	hours	219,000	219,000	
Intake Factor (IF) = (ET x EF x ED)/AT	unitless	2.28E-01	2.28E-01	

Chemical	RfC (ug/m ³)
Freon 123a	NA
Freon 113	3.0E+04

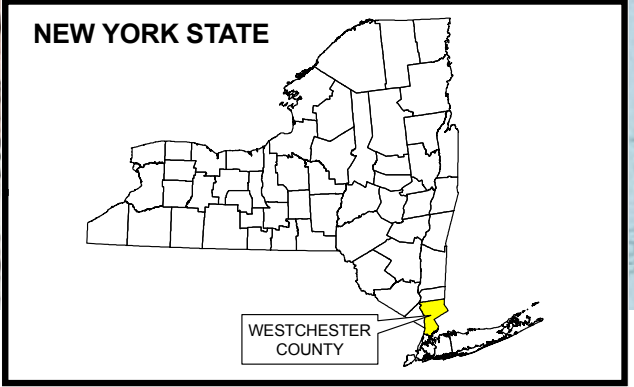
Reasonable Maximum Exposure - Noncancer Risk			
Chemical	Cair (ug/m ³)	Intake (ug/m ³)	Hazard Quotient
Assuming Maximum Detection in Indoor Air			
Freon 113	3.8E+01	8.68E+00	0.0003
Assuming Maximum Detection in Subslab Vapor			
Freon 123a	9.4E+01	NA	NA
Freon 113	6.7E+02	1.53E+02	0.005

Intake = Cair x Intake Factor
 NA = not available

FIGURES



SOURCE: USGS Topographical Quadrangle
 Mount Vernon, New York, 1979 and
 Mamaroneck, New York, 1985.





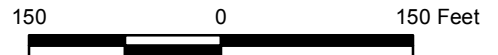
SITE LOCATION MAP

FIGURE 1



Legend

-  Approximate Groundwater Flow Direction
-  Former EMCA Site Boundary (Approximate)

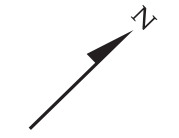
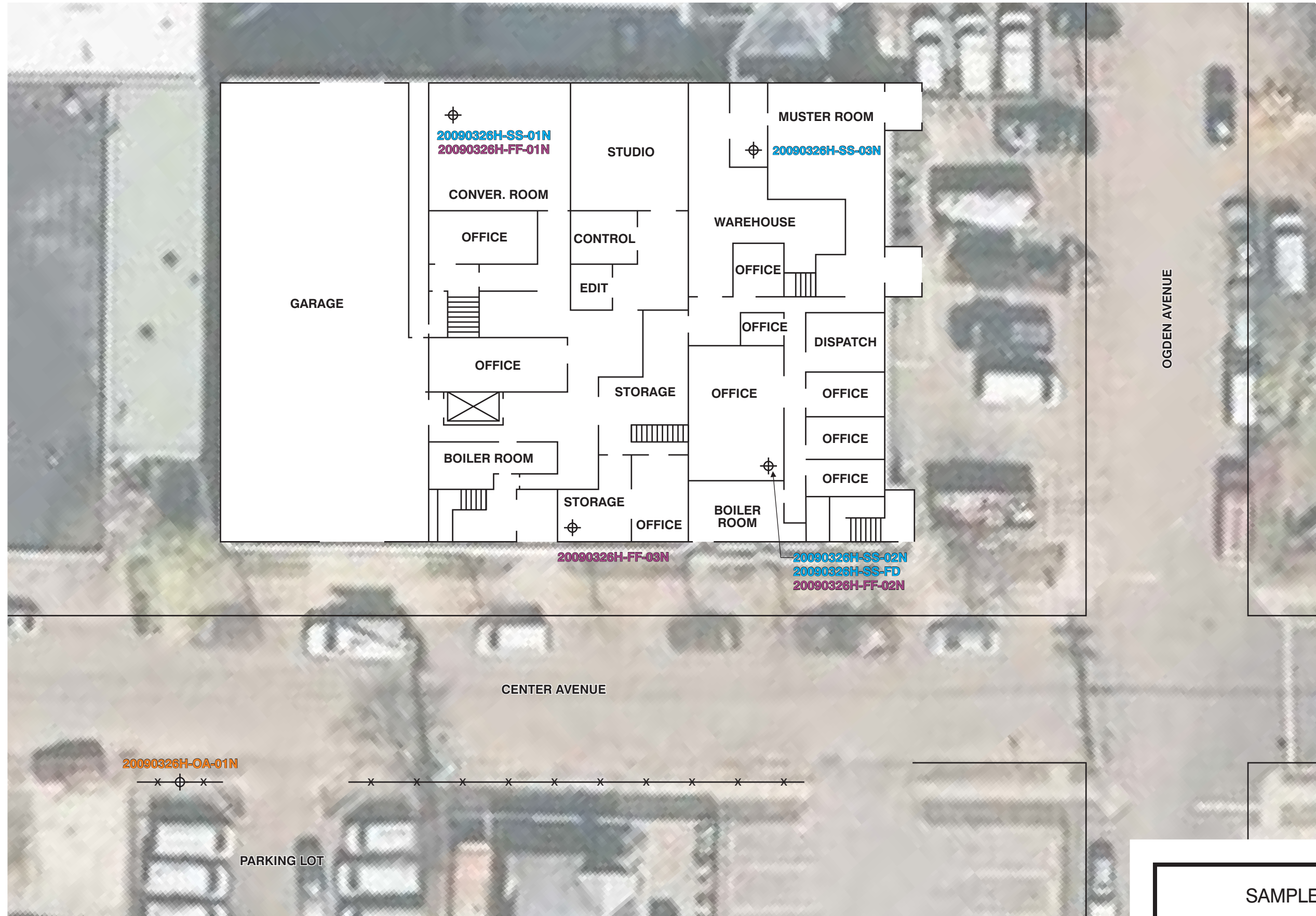


N:\1172730.00000\DB\GIS\2001\ArcMap\SitePlan.mxd 6/1/2009 10:50:03 AM Lumb, M



BUILDING LOCATION MAP

FIGURE 2



Approximately
20 Feet

- ⊕ **FF** - First Floor Indoor Air Sample Location
- ⊕ **OA** - Outdoor Air Sample
- ⊕ **SS** - Subslab Air Sample

SAMPLE LOCATION MAP



FIGURE 3

APPENDIX A

RECORD OF WORK PLAN MODIFICATIONS



Edward Tokarski
<ETokarski@rohmmaas.com>
03/19/2009 04:08 PM

To "Lee, Ronnie" <rslee@gw.dec.state.ny.us>
cc "Walz, Nathan " <nwm02@health.state.ny.us>, "przybyl,
Bruce" <bruce_przybyl@urscorp.com>, "Cohen, Irv"
<icohen@enviro-sciences.com>, "Vetere, Louis"
bcc

Subject NYSDEC Request to modify March 2007 Workplan

History:  This message has been forwarded.

Ronnie, the purpose of this email is to document discussions earlier today regarding the NYSDEC's request to modify the approved March 2007 Vapor Intrusion Study Workplan, and to list the changes to the Work Plan.

1. The contingent indoor air program will be implemented concurrently with the sub-slab sampling program.
2. Samples will be collected this heating season, before, on or about March 31st.
3. Pre-sampling inspection will occur by DOH and Cablevision consultant during agreeable hours to select sample locations.
4. Indoor air sampling and sub-slab sampling at agreed to locations will be performed during hours acceptable to Cablevision.
5. One outdoor background air (ambient air) sample will be collected (not a modification to the work plan.)
6. 2 or 3 indoor air samples will be collected on the first floor at locations to be determined during item 3 above.
7. 3 sub-slab samples will be collected at locations to be determined (not a modification to the work plan).
8. A helium tracer will be used during the sub-slab sample effort.
9. Samples will be collected by Enviro-Sciences (Cablevision consultant) with URS providing oversight for compliance with work plan as modified.
10. A smaller diameter hole (5/8 inch to 1 inch depth, 1/2 inch through slab) will be advanced rather than the 1 inch hole specified in the work plan.
11. Sample duration will be 8-hours for both indoor air and sub-slab (not a modification to the work plan).
12. Implementation of the concurrent sub-slab and indoor air program as modified eliminates the need for the exterior soil gas sampling program (Section 2.1 Task 1).
13. Not discussed during the call but consistent with the Work Plan is that only one duplicate sample is now required because the total number of samples is less than 10 primary samples overall during one event.

All other elements of the work will be followed as written and approved. As per the workplan (Tasks 2 and 3, Section 2.2 and 2.3):

1. The summa canisters will be analyzed using USEPA method TO-15 for VOCs including Freon 113 with Freon 1113 and Freon 123a reported as TICS.
2. Preliminary sample results will be available within four weeks after collection.
3. Full data packages will be available one week after that.
4. A data usability review will be conducted on the Freon analytical data prior to release to the NYSDEC.
5. Rohm and Haas will report only the Freon compounds and the results for all other compounds will be provided to the NYSDEC for their separate use.

We will provide the full data packages to NYSDEC and Cablevision as soon as they are available and will not wait until after the Freon data usability review.

Please respond back with any modifications or clarifications or indicate that there are none.

Rohm and Haas is evaluating NYSDEC's request and I will provide you with our decision regarding implementation later today.

Ed Tokarski | Corporate Remediation Projects Manager | Corporate Remediation Group
Rohm and Haas Company | 3100 State Rd | Croydon, PA 19021
Phone: **215-785 7244** | Fax: 215-785-7077 | Etokarski@rohmmaas.com

Sub-Slab Sampling Protocol
Utilized for EMCA March 2009
Vapor Intrusion Study Sampling Event

Sub-Slab Sample Collection and Helium Tracer Gas Testing

- 1) Drill a 5/8-inch diameter hole approximately one inch into the concrete floor using a hammer drill. Extend the hole through the remaining thickness of the slab using a 1/2-inch diameter drill bit. Lengthen the hole about three inches (3") beyond the sub-slab using the drill bit. Clean out the 5/8-inch drilled hole using a round stainless steel wire brush.
- 2) Insert one end of a 1/4-inch outside diameter (OD) by 1/8-inch inside diameter (ID) Teflon tube through the hole of a 5/8-inch OD rubber stopper. About 2-inches of tubing should extend beyond the rubber stopper. Insert the tubing into the 5/8-inch diameter hole so that the stopper rests on the top of the 1/2 inch diameter drilled hole. Pack the annulus of the 5/8-inch hole with Sculpey modeling clay and extend the clay above the floor in a volcano-like shape.
- 3) Place a 2-quart (or similar size) bucket over the floor seal and sample tubing while threading the sample tubing through a hole in the top of the bucket. Seal the tubing to the top of the bucket with modeling clay.
- 4) The bucket should also have a hole in the top for the injection of helium gas. An additional hole should be present in the side, near the bottom, to measure the concentration of helium gas in the bucket.
- 5) Connect helium (99.999% pure) cylinder tubing to the top port of the bucket enclosure using 3/8-inch silicone tubing sealed to the bucket with clay or other sealing material. Insert a helium detector probe into the bottom port of the bucket.

- 6) Release enough helium to displace any ambient air in the bucket until the concentration of helium reaches a minimum of 90%. Maintain this minimum concentration by testing with a portable helium detector.
- 7) Connect the sample tubing to a GilAir vacuum pump, or equivalent, using, 3/8-inch silicone tubing. Connect a 1-liter Tedlar bag to the outlet of the pump using silicone tubing and collect a 1-liter sample. Analyze the Tedlar bag for the presence of helium and any other compounds of interest and record the results. A concentration of helium 2% or greater indicates a poor seal of the tubing to the building floor or a poor seal where the tubing connects to the probe. In that case, reconnect the tubing or reseal the probe to the floor and retest.
- 8) Purging flow rates for helium testing must not exceed 0.2 liters per minute (L/min). The helium cylinder should be open during the purge time to cause a positive pressure within the enclosure.
- 9) Remove the brass plug from the top of a Summa canister and attach the flow controller provided by the laboratory (you must have one for each summa canister). Record the canister and flow controller's serial numbers on the field sample forms. **Do not reuse flow controllers** between locations.
- 10) Attach the sample tube to the sample canister, via the flow controller/particulate filter assembly, using a 1/4-inch Swagelok nut and ferrules.
- 11) Open canister valve to initiate sample collection and record start time, date and beginning vacuum on the canister identification tag and on the field sample forms.

- 12 After the sampling interval (e.g., 2 hours), close the canister valve completely and record the time and final vacuum. There should still be a slight vacuum (about 3 to 5 inches of Hg) in the canister. If no vacuum remains in the canister, do not send the canister for analysis. Retake the sample using the same procedure with a fresh canister and flow controller.
- 13 Disconnect the sample tubing from the canister.
- 14 Remove the flow controller, replace the brass cap on the canister and place canister and flow controller in original packaging for shipment to the laboratory.
- 15 Remove the sample tubing from the sub-slab sampling hole and fill the hole with hydraulic cement.

APPENDIX B

INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY FORM

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 Matt Accardi Date/Time Prepared 3/25/09 11am

Preparer's Affiliation Consultant Phone No. (973) 810-9010

Purpose of Investigation Soil Vapor Intrusion Investigation

1. OCCUPANT:

Interviewed: Y N

Last Name: Vazil First Name: Rob

Address: 609 Center Ave. Mamaroneck NY 10543

County: Westchester

Home Phone: _____ Office Phone: (203) 223-0348

Number of Occupants/persons at this location ~50 Age of Occupants 18 and older

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) NA

- | | | |
|--------------|-----------------|-------------------|
| 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? NA

If the property is commercial, type?

Business Type(s) Cable TV Company

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

Other characteristics:

Number of floors 2 Building age 50 750yrs About 75 yrs old

Is the building insulated? N 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

No significant flow direction observed with smoke tubes

Airflow near source

NA

Outdoor air infiltration

Slight to moderate leakage of outside air through exterior doors to first floor. There are no first floor windows

Infiltration into air ducts

Cannot reach air ducts, They run about 10' above the floor

First Floor

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

- a. Above grade construction: wood frame concrete ^{Blocks} stone brick
- b. ~~Basement~~ type: ^{1st Flr} full crawlspace slab other NA
- c. ~~Basement~~ floor: ^{1st flr} concrete dirt stone other _____
- d. ~~Basement~~ floor: uncovered covered partially covered with tiles
- e. Concrete floor: unsealed sealed sealed with paint and tiles
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with paint
- h. The ~~basement~~ is: ^{1st flr} wet damp dry moldy
- i. The ~~basement~~ is: ^{1st flr} finished unfinished partially finished
- j. Sump present? Y N
- k. Water in sump? 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)

pipe entries, no major cracks noted where tile is not present

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 Heat pump Hot water baseboard ^{Primary}
- Space Heaters Stream radiation Radiant floor
- Electric baseboard Wood stove Outdoor wood boiler Other _____

The primary type of fuel used is:

- Natural Gas Fuel Oil Kerosene
- Electric Propane Solar
- Wood Coal

~~Domestic~~ hot water tank fueled by: natural gas

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y N

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.

Not completed. Much of the ducting is not visible

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	<u>none</u>
1 st Floor	<u>customer center, offices and storage</u>
2 nd Floor	<u>offices, cable/computer equipment rooms</u>
3 rd Floor	<u>—</u>
4 th Floor	<u>—</u>

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
Please specify 12 cars/trucks
- d. Has the building ever had a fire? Y / N When? _____
- e. Is a kerosene or unvented gas space heater present? Y / N Where? _____
- f. Is there a workshop or hobby/craft area? Y / N Where & Type? Facilities Office 1st
- g. Is there smoking in the building? Y / N How frequently? _____
- h. Have cleaning products been used recently? Y / N When & Type? Daily see inventory
- 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? unknown

k. Is there new carpet, drapes or other textiles? Y N Where & When? _____

l. Have air fresheners been used recently? Y N When & Type? weekly aerosol fragrance

m. Is there a kitchen exhaust fan? Y N If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y N If yes, where vented? _____

o. Is there a clothes dryer? Y N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y N When & Type? outdoors only
six months ago. herbicide

Are there odors in the building? Y N
If yes, please describe: _____

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? _____

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) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

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) NA

a. Provide reasons why relocation is recommended: _____

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

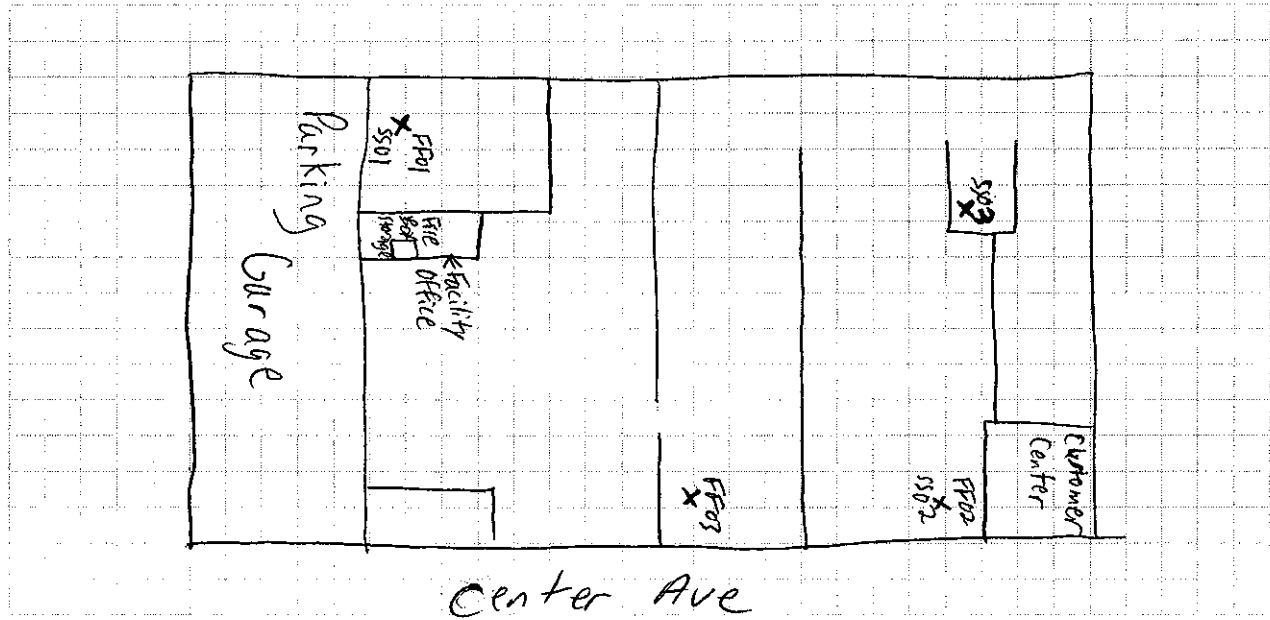
c. Responsibility for costs associated with reimbursement explained? Y / N

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:~~ First Floor



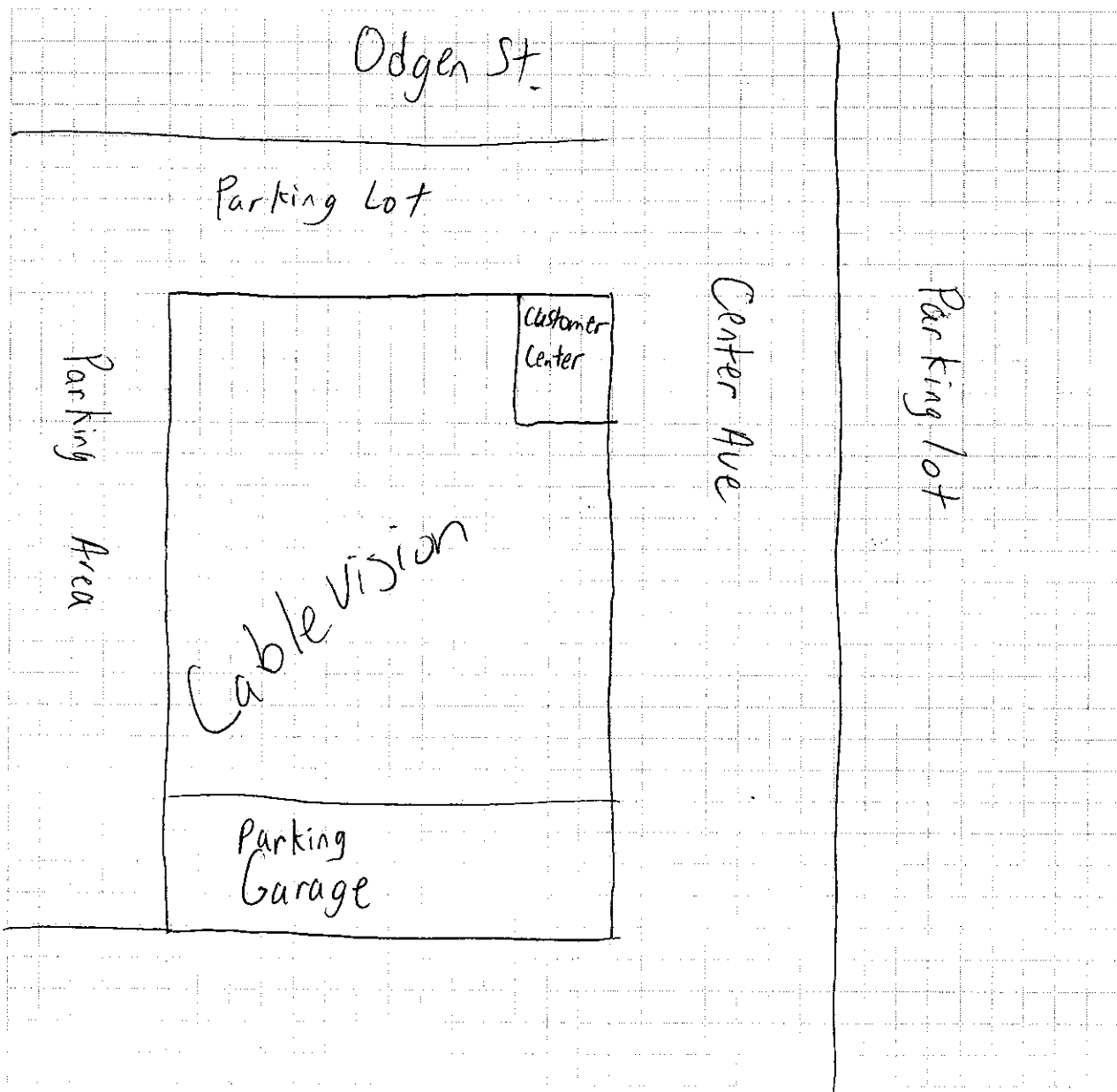
~~First Floor:~~ Second Floor

See Attached figure for a more detailed
First floor drawing

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.



3/25/09
3/26/09

PZ1

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units) ppb	Photo ** Y/N
Janitor's Closet	Stainless Steel Cleaner & Polish	20 116 2.75oz cans	U/UO	mineral oil, Synthetic Isoparaffinic Hydrocarbon, Mineral Spirit, Acetone, methyl Acetate, Propane	1913	N
	Non-Acid Disinfectant Bathroom Cleaner	50 32oz bottles	U/UO	Alkyl, dimethyl benzyl ammonium chloride, octyldecyl dimethyl ammonium chloride, Diacetyl dimethyl ammonium chloride, Didecyl dimethyl ammonium chloride	0	
	MicroBurst Air Neutralizer	15 6oz cans	U/UO	Isobutane, Propane, Alcohol Denat, Hexylene Glycol, Dipropylene Glycol "Fragrances" "Odor Neutralizers"	37	
	Carpet Shampoo	10 40oz bottles	U/UO	water, Acrylate Copolymer, Sodium Alpha Olefin Sulfonate, Sodium Tripolyphosphate Glycol Ether	2205	
	Floor Cleaner	15 1 gal bottles	U/UO	Anionic Surfactants, Nonionic Surfactant, optical Brightener, water, "Essential oils", water	0	
	Floor Stripper	20 5/6 bags	U/UO	mono ethanolamine Sodium Hydroxide water sodium xylene sulfonate 2-Butoxyethanol Benzylalcohol	0	
Facilities office (Fire Box)	Paint Thinner	3 1 gallon jug	U/UO	Not listed	120 ppm	
	Raid Herbicide	3 jugs	U/UO	Not listed	76 ppm	
	Chem Dry "Stain Extinguisher"	1/2 can	U	Not listed	51 ppm	
	Paint Primer	1 can 116	U	MEK, Cyclohexanone, Tetrahydrofuran, Acetone	54 ppm	
	Ortho Weed B Gon	1 jug	UO	methyl-4-Chlorophenoxy Propionic	58 ppm	
	↳ Herbicide			3,6 Dichloro-2-4-dichlorophenoxyacetic		

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)

** 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.

609 Center Ave
 Manaroneck, NY
 3/25/09
 3/26/09
 pg 2

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

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

Location	Product Description	Size (units)	Condition *	Chemical Ingredients	Field Instrument Reading (units) <i>ppb</i>	Photo ** <u>Y/N</u>
Storage Rm.	Multi Surface Cleaner	1, 1lb	U	water, Isopropanol, Isobutane	3190	N
		spray can		2-Butoxyethanol		
	Anti-Static Cleaner + Polish	1, 1lb	U	Not Listed	0	
		spray can				
↓	Insect Repellent	5, 6oz	U	N,N-diethyl-meta-toluidide	0	↓
		spray cans		"Other Isomers"		

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**
 ** 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.

APPENDIX C
SUMMA CANISTER DATA SHEETS

Summa Canister Data Sheet

Site: FOUNTAIN SMCA SITE

Samplers: MATT ACCARDI, JOHN BOYD

Date: 3/26/09

Sample #	20090326H-SS-01N	20090326H-SS-02N	20090326H-SS-03N	20090326H-SS-FD	
Location	609 CENTER AVE. MAMARONECK NY				
Summa Canister ID	4474	2909	3416	3150	
Flow Controller ID	4207	3059	3060 AND 3238	2811	
Additional Tubing Added	NO/ YES - How much 2'	NO/ YES - How much 2'	NO/ YES - How much 2'	NO/ YES - How much 2'	NO/ YES - How much
Purge Time (Start)	0654	0725	0753	0725	
Purge Time (Stop)	0658	0729	0757	0729	
Total Purge Time (min)	4 MIN	4 MIN	4 MIN	4 MIN	
Purge Volume	1/2 LITER	1/2 LITER	1/2 LITER	1/2 LITER	
PID Test of Purge Air	—	—	—	—	
Initial Tracer Gas Results	0 PPM	0 PPM	0 PPM	0 PPM	
Pressure Gauge - before sampling	-29	-30	-30 ⁺	-30	
Sample Time (Start)	0816	0809	0811	0809	
Sample Time (Stop)	1715	1520	1730	1651	
Total Sample Time (min)	539	431	559	522	
Pressure Gauge - after sampling	-2 1/2	-3	-3	-2	
Sample Volume	6 LITERS	—	—	—	
Canister Pressure Went To Ambient Pressure?	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO
Final Tracer Gas Results	—	—	—	—	
Weather 24 hours before and during sampling	SUNNY TEMPERATURE Cloudy. Temps in 50°F. Light RAIN AFTER 2 PM.				
General Comments:	20090326H-SS-FD is a duplicate of sample 20090326H-SS-02N. Sample turned off after SS-02N which lost vacuum early. at 1/25, a new regulator, 3238, replaced regulator 3060 in 20090326H-SS-03N which was "TOO SLOW" for this 8-hr event				

Summa Canister Data Sheet

Site: Former EMCA SITE

Samplers: MATT ACCARDI, JOHN BOYD

Date: 3/26/09

Sample #	20090326H- FF-01N	20090326H- FF-02N	20090326H- -FF-03N	20090326H- 0A-01N		
Location	609 CENTER ST. MAMARON MO 3479 NY	—————→—————				
Summa Canister ID	3309 4357	4357	3328	3367		
Flow Controller ID	2666 3479 3986	3986	2803	4516		
Additional Tubing Added	YES - How much <u>NO</u>	YES - How much <u>NO</u>	YES - How much <u>NO</u>	YES - How much <u>NO</u>	YES - How much <u>NO</u>	
Purge Time (Start)	/					
Purge Time (Stop)	/					
Total Purge Time (min)	/					
Purge Volume	/					
PID Test of Purge Air	—					
Initial Tracer Gas Results	—					
Pressure Gauge - before sampling	-30	-27	-30	-29		
Sample Time (Start)	0815	0809	0813	0823		
Sample Time (Stop)	1812	1616 ¹⁶³³	1655	1529		
Total Sample Time (min)	597	504	522	426		
Pressure Gauge - after sampling	-3	-2	-2½	-3		
Sample Volume	6 LITER	6 LITER	6 LITER	6 LITER		
Canister Pressure Went To Ambient Pressure?	YES/NO <u>NO</u>	YES/NO <u>NO</u>	YES/NO <u>NO</u>	YES/NO <u>NO</u>	YES/NO	
Final Tracer Gas Results	—					
Weather 24 hours before and during sampling	See pg 1 of 2					
General Comments:	11:30 Regulator 3479 Added to FF01N at 1119 to replace 3309 which was calibrated too slow for this 8-hour sampling event					

APPENDIX D
LOG OF PHOTOGRAPHS

FORMER EMCA SITE PHOTOGRAPHIC LOG

2009 Indoor Air Investigation



20090326-H-SS-01N



20090326-H-FF-01N

FORMER EMCA SITE PHOTOGRAPHIC LOG

2009 Indoor Air Investigation



20090326-H-SS-02N
20090326-H-SS-FD



20090326-H-FF-02N

FORMER EMCA SITE PHOTOGRAPHIC LOG

2009 Indoor Air Investigation



20090326-H-SS-03N



20090326-H-H-03N

FORMER EMCA SITE PHOTOGRAPHIC LOG

2009 Indoor Air Investigation



20090326-H-OA-01N

APPENDIX E
DATA USABILITY STUDY REPORT

APPENDIX E

DATA USABILITY SUMMARY REPORT

MARCH 26, 2009 VAPOR INTRUSION SAMPLING EVENT

FORMER EMCA SITE

SITE NO. 360025

MAMARONECK, NEW YORK

Analyses Performed by:

TESTAMERICA ANALYTICAL TESTING CORPORATION

30 Community Drive, Suite 11

South Burlington, VT 05403

Prepared for:

The Dow Chemical Company

(Formerly ROHM & HAAS Company)

3100 State Road

Croydon, PA 19021

Prepared by:

URS CORPORATION

77 Goodell Street

Buffalo, New York 14203

MAY 2009

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I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Draft DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for the Development of Data Usability Summary Reports*, December 2002. This DUSR discusses the analytical data for seven (7) air samples (3 indoor, 3 subslab, and 1 outdoor) and one field duplicate (subslab) collected by URS personnel on March 26, 2009, as summarized on Table E-1. The air samples were collected per the *2008-2009 Indoor Air Sampling Work Plan* (URS, Dec. 2008), as part of the vapor intrusion sampling event at the Former EMCA Site located in Mamaroneck, New York.

II. ANALYTICAL METHODOLOGIES

The air samples were analyzed by TestAmerica Laboratories, Inc., located in Burlington, Vermont for 1,1,2-trichloro-1,2,2-trifluoroethane (Freon-113), 1,2-dichloro-1,1,2-trifluoroethane (Freon-123a), and chlorotrifluoroethene (Freon-1113) following USEPA Method TO-15. Freon-123a and Freon-1113 were quantitated as tentatively identified compounds (TICs).

It should be noted that the laboratory was requested by URS to analyze the air samples for the standard target compound list, only to be used for informational purposes by the NYSDEC. This DUSR does not include a review of this ancillary information, nor is it reported in Table E-2.

III. DATA VALIDATION

A limited data validation was performed following the guidelines in USEPA Region II *Validating Air Samples, Volatile Organic Analysis of Ambient Air in Canister by Method TO-15*, SOP No. HW-31, Revision #4, October 2006. The validated analytical results are presented in Table E-2. Copies of the validated laboratory results (i.e., Form 1's) are presented in Attachment A. Copies of the case narratives, chain-of-custodies, and documentation supporting the qualification of data are presented in Attachment B. Only problems affecting data usability are discussed in this report.

IV. DATA DELIVERABLE COMPLETENESS

The laboratory deliverable data packages were in accordance with NYSDEC Analytical Services Protocol (ASP) Category B requirements.

V. PRESERVATION/ SAMPLE RECEIPT/HOLDING TIMES

All samples were received by the laboratory intact, properly preserved, and under proper chain-of-custody (COC), except for the following instances.

- The “time stop” and “canister vacuum (stop)” for indoor air sample 20090326H-FF-01N were not documented on the COC. Also, the canister ID tags for all samples did not include the “time stop”. However, the accompanying “Summa Canister Data Sheets” did provide the missing information for the laboratory to correctly login the samples.
- The date and time the samples were relinquished by the field technician were entered into the wrong fields of the COC (i.e., samples shipped by).
- The flow controller for subslab air sample 20090326H-SS-02N was turned off before 8-hours had expired (i.e., 7.2 hrs.) because the Summa® canister was prematurely losing vacuum. The canister did not go to ambient (i.e., zero vacuum).
- The flow controllers for subslab air sample 20090336H-SS-03N and indoor air sample 20090326H-FF-01N, were not calibrated correctly by the laboratory (i.e., flow too slow for 8-hour sampling event). The field technician replaced the faulty flow controllers with properly calibrated flow controllers, as noted on the COC.

The above referenced issues did not require data qualification, per the data validation guidelines.

VI. NONCONFORMANCES

No sample analysis non-conformances were noted during the data review. Therefore, the data are usable as reported.

VII. SUMMARY

All sample analyses were found to be compliant with the method and validation criteria. URS does not recommend the re-collection of any samples.

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- D – The sample results are reported from a separate secondary dilution analysis.

TABLE E-1
SAMPLE AND ANALYSIS SUMMARY - MARCH 26, 2009

SDG No.	Sample ID	Matrix	VOCs*	Comments
NY130926	20090326H-FF-01N	Indoor Air	X	---
	20090326H-FF-02N	Indoor Air	X	---
	20090326H-FF-03N	Indoor Air	X	---
	20090326H-OA-01N	Outside Air	X	---
	20090326H-SS-01N	Subslab Air	X	---
	20090326H-SS-02N	Subslab Air	X	---
	20090326H-SS-03N	Subslab Air	X	---
	20090326H-SS-FD	Subslab Air	X	Field Duplicate of H-SS-02

Notes:

* - Volatile Organic Compounds (VOCs) include only 1,1,2-trichloro-1,2,2-trifluoroethane (Freon-113); and 1,2-dichloro-1,1,2-trifluoroethane (Freon-123a) and chlorotrifluoroethene (Freon-1113) as a TICs.

X - Parameter requested.

TIC - Tentatively Identified Compound

TABLE E-2
VAPOR INTRUSION ANALYTICAL RESULTS
FORMER EMCA SITE

Location ID		H-FF-01	H-FF-02	H-FF-03	H-OA-01	H-SS-01
Sample ID		20090326H-FF-01N	20090326H-FF-02N	20090326H-FF-03N	20090326H-OA-01N	20090326H-SS-01N
Matrix		Indoor Air	Indoor Air	Indoor Air	Outdoor Air	Subslab Vapor
Depth Interval (ft)		-	-	-	-	-
Date Sampled		03/26/09	03/26/09	03/26/09	03/26/09	03/26/09
Parameter	Units					
Volatiles						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	UG/M3	38	17	10	1.5 U	4,700
Tentatively Identified Compound						
1,2-Dichloro-1,1,2-trifluoroethane (Freon-123A)	UG/M3	0 U	0 U	0 U	0 U	940 NJ
Chlorotrifluoroethene (Freon-1113)	UG/M3	0 U	0 U	0 U	0 U	0 U

Flags assigned during chemistry validation are shown.

U - Non-Detect

NJ - Analyte is reported as tentatively identified compound at an estimated concentration.

MADE BY: __PRF_05/07/09__ CHKD BY: __AMK_05/08/09__

Detection Limits shown are PQL

TABLE E-2
VAPOR INTRUSION ANALYTICAL RESULTS
FORMER EMCA SITE

Location ID		H-SS-02	H-SS-02	H-SS-03
Sample ID		20090326H-SS-02N	20090326H-SS-FD	20090326H-SS-03N
Matrix		Subslab Vapor	Subslab Vapor	Subslab Vapor
Depth Interval (ft)		-	-	-
Date Sampled		03/26/09	03/26/09	03/26/09
Parameter	Units		Field Duplicate (1-1)	
Volatiles				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	UG/M3	37	37	6,700
Tentatively Identified Compound				
1,2-Dichloro-1,1,2-trifluoroethane (Freon-123A)	UG/M3	0 U	0 U	0 U
Chlorotrifluoroethene (Freon-1113)	UG/M3	0 U	0 U	0 U

Flags assigned during chemistry validation are shown.

U - Non-Detect

NJ - Analyte is reported as tentatively identified compound at an estimated concentration.

MADE BY: __PRF_05/07/09__ CHKD BY: __AMK_05/08/09__

Detection Limits shown are PQL

ATTACHMENT A

VALIDATED ANALYTICAL RESULTS (FORM 1's)

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790551

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Freon TF	76-13-1	5.0		0.20	38		1.5

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-FF-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790551

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790551

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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FORM I VOA-TIC

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-02N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790552

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Freon TF	76-13-1	2.2		0.20	17		1.5

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-FF-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790552

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790552

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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FORM I VOA-TIC

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-03N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790553

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Freon TF	76-13-1	1.3		0.20	10		1.5

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-FF-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790553

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790553

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM I VOA-TIC

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-OA-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790554

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
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Freon TF	76-13-1	0.20	U	0.20	1.5	U	1.5
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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-OA-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790554

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790554

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
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FORM I VOA-TIC

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 29.10

Sample Matrix: AIR

Lab Sample No.: 790547

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Freon TF	76-13-1	610		5.8	4700		44

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-SS-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790547

Sample wt/vol: 28.00 (g/mL) ML Lab File ID: 790547D2

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 29.1

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 354-23-4	ETHANE, 1,2-DICHLORO-1,1,2-Trifluoro-	6.05	150	NJ
2.				
3.				
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[940 ug/m³]

5/4/09
R

FORM I VOA-TIC

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-02N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790548

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Freon TF	76-13-1	4.8		0.20	37		1.5

FORM 1
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-SS-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Matrix: (soil/water) AIR Lab Sample ID: 790548
 Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790548
 Level: (low/med) LOW Date Received: 03/28/09
 % Moisture: not dec. _____ Date Analyzed: 03/31/09
 GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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FORM I VOA-TIC

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-03N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 30.00

Sample Matrix: AIR

Lab Sample No.: 790549

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Freon TF	76-13-1	870		6.0	6700		46

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-SS-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790549

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 790549D

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 30.0

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

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM I VOA-TIC

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20090326H-SS-FD

(H-SS-02N)

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790550

Date Analyzed: 03/31/09

Date Received: 03/28/09

5/4/09

Target Compound	CAS Number	Results In ppbv	Q	RL in ppbv	Results In ug/m3	Q	RL In ug/m3
Freon TF	76-13-1	4.8		0.20	37		1.5

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHA SAMPLE NO.

0326H-SS-FD
(17-SS-02A)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

5/4/09

Matrix: (soil/water) AIR Lab Sample ID: 790550

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790550

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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FORM I VOA-TIC

ATTACHMENT B
SUPPORT DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

April 27, 2009

Mr. Peter Fairbanks
URS Corporation
77 Goodell Street
Buffalo, NY 14203

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY130926

Dear Mr. Fairbanks:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on March 28th, 2009. 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: 03/28/09 ETR No: 130926			
790547	20090326H-SS-01N	03/26/09	AIR
790548	20090326H-SS-02N	03/26/09	AIR
790549	20090326H-SS-03N	03/26/09	AIR
790550	20090326H-SS-FD	03/26/09	AIR
790551	20090326H-FF-01N	03/26/09	AIR
790552	20090326H-FF-02N	03/26/09	AIR
790553	20090326H-FF-03N	03/26/09	AIR
790554	20090326H-OA-01N	03/26/09	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.

EPA Method TO-15 – Volatile Organics:

Due to inherent software limitations, the sample identifications for 20090326H-SS-01N, 20090326H-SS-02N, 20090326H-SS-03N, 20090326H-SS-FD, 20090326H-FF-01N, 20090326H-FF-02N, 20090326H-FF-03N and 20090326H-OA-01N were truncated.

The volatile organics analyses for sample 20090326H-SS-01N and 20090326H-SS-03N were accomplished at dilution based on screen analyses, to ensure quantitation of all target constituents within the range of calibrated instrument response.

Manual integration of quantitation peaks was performed where necessary. Documentation of each manual integration was provided in the supportive documentation. Secondary review was performed by the laboratory on all of the manual integrations within this submittal.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) 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, appearing to read "Ron Pentecost". The signature is written in a cursive style with a large, looping initial "R".

For:

Don Dawicki
Project Manager

Enclosure

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: <u>BRUCE PRZYBYL</u>		Samples Collected By: <u>JOHN BOYD</u>		1 of 2 COCs	
Company: <u>URS</u>		Phone: <u>716 856 5636</u>		EPA 3C		EPA 25C	
Address: <u>77 Goodell Street</u>		Email:		TO-14A		TO-15	
City/State/Zip: <u>Buffalo, NY 14203</u>		STL Contact:		Flow Controller ID		Canister ID	
Phone: <u>716 856 5636</u>		Project Name: <u>EMCA SITE</u>		Canister Vacuum In Field, "Hg (Start)		Canister Vacuum In Field, "Hg (Stop)	
FAX:		Site: <u>WAMARONACK, NY</u>		Time Start		Time Stop	
PO #:		Analysis Turnaround Time		Standard (Specify) <input checked="" type="checkbox"/>		Rush (Specify)	
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Flow Controller ID	Canister ID
2009 03 26 H-SS-01N	3/26/09	0816	1715	-29	-25	4207	4474
2009 03 26 H-SS-02N	3/26/09	0809	1520	-30	-3	3059	2909
2009 03 26 H-SS-03N	3/26/09	0811	1730	-30	-3	3060*	3416
2009 03 26 H-SS-FD	3/26/09	-	1651	-30	-2	2811	3150
2009 03 26 H-FF-01N	3/26/09	0815		-30		2666*	3309
2009 03 26 H-FF-02N	3/26/09	0809	1633	-27	-2	3986	4357
Temperature (Fahrenheit) Interior _____ Ambient _____ Start _____ Stop _____ Pressure (inches of Hg) Interior _____ Ambient _____ Start _____ Stop _____							
Special Instructions/QC Requirements & Comments: * NOTE: Sample 20090326 H-SS-03N used two flow controllers: 3060 and 3238 Sample 20090326 H-FF-01N used two flow controllers: 2666 and 3479							
Samples Shipped by: <u>JOHN BOYD</u>		Date/Time: <u>3/27/09 1230</u>		Samples Received by: <u>GRUBBS</u>		Date/Time: <u>3/28/09-0940</u>	
Samples Relinquished by:		Date/Time:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Received by:		Date/Time:	
Shipper Name: _____ Condition: _____ Opened by: _____							

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Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: <u>Bruce Przybyl</u>		Samples Collected By: <u>John Boyd</u>		2 of 2 COCs													
Company: <u>URS</u>	Phone: <u>716 856 5636</u>	Project Name: <u>EMCA SITE</u>	Flow Controller ID	EPA 3C	TO-15	TO-14A	EPA 25C												
Address: <u>77 Goodell St.</u>	Email:	Site Contact:	Canister Vacuum in Field, "Hg (Stop)	Canister ID	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)												
City/State/Zip: <u>Buffalo, NY 14203</u>	Site Contact:	STL Contact:	Canister Vacuum in Field, "Hg (Start)	Flow Controller ID	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)												
Phone: <u>716 856 5636</u>	Analysis Turnaround Time	Standard (Specify)	Time Stop	Canister ID	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)												
FAX:	Rush (Specify)		Time Start	Canister ID	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)												
Project Name: <u>EMCA SITE</u>				Canister ID	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)												
Site: <u>MUNAWAPOMICK NY</u>				Canister ID	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)												
PO #				Canister ID	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)												
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Other (Please specify in notes section)	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	
<u>200903264-FF-03N</u>	<u>3/26/09 0800</u>	<u>0813</u>	<u>1655</u>	<u>-20</u>	<u>-22</u>	<u>2803</u>	<u>3328</u>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>				
<u>200903264-H-0A-01N</u>	<u>3/26/09 0823</u>	<u>1529</u>	<u>1529</u>	<u>-29</u>	<u>-3</u>	<u>4516</u>	<u>3367</u>	<input checked="" type="checkbox"/>											

Temperature (Fahrenheit)		Pressure (Inches of Hg)	
Start	Stop	Interior	Ambient

Special Instructions/QC Requirements & Comments:

Samples Shipped by: <u>John Boyd</u>	Date/Time: <u>3/27/09 1230</u>	Samples Received by: <u>John Boyd</u>	Date/Time: <u>3/26/09 1140</u>
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Lab Use Only: Shipper Name: _____ Condition: _____

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: ROHHAA	Date Received: 3/28/09	Log In Date: 03/30/09
ETR: 130926	Time Received: 0940	By: MS
SDG: NY130926	Received By: VP	Signature: [Signature]
Project: 29080	# Coolers Received: 2 boxes	PM Signature: [Signature]
Samples Delivered By: <input checked="" type="checkbox"/> Shipping Service <input type="checkbox"/> Courier <input type="checkbox"/> Hand <input type="checkbox"/> Other (specify)		Date: 4/5/09
List Air Bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is no evidence to indicate tampering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Custody seals are present and intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Custody seal numbers are present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If yes, list custody seal numbers:				

Thermal Preservation Type: Wet Ice Blue Ice None Other (specify)

IR Gun ID: **96** Correction Factor (CF) = **-2** °C

Cooler 1: Air °C	Cooler 5 °C	Cooler 11 °C	Cooler 16 °C
Cooler 2: °C	Cooler 7 °C	Cooler 12 °C	Cooler 17 °C
Cooler 3: °C	Cooler 8 °C	Cooler 13 °C	Cooler 18 °C
Cooler 4: °C	Cooler 9 °C	Cooler 14 °C	Cooler 19 °C
Cooler 5: °C	Cooler 10 °C	Cooler 15 °C	Cooler 20 °C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun
 EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.
 Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Legible sample labels are affixed to each container	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
• Date of Sample Collection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
• Time of Sample Collection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
• Identification of the Sampler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
• Preservation Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ambient
• Requested Tests Method(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
• Necessary Signatures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Internal Chain of Custody (ICOC) Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If yes to above, ICOC Record initiated for every Worksheet	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Appropriate sample containers were received for the tests requested	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples were received within holding time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sufficient amount of sample is provided for requested analyses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
VOA vials do not have headspace or a bubble >5mm (1/4" diameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Appropriate preservatives were used for the tests requested	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
pH of inorganic samples checked and is within method specification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If no, attach Inorganic Sample pH Adjustment Form	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

ANOMALY / NCR SUMMARY

The samples were not relinquished. Sample id tags list start times at collection used end times listed on coc for log-in. Sample 20090326H-EP-0N1 did not have an end time of collection listed on coc used start time for log-in.

Summa Canister Data Sheet

Site: FOUNTA SUMMA SITE

Samplers: MATT ACCARDI JOHN BOYD

Date: 3/26/09

Sample #	20090326H-SS-01N	20090326H-SS-02N	20090326H-SS-03N	20090326H-SS-FD	
Location	609 CENTER AVE. MAMARONECK NY				→
Summa Canister ID	4474	2909	3416	3150	
Flow Controller ID	4207	3059	3060 AND 3238	2011	
Additional Tubing Added	NO/ YES - How much 2'	NO/ YES - How much 2'	NO/ YES - How much 2'	NO/ YES - How much 2'	NO/ YES - How much
Purge Time (Start)	0654	0725	0753	0725	
Purge Time (Stop)	0658	0729	0757	0729	
Total Purge Time (min)	4 MIN	4 MIN	4 MIN	4 MIN	
Purge Volume	1/2 LITER	1/2 LITER	1/2 LITER	1/2 LITER	
PID Test of Purge Air	—	—	—	—	
Initial Tracer Gas Results	0 PPM	0 PPM	0 PPM	0 PPM	
Pressure Gauge - before sampling	-29	-30	-30+	-30	
Sample Time (Start)	0816	0809	0811	0809	
Sample Time (Stop)	1715	1520	1730	1651	
Total Sample Time (min)	539	431	559	522	
Pressure Gauge - after sampling	-2 1/2	-3	-3	-2	
Sample Volume	6 LITERS	→	→	→	
Canister Pressure Went To Ambient Pressure?	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO
Final Tracer Gas Results	—	—	—	—	
Weather 24 hours before and during sampling	SUNNY temp partly Cloudy. Temps in 50°F. Light RAIN AFTER 2 PM.				
General Comments:	20090326H-SS-FD is a duplicate of sample 20090326H-SS-02N. Sample turned off after SS-02N which lost vacuum early. at 1125, a new regulator, 3238, replaced regulator 3060 in 20090326H-SS-03N which was "too slow" for this 8-hour event				

Summa Canister Data Sheet

Site: Former EMCA Site

Samplers: MATT ACCARDI, JOHN BOYD

Date: 3/26/09

Sample #	20090326H- FF-01N	20090326H- FF-02N	20090326H- FF-03N	20090326H- 0A-01N	
Location	609 CENTER ST. MAHARON ZOK 2479 NY				
Summa Canister ID	3309 4357	4357	3328	3367	
Flow Controller ID	2666 3986 3479	3986	2803	4516	
Additional Tubing Added	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	/	/	/	/	
Purge Time (Stop)	/	/	/	/	
Total Purge Time (min)	/	/	/	/	
Purge Volume	/	/	/	/	
PID Test of Purge Air	-	-	-	-	
Initial Tracer Gas Results	-	-	-	-	
Pressure Gauge - before sampling	-20	-27	-30	-29	
Sample Time (Start)	0815	0809	0813	0823	
Sample Time (Stop)	1812	1616 ¹⁶³³	1655	1529	
Total Sample Time (min)	597	504	522	426	
Pressure Gauge - after sampling	-3	-2	-2½	-3	
Sample Volume	6 LITER	6 LITER	6 LITER	6 LITER	
Canister Pressure Went To Ambient Pressure?	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO
Final Tracer Gas Results	-	-	-	-	
Weather 24 hours before and during sampling	See pg 1 of 2				
General Comments:	11:30 Regulator 3479 Added to FF01N at 1119 to replace 3309 which was calibrated too slow for this 8-hour sampling event 2666				

APPENDIX F
COMPLETE LABORATORY DATA ANALYSIS REPORT

TestAmerica
South Burlington, VT
Extended Data Package

NY130926

April 27, 2009

Mr. Peter Fairbanks
URS Corporation
77 Goodell Street
Buffalo, NY 14203

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY130926

Dear Mr. Fairbanks:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on March 28th, 2009. 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: 03/28/09 ETR No: 130926			
790547	20090326H-SS-01N	03/26/09	AIR
790548	20090326H-SS-02N	03/26/09	AIR
790549	20090326H-SS-03N	03/26/09	AIR
790550	20090326H-SS-FD	03/26/09	AIR
790551	20090326H-FF-01N	03/26/09	AIR
790552	20090326H-FF-02N	03/26/09	AIR
790553	20090326H-FF-03N	03/26/09	AIR
790554	20090326H-OA-01N	03/26/09	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.

EPA Method TO-15 – Volatile Organics:

Due to inherent software limitations, the sample identifications for 20090326H-SS-01N, 20090326H-SS-02N, 20090326H-SS-03N, 20090326H-SS-FD, 20090326H-FF-01N, 20090326H-FF-02N, 20090326H-FF-03N and 20090326H-OA-01N were truncated.

The volatile organics analyses for sample 20090326H-SS-01N and 20090326H-SS-03N were accomplished at dilution based on screen analyses, to ensure quantitation of all target constituents within the range of calibrated instrument response.

Manual integration of quantitation peaks was performed where necessary. Documentation of each manual integration was provided in the supportive documentation. Secondary review was performed by the laboratory on all of the manual integrations within this submittal.



THE LEADER IN ENVIRONMENTAL TESTING

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) 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, appearing to read "Don Dawicki". The signature is fluid and cursive.

For:

Don Dawicki
Project Manager

Enclosure

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**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 29.10

Sample Matrix: AIR

Lab Sample No.: 790547

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	15	U	15	74	U	74
1,2-Dichlorotetrafluoroethane	76-14-2	5.8	U	5.8	41	U	41
Chloromethane	74-87-3	15	U	15	31	U	31
Vinyl Chloride	75-01-4	5.8	U	5.8	15	U	15
1,3-Butadiene	106-99-0	15	U	15	33	U	33
Bromomethane	74-83-9	5.8	U	5.8	23	U	23
Chloroethane	75-00-3	15	U	15	40	U	40
Bromoethene	593-60-2	5.8	U	5.8	25	U	25
Trichlorofluoromethane	75-69-4	5.8	U	5.8	33	U	33
Freon TF	76-13-1	610		5.8	4700		44
1,1-Dichloroethene	75-35-4	5.8	U	5.8	23	U	23
Acetone	67-64-1	150	U	150	360	U	360
Isopropyl Alcohol	67-63-0	150	U	150	370	U	370
Carbon Disulfide	75-15-0	15	U	15	47	U	47
3-Chloropropene	107-05-1	15	U	15	47	U	47
Methylene Chloride	75-09-2	15	U	15	52	U	52
tert-Butyl Alcohol	75-65-0	150	U	150	450	U	450
Methyl tert-Butyl Ether	1634-04-4	15	U	15	54	U	54
trans-1,2-Dichloroethene	156-60-5	5.8	U	5.8	23	U	23
n-Hexane	110-54-3	15	U	15	53	U	53
1,1-Dichloroethane	75-34-3	5.8	U	5.8	23	U	23
Methyl Ethyl Ketone	78-93-3	15	U	15	44	U	44
cis-1,2-Dichloroethene	156-59-2	5.8	U	5.8	23	U	23
Tetrahydrofuran	109-99-9	150	U	150	440	U	440
Chloroform	67-66-3	5.8	U	5.8	28	U	28
1,1,1-Trichloroethane	71-55-6	5.8	U	5.8	32	U	32
Cyclohexane	110-82-7	5.8	U	5.8	20	U	20
Carbon Tetrachloride	56-23-5	5.8	U	5.8	36	U	36
2,2,4-Trimethylpentane	540-84-1	5.8	U	5.8	27	U	27
Benzene	71-43-2	5.8	U	5.8	19	U	19
1,2-Dichloroethene (total)	540-59-0	5.8	U	5.8	23	U	23
1,2-Dichloroethane	107-06-2	5.8	U	5.8	23	U	23
n-Heptane	142-82-5	5.8	U	5.8	24	U	24

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 29.10

Sample Matrix: AIR

Lab Sample No.: 790547

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	5.8	U	5.8	31	U	31
1,2-Dichloropropane	78-87-5	5.8	U	5.8	27	U	27
1,4-Dioxane	123-91-1	150	U	150	540	U	540
Bromodichloromethane	75-27-4	5.8	U	5.8	39	U	39
cis-1,3-Dichloropropene	10061-01-5	5.8	U	5.8	26	U	26
Methyl Isobutyl Ketone	108-10-1	15	U	15	61	U	61
Toluene	108-88-3	5.8	U	5.8	22	U	22
trans-1,3-Dichloropropene	10061-02-6	5.8	U	5.8	26	U	26
1,1,2-Trichloroethane	79-00-5	5.8	U	5.8	32	U	32
Tetrachloroethene	127-18-4	7.4		5.8	50		39
Methyl Butyl Ketone	591-78-6	15	U	15	61	U	61
Dibromochloromethane	124-48-1	5.8	U	5.8	49	U	49
1,2-Dibromoethane	106-93-4	5.8	U	5.8	45	U	45
Chlorobenzene	108-90-7	5.8	U	5.8	27	U	27
Ethylbenzene	100-41-4	12		5.8	52		25
Xylene (m,p)	1330-20-7	63		15	270		65
Xylene (o)	95-47-6	67		5.8	290		25
Styrene	100-42-5	5.8	U	5.8	25	U	25
Bromoform	75-25-2	5.8	U	5.8	60	U	60
1,1,2,2-Tetrachloroethane	79-34-5	5.8	U	5.8	40	U	40
Xylene (total)	1330-20-7	130		5.8	560		25
4-Ethyltoluene	622-96-8	110		5.8	540		29
1,3,5-Trimethylbenzene	108-67-8	89		5.8	440		29
2-Chlorotoluene	95-49-8	5.8	U	5.8	30	U	30
1,2,4-Trimethylbenzene	95-63-6	260		5.8	1300		29
1,3-Dichlorobenzene	541-73-1	5.8	U	5.8	35	U	35
1,4-Dichlorobenzene	106-46-7	5.8	U	5.8	35	U	35
1,2-Dichlorobenzene	95-50-1	5.8	U	5.8	35	U	35
1,2,4-Trichlorobenzene	120-82-1	15	U	15	110	U	110
Hexachlorobutadiene	87-68-3	5.8	U	5.8	62	U	62

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-02N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790548

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.80		0.50	4.0		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	0.27		0.20	1.5		1.1
Freon TF	76-13-1	4.8		0.20	37		1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	8.1		5.0	19		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	0.62		0.50	2.2		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
Methyl Ethyl Ketone	78-93-3	0.96		0.50	2.8		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	0.38		0.20	1.9		0.98
1,1,1-Trichloroethane	71-55-6	0.89		0.20	4.9		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-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
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.

20090326H-SS-02N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790548

Date Analyzed: 03/31/09

Date Received: 03/28/09

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	0.35		0.20	1.3		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	0.57		0.20	3.9		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	2.7		0.20	12		0.87
Xylene (m,p)	1330-20-7	6.6		0.50	29		2.2
Xylene (o)	95-47-6	1.9		0.20	8.3		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
Xylene (total)	1330-20-7	8.7		0.20	38		0.87
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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-03N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 30.00

Sample Matrix: AIR

Lab Sample No.: 790549

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	15	U	15	74	U	74
1,2-Dichlorotetrafluoroethane	76-14-2	6.0	U	6.0	42	U	42
Chloromethane	74-87-3	15	U	15	31	U	31
Vinyl Chloride	75-01-4	6.0	U	6.0	15	U	15
1,3-Butadiene	106-99-0	15	U	15	33	U	33
Bromomethane	74-83-9	6.0	U	6.0	23	U	23
Chloroethane	75-00-3	15	U	15	40	U	40
Bromoethene	593-60-2	6.0	U	6.0	26	U	26
Trichlorofluoromethane	75-69-4	6.0	U	6.0	34	U	34
Freon TF	76-13-1	870		6.0	6700		46
1,1-Dichloroethene	75-35-4	6.0	U	6.0	24	U	24
Acetone	67-64-1	150	U	150	360	U	360
Isopropyl Alcohol	67-63-0	150	U	150	370	U	370
Carbon Disulfide	75-15-0	15	U	15	47	U	47
3-Chloropropene	107-05-1	15	U	15	47	U	47
Methylene Chloride	75-09-2	15	U	15	52	U	52
tert-Butyl Alcohol	75-65-0	150	U	150	450	U	450
Methyl tert-Butyl Ether	1634-04-4	15	U	15	54	U	54
trans-1,2-Dichloroethene	156-60-5	6.0	U	6.0	24	U	24
n-Hexane	110-54-3	15	U	15	53	U	53
1,1-Dichloroethane	75-34-3	6.0	U	6.0	24	U	24
Methyl Ethyl Ketone	78-93-3	15	U	15	44	U	44
cis-1,2-Dichloroethene	156-59-2	6.0	U	6.0	24	U	24
Tetrahydrofuran	109-99-9	150	U	150	440	U	440
Chloroform	67-66-3	6.0	U	6.0	29	U	29
1,1,1-Trichloroethane	71-55-6	6.0	U	6.0	33	U	33
Cyclohexane	110-82-7	6.0	U	6.0	21	U	21
Carbon Tetrachloride	56-23-5	6.0	U	6.0	38	U	38
2,2,4-Trimethylpentane	540-84-1	6.0	U	6.0	28	U	28
Benzene	71-43-2	6.0	U	6.0	19	U	19
1,2-Dichloroethene (total)	540-59-0	6.0	U	6.0	24	U	24
1,2-Dichloroethane	107-06-2	6.0	U	6.0	24	U	24
n-Heptane	142-82-5	6.0	U	6.0	25	U	25

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-03N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 30.00

Sample Matrix: AIR

Lab Sample No.: 790549

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Trichloroethene	79-01-6	6.0	U	6.0	32	U	32
1,2-Dichloropropane	78-87-5	6.0	U	6.0	28	U	28
1,4-Dioxane	123-91-1	150	U	150	540	U	540
Bromodichloromethane	75-27-4	6.0	U	6.0	40	U	40
cis-1,3-Dichloropropene	10061-01-5	6.0	U	6.0	27	U	27
Methyl Isobutyl Ketone	108-10-1	15	U	15	61	U	61
Toluene	108-88-3	6.0	U	6.0	23	U	23
trans-1,3-Dichloropropene	10061-02-6	6.0	U	6.0	27	U	27
1,1,2-Trichloroethane	79-00-5	6.0	U	6.0	33	U	33
Tetrachloroethene	127-18-4	6.0	U	6.0	41	U	41
Methyl Butyl Ketone	591-78-6	15	U	15	61	U	61
Dibromochloromethane	124-48-1	6.0	U	6.0	51	U	51
1,2-Dibromoethane	106-93-4	6.0	U	6.0	46	U	46
Chlorobenzene	108-90-7	6.0	U	6.0	28	U	28
Ethylbenzene	100-41-4	6.0	U	6.0	26	U	26
Xylene (m,p)	1330-20-7	15	U	15	65	U	65
Xylene (o)	95-47-6	6.0	U	6.0	26	U	26
Styrene	100-42-5	6.0	U	6.0	26	U	26
Bromoform	75-25-2	6.0	U	6.0	62	U	62
1,1,2,2-Tetrachloroethane	79-34-5	6.0	U	6.0	41	U	41
Xylene (total)	1330-20-7	6.0	U	6.0	26	U	26
4-Ethyltoluene	622-96-8	6.0	U	6.0	29	U	29
1,3,5-Trimethylbenzene	108-67-8	6.0	U	6.0	29	U	29
2-Chlorotoluene	95-49-8	6.0	U	6.0	31	U	31
1,2,4-Trimethylbenzene	95-63-6	6.0	U	6.0	29	U	29
1,3-Dichlorobenzene	541-73-1	6.0	U	6.0	36	U	36
1,4-Dichlorobenzene	106-46-7	6.0	U	6.0	36	U	36
1,2-Dichlorobenzene	95-50-1	6.0	U	6.0	36	U	36
1,2,4-Trichlorobenzene	120-82-1	15	U	15	110	U	110
Hexachlorobutadiene	87-68-3	6.0	U	6.0	64	U	64

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-SS-FD

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790550

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.82		0.50	4.1		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	0.26		0.20	1.5		1.1
Freon TF	76-13-1	4.8		0.20	37		1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	7.6		5.0	18		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	0.62		0.50	2.2		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
Methyl Ethyl Ketone	78-93-3	0.84		0.50	2.5		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	0.43		0.20	2.1		0.98
1,1,1-Trichloroethane	71-55-6	0.89		0.20	4.9		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		0.20	0.64		0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
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.

20090326H-SS-FD

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790550

Date Analyzed: 03/31/09

Date Received: 03/28/09

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	0.89		0.20	3.4		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	0.55		0.20	3.7		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	2.5		0.20	11		0.87
Xylene (m,p)	1330-20-7	6.2		0.50	27		2.2
Xylene (o)	95-47-6	1.8		0.20	7.8		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
Xylene (total)	1330-20-7	8.2		0.20	36		0.87
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	0.21		0.20	1.0		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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790551

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.79		0.50	3.9		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.75		0.50	1.5		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	0.34		0.20	1.9		1.1
Freon TF	76-13-1	5.0		0.20	38		1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	7.8		5.0	19		12
Isopropyl Alcohol	67-63-0	7.2		5.0	18		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		0.50	1.7		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	3.7		0.50	13		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.77		0.50	2.3		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		0.20	0.98		0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	1.1		0.20	3.8		0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	3.1		0.20	14		0.93
Benzene	71-43-2	1.6		0.20	5.1		0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	1.6		0.20	6.6		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790551

Date Analyzed: 03/31/09

Date Received: 03/28/09

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	8.1		0.20	31		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	1.4		0.20	6.1		0.87
Xylene (m,p)	1330-20-7	4.4		0.50	19		2.2
Xylene (o)	95-47-6	1.6		0.20	6.9		0.87
Styrene	100-42-5	2.0		0.20	8.5		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
Xylene (total)	1330-20-7	6.1		0.20	26		0.87
4-Ethyltoluene	622-96-8	1.1		0.20	5.4		0.98
1,3,5-Trimethylbenzene	108-67-8	0.39		0.20	1.9		0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	1.4		0.20	6.9		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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-02N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790552

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.96		0.50	4.7		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.73		0.50	1.5		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	0.35		0.20	2.0		1.1
Freon TF	76-13-1	2.2		0.20	17		1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	8.4		5.0	20		12
Isopropyl Alcohol	67-63-0	9.1		5.0	22		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	6.7		0.50	24		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.92		0.50	2.7		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	2.3		0.20	7.9		0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	2.3		0.20	11		0.93
Benzene	71-43-2	2.9		0.20	9.3		0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	3.7		0.20	15		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-02N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790552

Date Analyzed: 03/31/09

Date Received: 03/28/09

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	15		0.20	57		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	2.3		0.20	10		0.87
Xylene (m,p)	1330-20-7	7.6		0.50	33		2.2
Xylene (o)	95-47-6	2.9		0.20	13		0.87
Styrene	100-42-5	0.26		0.20	1.1		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
Xylene (total)	1330-20-7	11		0.20	48		0.87
4-Ethyltoluene	622-96-8	2.3		0.20	11		0.98
1,3,5-Trimethylbenzene	108-67-8	0.76		0.20	3.7		0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	2.6		0.20	13		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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-03N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790553

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL In ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.87		0.50	4.3		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.66		0.50	1.4		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	0.38		0.20	2.1		1.1
Freon TF	76-13-1	1.3		0.20	10		1.5
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
Acetone	67-64-1	6.6		5.0	16		12
Isopropyl Alcohol	67-63-0	6.2		5.0	15		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	4.5		0.50	16		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
Methyl Ethyl Ketone	78-93-3	0.83		0.50	2.4		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	0.31		0.20	1.5		0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	1.2		0.20	4.1		0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	1.4		0.20	6.5		0.93
Benzene	71-43-2	1.8		0.20	5.8		0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	1.7		0.20	7.0		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-FF-03N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790553

Date Analyzed: 03/31/09

Date Received: 03/28/09

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	7.7		0.20	29		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	1.0		0.20	4.3		0.87
Xylene (m,p)	1330-20-7	3.3		0.50	14		2.2
Xylene (o)	95-47-6	1.2		0.20	5.2		0.87
Styrene	100-42-5	0.24		0.20	1.0		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
Xylene (total)	1330-20-7	4.5		0.20	20		0.87
4-Ethyltoluene	622-96-8	0.93		0.20	4.6		0.98
1,3,5-Trimethylbenzene	108-67-8	0.32		0.20	1.6		0.98
2-Chlorotoluene	95-49-8	0.20	U	0.20	1.0	U	1.0
1,2,4-Trimethylbenzene	95-63-6	1.1		0.20	5.4		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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

20090326H-OA-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790554

Date Analyzed: 03/31/09

Date Received: 03/28/09

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.56		0.50	2.8		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Chloromethane	74-87-3	0.72		0.50	1.5		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	0.26		0.20	1.5		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
Methyl Ethyl Ketone	78-93-3	0.89		0.50	2.6		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	0.38		0.20	1.2		0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
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.

20090326H-OA-01N

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790554

Date Analyzed: 03/31/09

Date Received: 03/28/09

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	2.6		0.20	9.8		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	0.41		0.20	1.8		0.87
Xylene (m,p)	1330-20-7	1.4		0.50	6.1		2.2
Xylene (o)	95-47-6	0.40		0.20	1.7		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
Xylene (total)	1330-20-7	1.9		0.20	8.3		0.87
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

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA033009LCS

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA033009

Date Analyzed: 03/30/09

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	9.4		0.50	46		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.6		0.20	67		1.4
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	9.9		0.20	38		0.78
Chloroethane	75-00-3	10		0.50	26		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	9.7		0.20	54		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	11		5.0	26		12
Isopropyl Alcohol	67-63-0	11		5.0	27		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	11		0.50	34		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
tert-Butyl Alcohol	75-65-0	11		5.0	33		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
n-Hexane	110-54-3	11		0.50	39		1.8
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
Methyl Ethyl Ketone	78-93-3	10		0.50	29		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Tetrahydrofuran	109-99-9	10		5.0	29		15
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	9.4		0.20	51		1.1
Cyclohexane	110-82-7	11		0.20	38		0.69
Carbon Tetrachloride	56-23-5	9.2		0.20	58		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethene (total)	540-59-0	22		0.20	87		0.79
1,2-Dichloroethane	107-06-2	9.8		0.20	40		0.81
n-Heptane	142-82-5	10		0.20	41		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA033009LCS

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA033009

Date Analyzed: 03/30/09

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	9.8		0.20	45		0.92
1,4-Dioxane	123-91-1	10		5.0	36		18
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	9.7		0.20	44		0.91
Methyl Isobutyl Ketone	108-10-1	10		0.50	41		2.0
Toluene	108-88-3	11		0.20	41		0.75
trans-1,3-Dichloropropene	10061-02-6	9.7		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	9.9		0.20	67		1.4
Methyl Butyl Ketone	591-78-6	11		0.50	45		2.0
Dibromochloromethane	124-48-1	11		0.20	94		1.7
1,2-Dibromoethane	106-93-4	10		0.20	77		1.5
Chlorobenzene	108-90-7	10		0.20	46		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	21		0.50	91		2.2
Xylene (o)	95-47-6	11		0.20	48		0.87
Styrene	100-42-5	11		0.20	47		0.85
Bromoform	75-25-2	11		0.20	110		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4
Xylene (total)	1330-20-7	33		0.20	140		0.87
4-Ethyltoluene	622-96-8	12		0.20	59		0.98
1,3,5-Trimethylbenzene	108-67-8	12		0.20	59		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	11		0.20	54		0.98
1,3-Dichlorobenzene	541-73-1	10		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	10		0.20	60		1.2
1,2-Dichlorobenzene	95-50-1	10		0.20	60		1.2
1,2,4-Trichlorobenzene	120-82-1	12		0.50	89		3.7
Hexachlorobutadiene	87-68-3	8.8		0.20	94		2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA033009LCSD

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA033009

Date Analyzed: 03/30/09

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	9.3		0.50	46		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	9.6		0.20	67		1.4
Chloromethane	74-87-3	10		0.50	21		1.0
Vinyl Chloride	75-01-4	10		0.20	26		0.51
1,3-Butadiene	106-99-0	11		0.50	24		1.1
Bromomethane	74-83-9	9.8		0.20	38		0.78
Chloroethane	75-00-3	10		0.50	26		1.3
Bromoethene	593-60-2	10		0.20	44		0.87
Trichlorofluoromethane	75-69-4	9.7		0.20	54		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	12		5.0	29		12
Isopropyl Alcohol	67-63-0	11		5.0	27		12
Carbon Disulfide	75-15-0	11		0.50	34		1.6
3-Chloropropene	107-05-1	11		0.50	34		1.6
Methylene Chloride	75-09-2	10		0.50	35		1.7
tert-Butyl Alcohol	75-65-0	11		5.0	33		15
Methyl tert-Butyl Ether	1634-04-4	11		0.50	40		1.8
trans-1,2-Dichloroethene	156-60-5	11		0.20	44		0.79
n-Hexane	110-54-3	11		0.50	39		1.8
1,1-Dichloroethane	75-34-3	11		0.20	45		0.81
Methyl Ethyl Ketone	78-93-3	11		0.50	32		1.5
cis-1,2-Dichloroethene	156-59-2	11		0.20	44		0.79
Tetrahydrofuran	109-99-9	10		5.0	29		15
Chloroform	67-66-3	10		0.20	49		0.98
1,1,1-Trichloroethane	71-55-6	9.4		0.20	51		1.1
Cyclohexane	110-82-7	11		0.20	38		0.69
Carbon Tetrachloride	56-23-5	9.2		0.20	58		1.3
2,2,4-Trimethylpentane	540-84-1	10		0.20	47		0.93
Benzene	71-43-2	10		0.20	32		0.64
1,2-Dichloroethene (total)	540-59-0	21		0.20	83		0.79
1,2-Dichloroethane	107-06-2	9.9		0.20	40		0.81
n-Heptane	142-82-5	10		0.20	41		0.82

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

CA033009LCSD

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: CA033009

Date Analyzed: 03/30/09

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	9.9		0.20	53		1.1
1,2-Dichloropropane	78-87-5	9.8		0.20	45		0.92
1,4-Dioxane	123-91-1	10		5.0	36		18
Bromodichloromethane	75-27-4	10		0.20	67		1.3
cis-1,3-Dichloropropene	10061-01-5	9.8		0.20	44		0.91
Methyl Isobutyl Ketone	108-10-1	10		0.50	41		2.0
Toluene	108-88-3	10		0.20	38		0.75
trans-1,3-Dichloropropene	10061-02-6	9.7		0.20	44		0.91
1,1,2-Trichloroethane	79-00-5	10		0.20	55		1.1
Tetrachloroethene	127-18-4	9.6		0.20	65		1.4
Methyl Butyl Ketone	591-78-6	10		0.50	41		2.0
Dibromochloromethane	124-48-1	10		0.20	85		1.7
1,2-Dibromoethane	106-93-4	9.8		0.20	75		1.5
Chlorobenzene	108-90-7	9.7		0.20	45		0.92
Ethylbenzene	100-41-4	11		0.20	48		0.87
Xylene (m,p)	1330-20-7	21		0.50	91		2.2
Xylene (o)	95-47-6	10		0.20	43		0.87
Styrene	100-42-5	11		0.20	47		0.85
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	11		0.20	76		1.4
Xylene (total)	1330-20-7	32		0.20	140		0.87
4-Ethyltoluene	622-96-8	12		0.20	59		0.98
1,3,5-Trimethylbenzene	108-67-8	12		0.20	59		0.98
2-Chlorotoluene	95-49-8	11		0.20	57		1.0
1,2,4-Trimethylbenzene	95-63-6	11		0.20	54		0.98
1,3-Dichlorobenzene	541-73-1	9.9		0.20	60		1.2
1,4-Dichlorobenzene	106-46-7	9.7		0.20	58		1.2
1,2-Dichlorobenzene	95-50-1	9.8		0.20	59		1.2
1,2,4-Trichlorobenzene	120-82-1	8.5		0.50	63		3.7
Hexachlorobutadiene	87-68-3	8.5		0.20	91		2.1

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

MBLK033009CA

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0330

Date Analyzed: 03/30/09

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
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-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
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.

MBLK033009CA

Lab Name: TAL Burlington

SDG Number: NY130926

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0330

Date Analyzed: 03/30/09

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
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
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
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

TestAmerica 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: The relative percent difference for detected concentrations between two GC columns is greater than 40%. 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

FQA009:02.18.08:4
TestAmerica Burlington



Chain of Custody

TestAmerica Burlington
30 Community Drive
Suite 11

South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: BRUCE PRZYBYL		Samples Collected By: JOHN BOYD		1 of 2 COCs										
Company: URS		Phone: 716 850 5636		Email: MAT ACCARDI												
Address: 77 Goodell Street		City/State/Zip: Buffalo, NY 14203		Site Contact:												
Phone: 716 850 5636		FAX:		STL Contact:												
Project Name: EMCA SITE		Analysis Turnaround Time		Standard (Specify) <input checked="" type="checkbox"/>												
Site: MANARONZSK, NY		Rush (Specify)														
PO #																
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Sample Type		Other (Please specify in notes section)	
													Indoor Air	Ambient Air		
20090326H-SS-01N	3/26/09	0816	1715	-29	-2.2	4207	4474	✓								
20090326H-SS-02N	3/26/09	0809	1520	-30	-3	3059	2909	✓							✓	Soil Gas (SLG SLH)
20090326H-SS-03N	3/26/09	0811	1730	-30	-3	3060*	3416	✓							✓	
20090326H-SS-FD	3/26/09	-	1651	-30	-2	2811	3150	✓							✓	
20090326H-FF-01N	3/26/09	0815		-30		2666*	3309	✓							✓	
20090326H-FF-02N	3/26/09	0809	1633	-27	-2	3986	4357	✓							✓	
Temperature (Fahrenheit)																
Interior				Ambient												
Start																
Stop																
Pressure (inches of Hg)																
Interior				Ambient												
Start																
Stop																

Special Instructions/QC Requirements & Comments:
* NOTE: Sample 20090326H-SS-03N used two flow controllers: 3060 and 3238
Sample 20090326H-FF-01N used two flow controllers: 2666 and 3479

Samples Shipped by: JOHN BOYD	Date/Time: 3/27/09 1230	Samples Received by: JOHN BOYD	Date/Time: 3/28/09-0940
Samples Relinquished by:	Date/Time:	Received by:	
Relinquished by:	Date/Time:	Received by:	
Lab Use Only	Shipper Name:	Opened by:	Condition:

TestAmerica Burlington
 30 Community Drive
 Suite 11
 South Burlington, VT 05403
 phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: <u>Bruce Przybyl</u>		Samples Collected By: <u>John Boyd</u>		2 of 2 COCs																		
Company: <u>URS</u>	Address: <u>77 Goodell St.</u>	Phone: <u>916 8576 5236</u>	City/State/Zip: <u>Burlington, NY 14203</u>	Phone: <u>916 8576 5236</u>	FAX: <u></u>	Site Contact: <u></u>	STL Contact: <u></u>																	
Project Name: <u>EMCA SITE</u>	Site: <u>Mutmaroneck NY</u>	PO #	Analysis Turnaround Time	Standard (Specify) <input checked="" type="checkbox"/>	Rush (Specify)	Sample Dates	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	
<u>20090326H-FF-03N</u>	<u>3/26/09</u>	<u>0823</u>	<u>1653</u>	<u>-20</u>	<u>-22</u>	<u>2803</u>	<u>3328</u>	<u>✓</u>																
<u>20090326H-0A-01N</u>	<u>3/26/09</u>	<u>0823</u>	<u>1529</u>	<u>-29</u>	<u>-3</u>	<u>4516</u>	<u>3367</u>	<u>✓</u>																

Special Instructions/QC Requirements & Comments:	

Samples Shipped by: <u>John Boyd</u>	Date/Time: <u>3/27/09 1230</u>	Samples Received by: <u>John Boyd</u>	Date/Time: <u>3/26/09 1940</u>
Samples Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Lab Use Only	Shipper Name:	Opened by:	Condition:
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QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix Spike - Sample No.: CA033009LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		9.4	94	70-130
1,2-Dichlorotetrafluoro	10		9.6	96	70-130
Chloromethane	10		10	100	70-130
Vinyl Chloride	10		10	100	70-130
1,3-Butadiene	10		11	110	70-130
Bromomethane	10		9.9	99	70-130
Chloroethane	10		10	100	70-130
Bromoethene	10		10	100	70-130
Trichlorofluoromethane	10		9.7	97	70-130
Freon TF	10		12	120	70-130
1,1-Dichloroethene	10		12	120	70-130
Acetone	10		11	110	70-130
Isopropyl Alcohol	10		11	110	70-130
Carbon Disulfide	10		11	110	70-130
3-Chloropropene	10		11	110	70-130
Methylene Chloride	10		10	100	70-130
tert-Butyl Alcohol	10		11	110	70-130
Methyl tert-Butyl Ether	10		11	110	70-130
trans-1,2-Dichloroethen	10		11	110	70-130
n-Hexane	10		11	110	70-130
1,1-Dichloroethane	10		11	110	70-130
Methyl Ethyl Ketone	10		10	100	70-130
cis-1,2-Dichloroethene	10		11	110	70-130
Tetrahydrofuran	10		10	100	70-130
Chloroform	10		10	100	70-130
1,1,1-Trichloroethane	10		9.4	94	70-130
Cyclohexane	10		11	110	70-130
Carbon Tetrachloride	10		9.2	92	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: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix Spike - Sample No.: CA033009LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
2,2,4-Trimethylpentane	10		10	100	70-130
Benzene	10		10	100	70-130
1,2-Dichloroethene (tot	20		22	110	70-130
1,2-Dichloroethane	10		9.8	98	70-130
n-Heptane	10		10	100	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		9.8	98	70-130
1,4-Dioxane	10		10	100	70-130
Bromodichloromethane	10		10	100	70-130
cis-1,3-Dichloropropene	10		9.7	97	70-130
Methyl Isobutyl Ketone	10		10	100	70-130
Toluene	10		11	110	70-130
trans-1,3-Dichloroprope	10		9.7	97	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		9.9	99	70-130
Methyl Butyl Ketone	10		11	110	70-130
Dibromochloromethane	10		11	110	70-130
1,2-Dibromoethane	10		10	100	70-130
Chlorobenzene	10		10	100	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		21	105	70-130
Xylene (o)	10		11	110	70-130
Styrene	10		11	110	70-130
Bromoform	10		11	110	70-130
1,1,2,2-Tetrachloroetha	10		11	110	70-130
Xylene (total)	30		33	110	70-130
4-Ethyltoluene	10		12	120	70-130
1,3,5-Trimethylbenzene	10		12	120	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: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix Spike - Sample No.: CA033009LCS

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		11	110	70-130
1,3-Dichlorobenzene	10		10	100	70-130
1,4-Dichlorobenzene	10		10	100	70-130
1,2-Dichlorobenzene	10		10	100	70-130
1,2,4-Trichlorobenzene	10		12	120	70-130
Hexachlorobutadiene	10		8.8	88	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: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix Spike - Sample No.: CA033009LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	10	9.3	93	1	25	70-130
1,2-Dichlorotetrafluoro	10	9.6	96	0	25	70-130
Chloromethane	10	10	100	0	25	70-130
Vinyl Chloride	10	10	100	0	25	70-130
1,3-Butadiene	10	11	110	0	25	70-130
Bromomethane	10	9.8	98	1	25	70-130
Chloroethane	10	10	100	0	25	70-130
Bromoethene	10	10	100	0	25	70-130
Trichlorofluoromethane	10	9.7	97	0	25	70-130
Freon TF	10	12	120	0	25	70-130
1,1-Dichloroethene	10	12	120	0	25	70-130
Acetone	10	12	120	9	25	70-130
Isopropyl Alcohol	10	11	110	0	25	70-130
Carbon Disulfide	10	11	110	0	25	70-130
3-Chloropropene	10	11	110	0	25	70-130
Methylene Chloride	10	10	100	0	25	70-130
tert-Butyl Alcohol	10	11	110	0	25	70-130
Methyl tert-Butyl Ether	10	11	110	0	25	70-130
trans-1,2-Dichloroethen	10	11	110	0	25	70-130
n-Hexane	10	11	110	0	25	70-130
1,1-Dichloroethane	10	11	110	0	25	70-130
Methyl Ethyl Ketone	10	11	110	10	25	70-130
cis-1,2-Dichloroethene	10	11	110	0	25	70-130
Tetrahydrofuran	10	10	100	0	25	70-130
Chloroform	10	10	100	0	25	70-130
1,1,1-Trichloroethane	10	9.4	94	0	25	70-130
Cyclohexane	10	11	110	0	25	70-130
Carbon Tetrachloride	10	9.2	92	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: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix Spike - Sample No.: CA033009LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
2,2,4-Trimethylpentane	10	10	100	0	25	70-130
Benzene	10	10	100	0	25	70-130
1,2-Dichloroethene (tot)	20	21	105	5	25	70-130
1,2-Dichloroethane	10	9.9	99	1	25	70-130
n-Heptane	10	10	100	0	25	70-130
Trichloroethene	10	9.9	99	1	25	70-130
1,2-Dichloropropane	10	9.8	98	0	25	70-130
1,4-Dioxane	10	10	100	0	25	70-130
Bromodichloromethane	10	10	100	0	25	70-130
cis-1,3-Dichloropropene	10	9.8	98	1	25	70-130
Methyl Isobutyl Ketone	10	10	100	0	25	70-130
Toluene	10	10	100	10	25	70-130
trans-1,3-Dichloropropene	10	9.7	97	0	25	70-130
1,1,2-Trichloroethane	10	10	100	0	25	70-130
Tetrachloroethene	10	9.6	96	3	25	70-130
Methyl Butyl Ketone	10	10	100	10	25	70-130
Dibromochloromethane	10	10	100	10	25	70-130
1,2-Dibromoethane	10	9.8	98	2	25	70-130
Chlorobenzene	10	9.7	97	3	25	70-130
Ethylbenzene	10	11	110	0	25	70-130
Xylene (m,p)	20	21	105	0	25	70-130
Xylene (o)	10	10	100	10	25	70-130
Styrene	10	11	110	0	25	70-130
Bromoform	10	10	100	10	25	70-130
1,1,2,2-Tetrachloroethane	10	11	110	0	25	70-130
Xylene (total)	30	32	107	3	25	70-130
4-Ethyltoluene	10	12	120	0	25	70-130
1,3,5-Trimethylbenzene	10	12	120	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: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix Spike - Sample No.: CA033009LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD	%	QC LIMITS	
			REC #	RPD #	RPD	REC.
2-Chlorotoluene	10	11	110	0	25	70-130
1,2,4-Trimethylbenzene	10	11	110	0	25	70-130
1,3-Dichlorobenzene	10	9.9	99	1	25	70-130
1,4-Dichlorobenzene	10	9.7	97	3	25	70-130
1,2-Dichlorobenzene	10	9.8	98	2	25	70-130
1,2,4-Trichlorobenzene	10	8.5	85	34*	25	70-130
Hexachlorobutadiene	10	8.5	85	3	25	70-130

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

* Values outside of QC limits

RPD: 1 out of 63 outside limits

Spike Recovery: 0 out of 126 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK033009CA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Lab File ID: CHTB01M Lab Sample ID: MBLK033009CA
 Date Analyzed: 03/30/09 Time Analyzed: 2212
 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	CA033009LCS	CA033009LCS	CHT10MQ	2022
02	CA033009LCSD	CA033009LCSD	CHT10MQD	2109
03	0326H-SS-02N	790548	790548	0921
04	0326H-SS-03N	790549	790549D	1008
05	0326H-SS-FD	790550	790550	1054
06	0326H-FF-01N	790551	790551	1141
07	0326H-FF-02N	790552	790552	1227
08	0326H-SS-01N	790547	790547D2	1313
09	0326H-FF-03N	790553	790553	1400
10	0326H-OA-01N	790554	790554	1447
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30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Lab File ID: CHT01PV BFB Injection Date: 03/17/09
 Instrument ID: C BFB Injection Time: 1616
 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	24.9
75	30.0 - 66.0% of mass 95	60.1
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	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	90.7
175	4.0 - 9.0% of mass 174	6.7 (7.3)1
176	93.0 - 101.0% of mass 174	89.2 (98.3)1
177	5.0 - 9.0% of mass 176	6.0 (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	ASTD0.2	ASTD0.2	CHT002V	03/17/09	1746
02	ASTD0.5	ASTD0.5	CHT005V	03/17/09	1832
03	ASTD005	ASTD005	CHT05V	03/17/09	1919
04	ASTD010	ASTD010	CHT10V	03/17/09	2006
05	ASTD015	ASTD015	CHT15V	03/17/09	2052
06	ASTD020	ASTD020	CHT20V	03/17/09	2139
07	ASTD040	ASTD040	CHT40V	03/17/09	2225
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: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Lab File ID: CHT14PV BFB Injection Date: 03/30/09
 Instrument ID: C BFB Injection Time: 1851
 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	54.1
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	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	90.5
175	4.0 - 9.0% of mass 174	6.5 (7.2)1
176	93.0 - 101.0% of mass 174	87.5 (96.7)1
177	5.0 - 9.0% of mass 176	5.9 (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	ASTD010	ASTD010	CHT10MV	03/30/09	1922
02	CA033009LCS	CA033009LCS	CHT10MQ	03/30/09	2022
03	CA033009LCSD	CA033009LCSD	CHT10MQD	03/30/09	2109
04	MBLK033009CA	MBLK033009CA	CHTB01M	03/30/09	2212
05	0326H-SS-02N	790548	790548	03/31/09	0921
06	0326H-SS-03N	790549	790549D	03/31/09	1008
07	0326H-SS-FD	790550	790550	03/31/09	1054
08	0326H-FF-01N	790551	790551	03/31/09	1141
09	0326H-FF-02N	790552	790552	03/31/09	1227
10	0326H-SS-01N	790547	790547D2	03/31/09	1313
11	0326H-FF-03N	790553	790553	03/31/09	1400
12	0326H-OA-01N	790554	790554	03/31/09	1447
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Lab File ID (Standard): CHT10MV Date Analyzed: 03/30/09
 Instrument ID: C Time Analyzed: 1922
 GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 (BCM)	RT #	IS2 (DFB)	RT #	IS3 (CBZ)	RT #
	AREA #		AREA #		AREA #	
12 HOUR STD	242417	8.74	1510032	9.60	1399401	12.00
UPPER LIMIT	339384	9.07	2114045	9.93	1959161	12.33
LOWER LIMIT	145450	8.41	906019	9.27	839641	11.67
CLIENT SAMPLE NO.						
01 CA033009LCS	252018	8.75	1571959	9.61	1378236	12.00
02 CA033009LCSD	251614	8.75	1570714	9.61	1422105	12.00
03 MBLK033009CA	219699	8.75	1383664	9.61	1219077	12.00
04 0326H-SS-02N	236361	8.74	1495937	9.60	1345377	12.00
05 0326H-SS-03N	224308	8.74	1394108	9.60	1257116	12.00
06 0326H-SS-FD	237663	8.75	1490859	9.60	1326230	12.00
07 0326H-FF-01N	238090	8.75	1488256	9.60	1353377	12.00
08 0326H-FF-02N	243846	8.74	1531465	9.60	1340931	12.00
09 0326H-SS-01N	237750	8.74	1488145	9.60	1329161	12.00
10 0326H-FF-03N	243455	8.74	1515472	9.60	1348690	12.00
11 0326H-OA-01N	221820	8.74	1337837	9.60	1250705	11.99
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
 AREA LOWER LIMIT = - 40% of internal standard area
 RT UPPER LIMIT = + 0.33 minutes of internal standard RT
 RT LOWER LIMIT = - 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



Supportive Documentation – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-FF-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790551

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790551

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.79	
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U
74-87-3	Chloromethane	0.75	
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	0.34	
76-13-1	Freon TF	5.0	
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	7.8	
67-63-0	Isopropyl Alcohol	7.2	
75-15-0	Carbon Disulfide	0.50	U
107-05-1	3-Chloropropene	0.50	U
75-09-2	Methylene Chloride	0.50	
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	3.7	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.77	
156-59-2	cis-1,2-Dichloroethene	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
67-66-3	Chloroform	0.20	
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	1.1	
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	3.1	
71-43-2	Benzene	1.6	
540-59-0	1,2-Dichloroethene (total)	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	1.6	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHA SAMPLE NO.

0326H-FF-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790551

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790551

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	8.1	
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	1.4	
1330-20-7-----	Xylene (m,p)	4.4	
95-47-6-----	Xylene (o)	1.6	
100-42-5-----	Styrene	2.0	
75-25-2-----	Bromoform	0.20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.20	U
1330-20-7-----	Xylene (total)	6.1	
622-96-8-----	4-Ethyltoluene	1.1	
108-67-8-----	1,3,5-Trimethylbenzene	0.39	
95-49-8-----	2-Chlorotoluene	0.20	U
95-63-6-----	1,2,4-Trimethylbenzene	1.4	
541-73-1-----	1,3-Dichlorobenzene	0.20	U
106-46-7-----	1,4-Dichlorobenzene	0.20	U
95-50-1-----	1,2-Dichlorobenzene	0.20	U
120-82-1-----	1,2,4-Trichlorobenzene	0.50	U
87-68-3-----	Hexachlorobutadiene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-FF-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790551

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790551

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

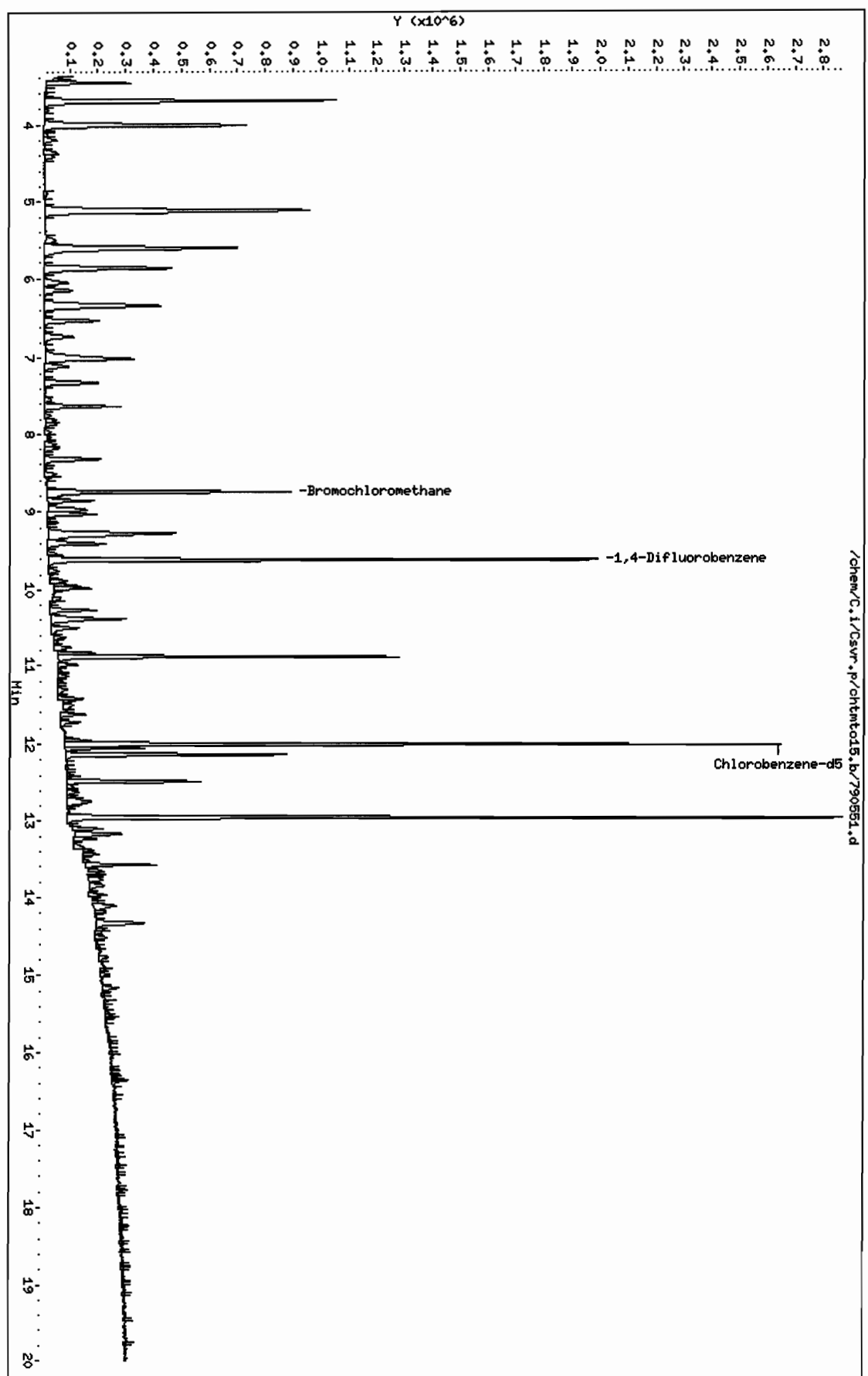
Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
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21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

FORM I VOA-TIC

Data File: /chem/C.1/Csvr.p/chemtbl5.b/790551.d
Date : 31-MAR-2009 11:41
Client ID: 0326H-FF-01N
Sample Info: 20090326H-FF-01N : (103/26/09 80815(AIR))
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790551.d
 Lab Smp Id: 790551 Client Smp ID: 0326H-FF-01N
 Inj Date : 31-MAR-2009 11:41
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-FF-01N :[]03/26/09 @0815(AIR)
 Misc Info : 790551;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.428	3.433	(0.392)	76049	0.79159	0.79 (M)
3 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
4 Chloromethane	50	3.807	3.812	(0.435)	21309	0.75331	0.75
6 Vinyl Chloride	62	Compound Not Detected.					
7 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.488	5.504	(0.627)	31257	0.34169	0.34
17 Freon TF	101	6.326	6.347	(0.723)	246857	4.95765	5.0
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.518	6.534	(0.745)	300706	7.83927	7.8
20 Isopropyl Alcohol	45	6.721	6.689	(0.768)	179110	7.19789	7.2
21 Carbon Disulfide	76	Compound Not Detected.					
22 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
24 Methylene Chloride	49	7.099	7.116	(0.811)	15621	0.49603	0.50 (Q)
25 tert-Butyl Alcohol	59	Compound Not Detected.					
26 Methyl tert-Butyl Ether	73	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
28 n-Hexane	57	7.628	7.644	(0.872)	141119	3.67331	3.7
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	8.514	8.525	(0.973)	8520	0.77105	0.77 (Q)
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	8.749	8.765	(1.000)	238090	10.0000	
33 Tetrahydrofuran	42	Compound Not Detected.					
34 Chloroform	83	8.781	8.797	(1.004)	12140	0.19863	0.20
35 1,1,1-Trichloroethane	97	Compound Not Detected.					
36 Cyclohexane	84	8.989	8.999	(0.936)	45096	1.14189	1.1 (Q)
37 Carbon Tetrachloride	117	Compound Not Detected.					
38 2,2,4-Trimethylpentane	57	9.266	9.277	(0.965)	417736	3.12403	3.1
39 Benzene	78	9.298	9.314	(0.968)	132388	1.55584	1.6
M 40 1,2-Dichloroethene (total)	61	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
42 n-Heptane	43	9.405	9.416	(0.979)	81833	1.59925	1.6
* 43 1,4-Difluorobenzene	114	9.602	9.619	(1.000)	1488256	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
48 1,4-Dioxane	88	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	10.878	10.894	(0.907)	499517	8.08274	8.1
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	Compound Not Detected.					
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
60 1,2-Dibromoethane	107	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1353377	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.047	12.063	(1.004)	172844	1.36283	1.4
64 Xylene (m,p)	106	12.132	12.148	(1.011)	213376	4.35051	4.4
65 Xylene (o)	106	12.474	12.485	(1.040)	79318	1.64972	1.6
66 Styrene	104	12.484	12.495	(1.040)	131878	1.95517	2.0
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
M 70 Xylene (total)	106				292694	6.08767	6.1
74 4-Ethyltoluene	105	13.162	13.205	(1.097)	149815	1.12053	1.1
75 1,3,5-Trimethylbenzene	105	13.232	13.248	(1.103)	44331	0.39289	0.39
76 2-Chlorotoluene	91	Compound Not Detected.					
79 1,2,4-Trimethylbenzene	105	13.568	13.584	(1.131)	145970	1.37101	1.4
82 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
83 1,4-Dichlorobenzene	146				Compound Not Detected.		
88 1,2-Dichlorobenzene	146				Compound Not Detected.		
90 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
91 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

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

Data File: /chem/C.i/Csvr.p/chtmt015.b/790551.d
Report Date: 21-Apr-2009 21:20

Page 4

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790551.d
Lab Smp Id: 790551 Client Smp ID: 0326H-FF-01N
Inj Date : 31-MAR-2009 11:41
Operator : pad Inst ID: C.i
Smp Info : 20090326H-FF-01N :[]03/26/09 @0815(AIR)
Misc Info : 790551;033009CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

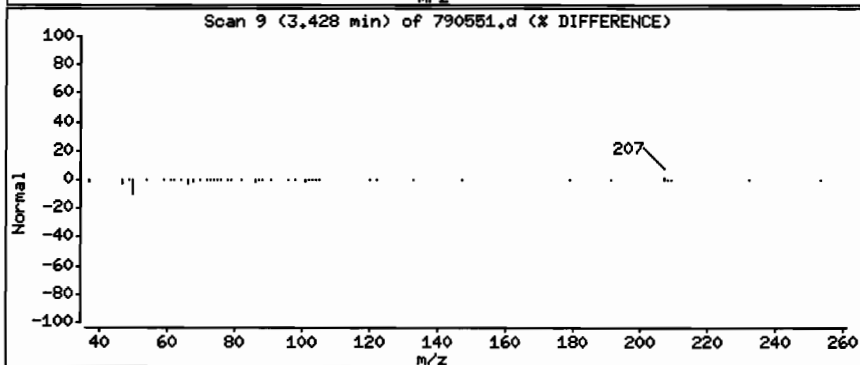
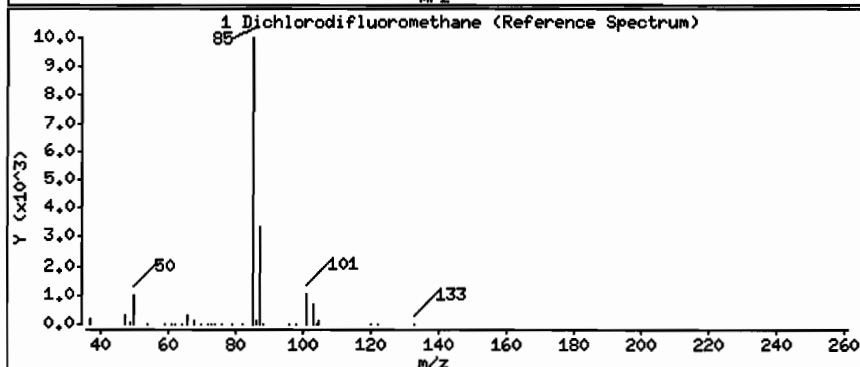
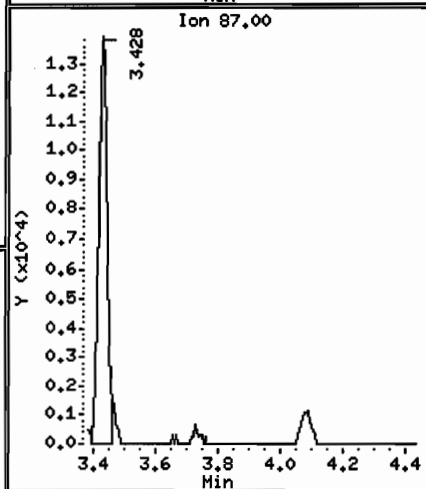
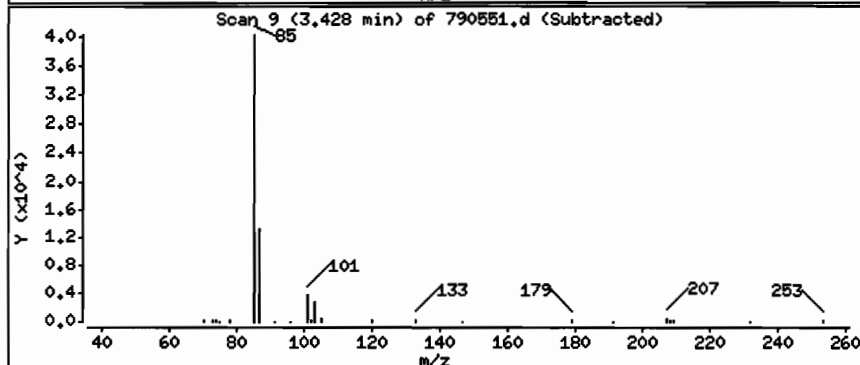
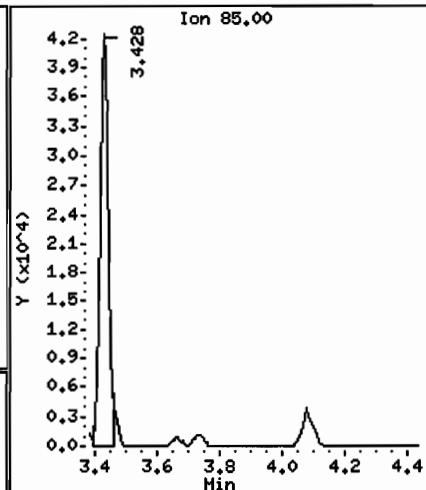
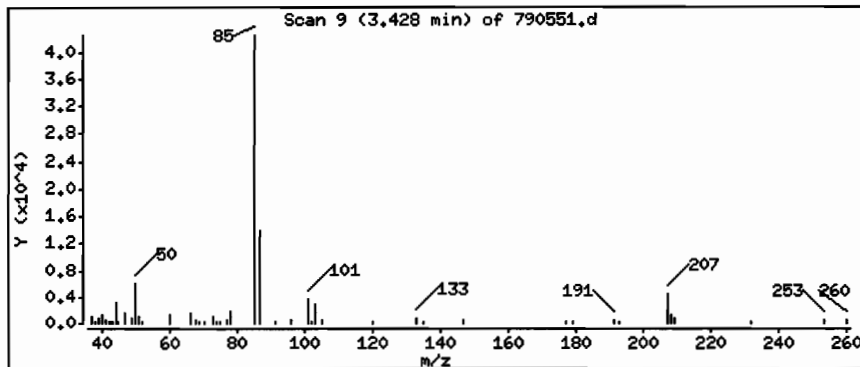
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.79 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N :[103/26/09 00815(AIR)

Purge Volume: 200.0

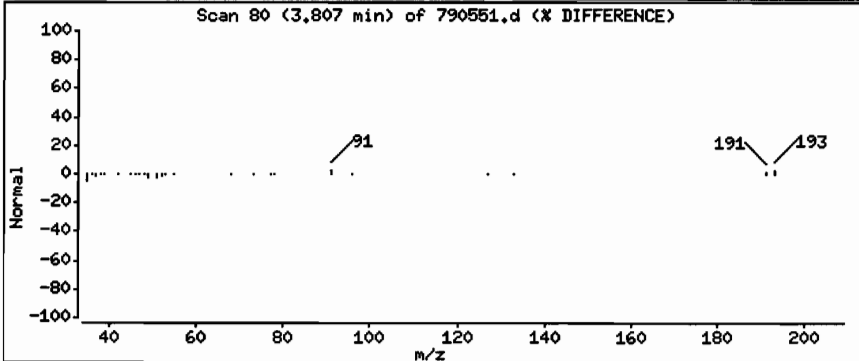
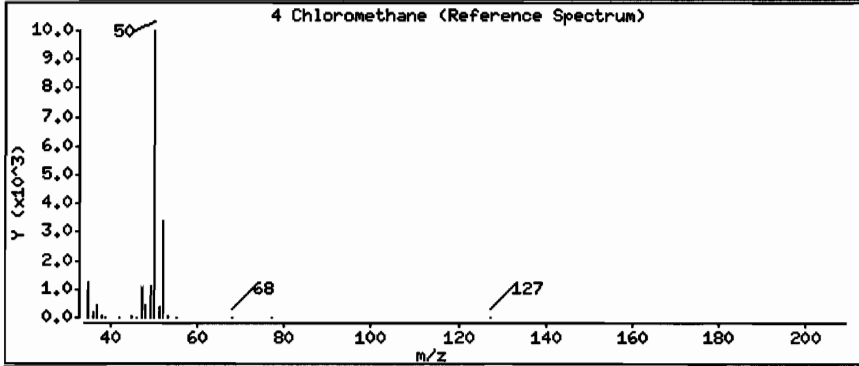
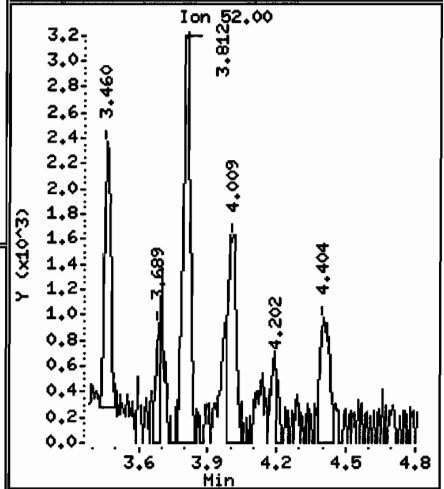
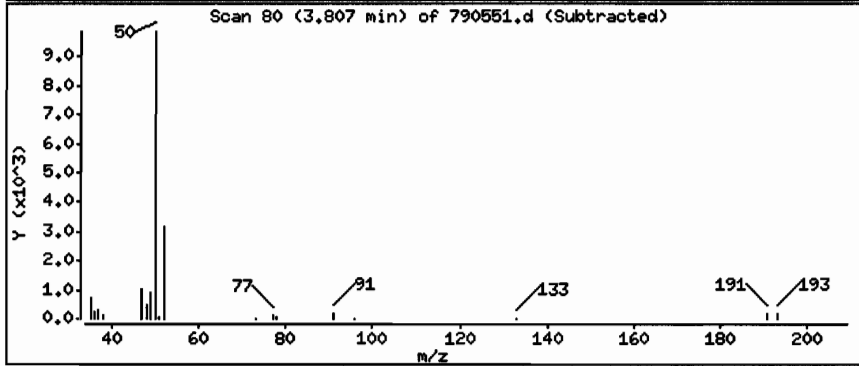
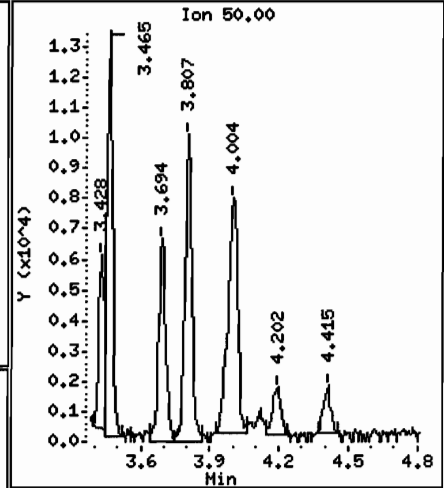
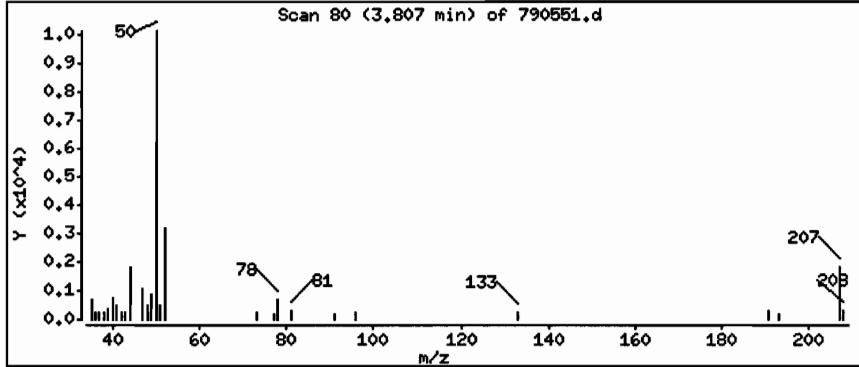
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

4 Chloromethane

Concentration: 0.75 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N :[103/26/09 @0815(AIR)

Purge Volume: 200.0

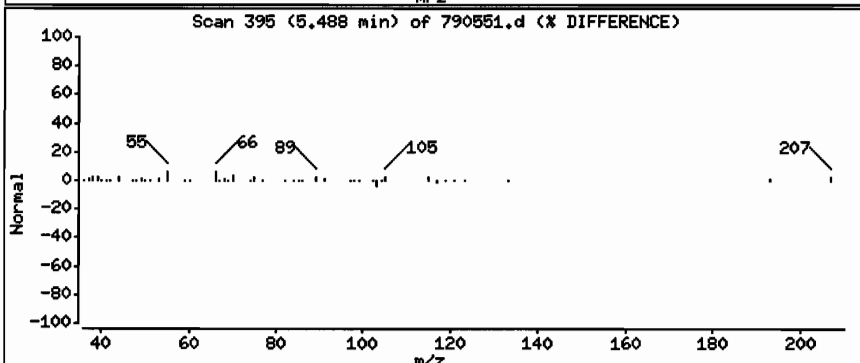
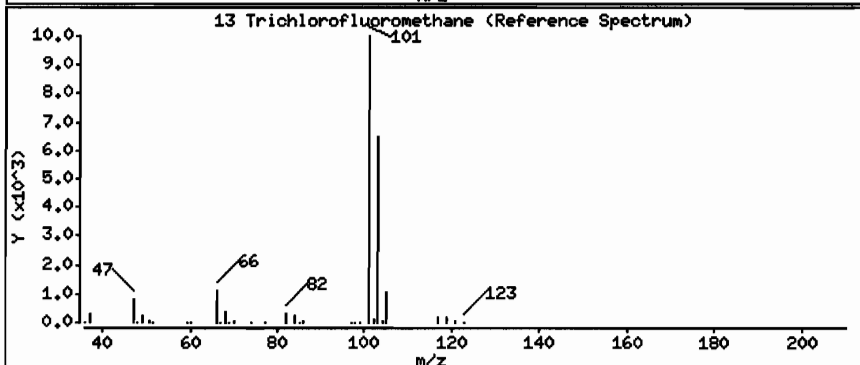
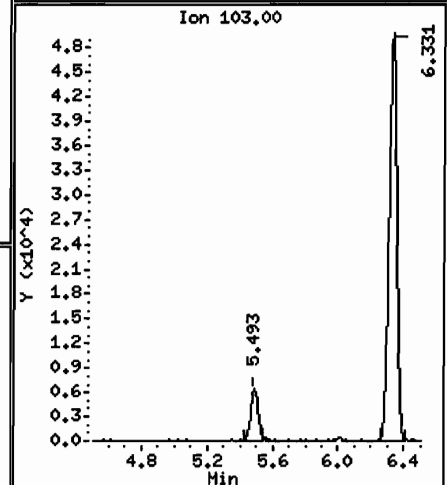
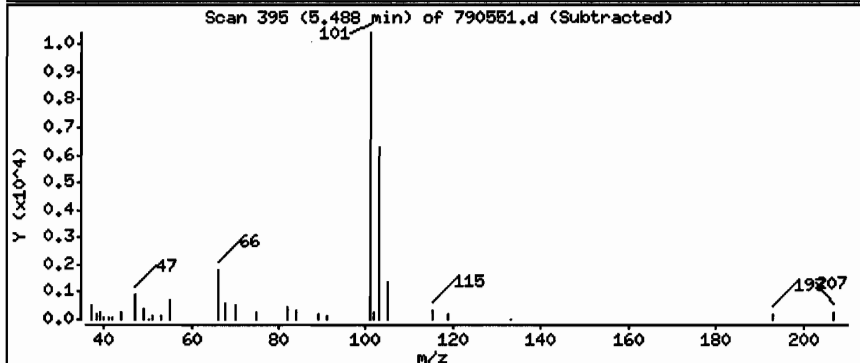
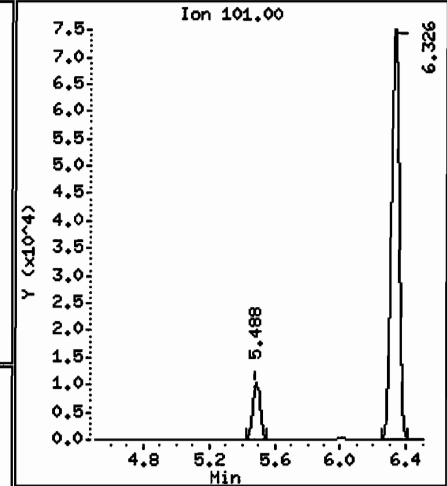
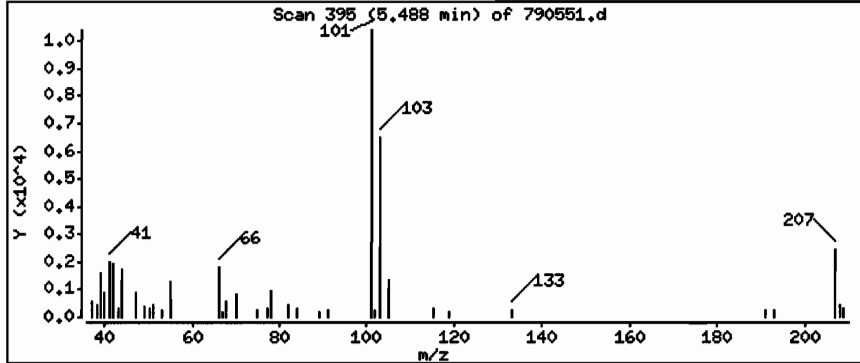
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

13 Trichlorofluoromethane

Concentration: 0.34 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 @0815(AIR)

Purge Volume: 200.0

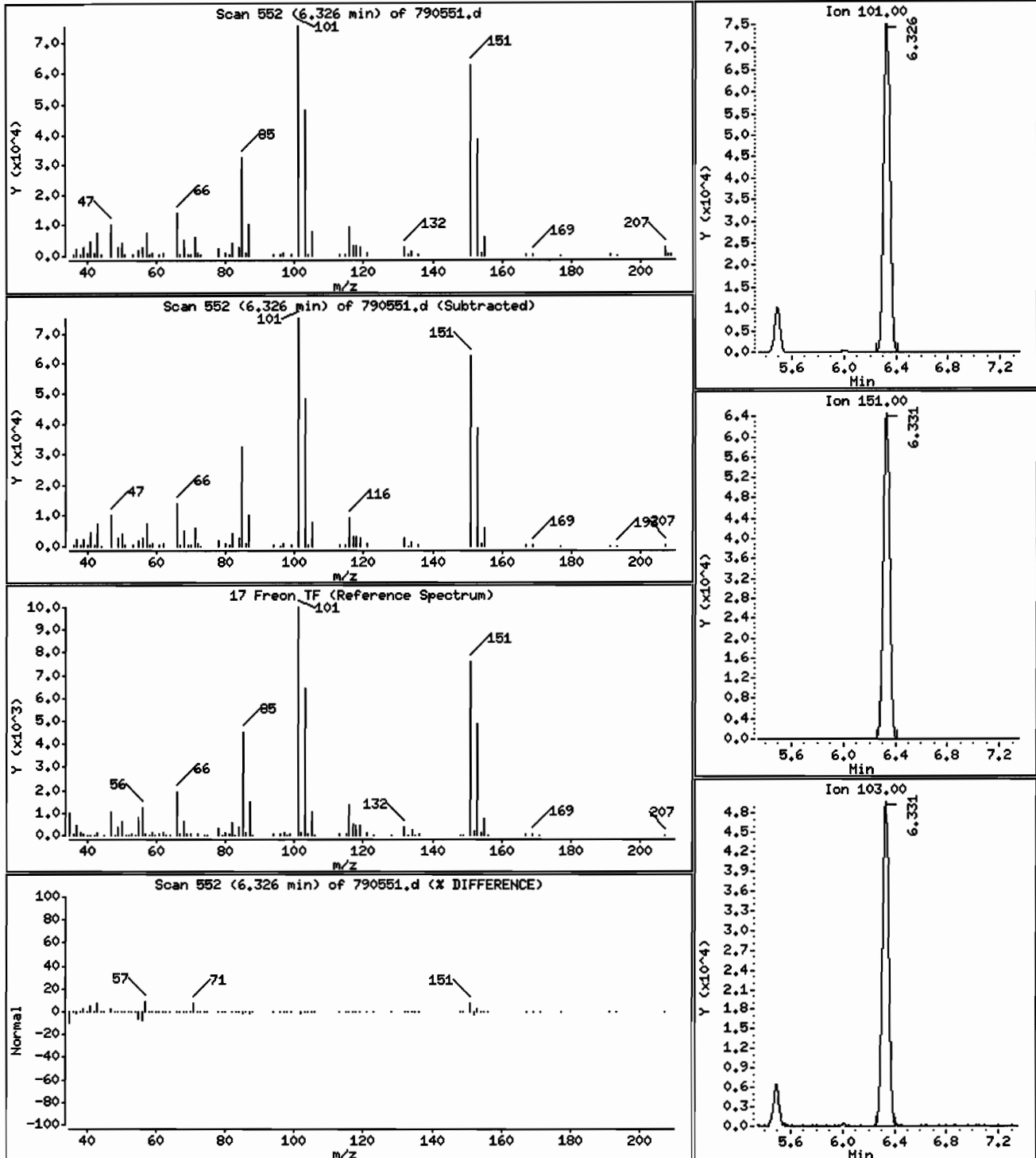
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

17 Freon TF

Concentration: 5.0 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

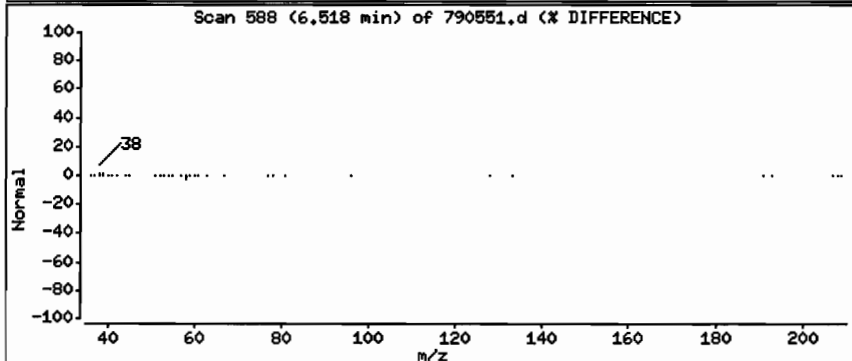
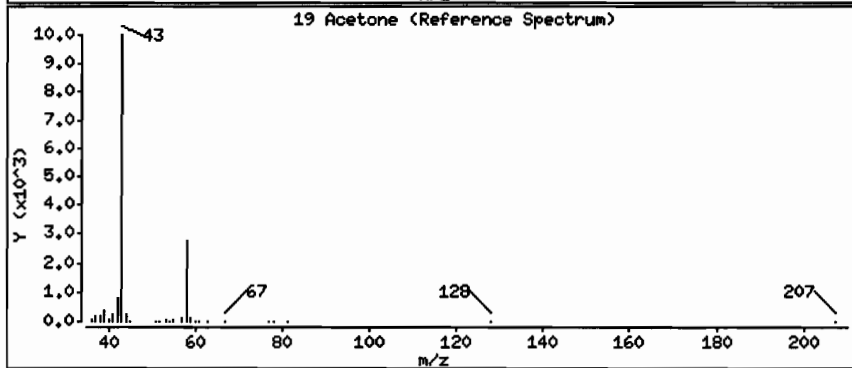
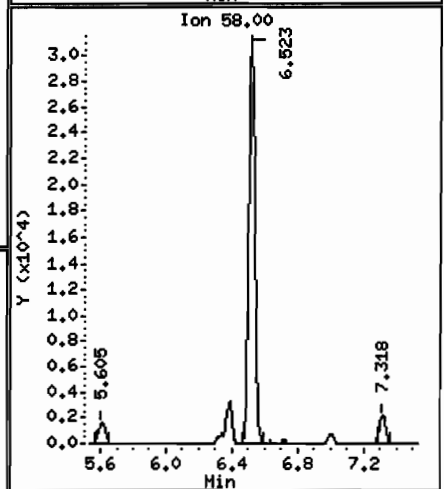
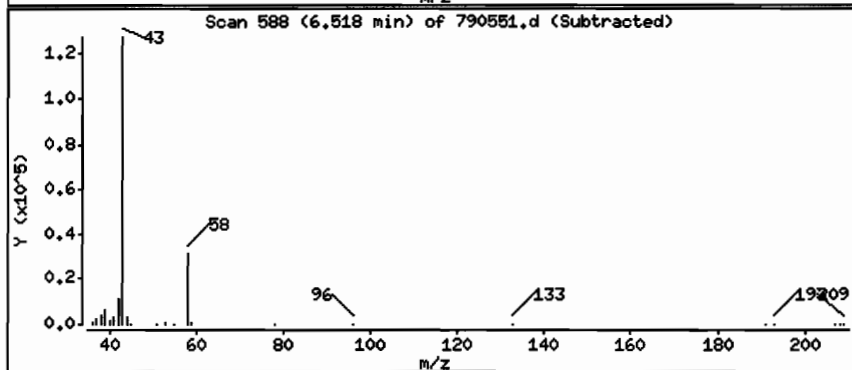
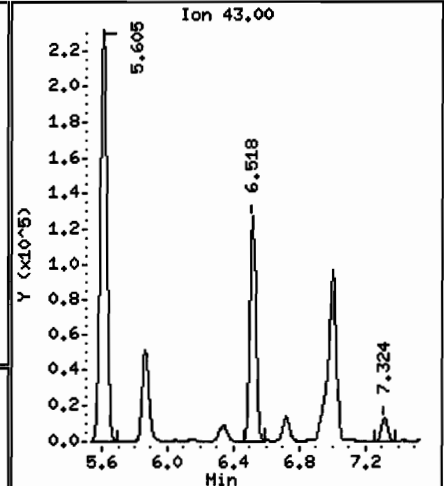
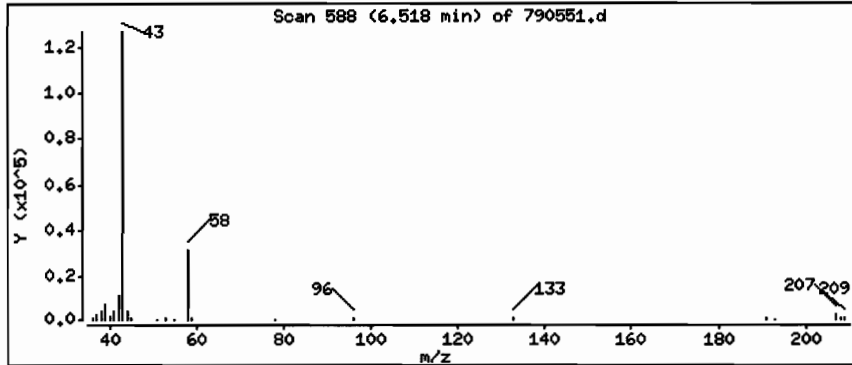
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

19 Acetone

Concentration: 7.8 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N :[103/26/09 @0815(AIR)

Purge Volume: 200.0

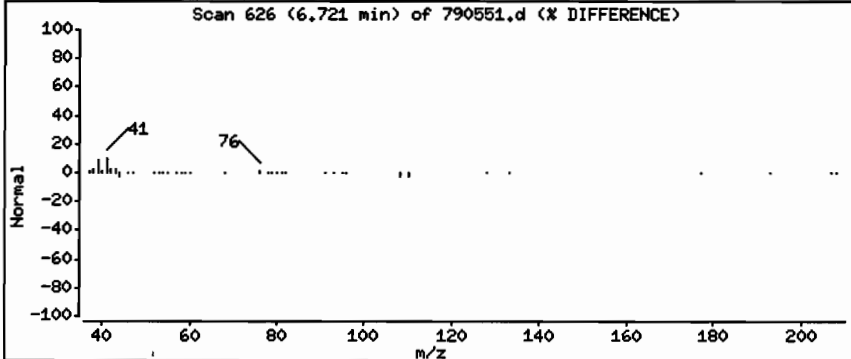
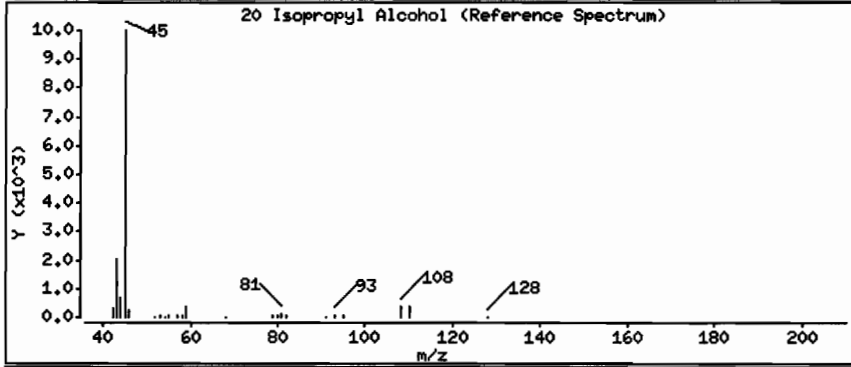
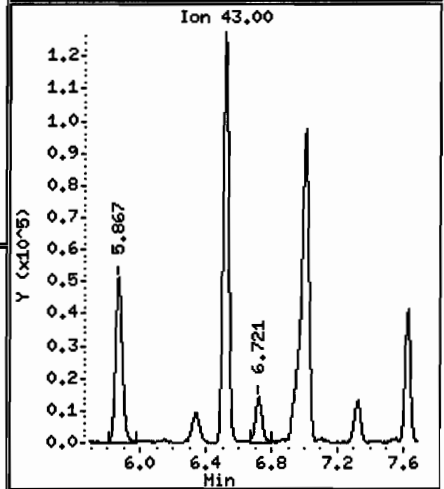
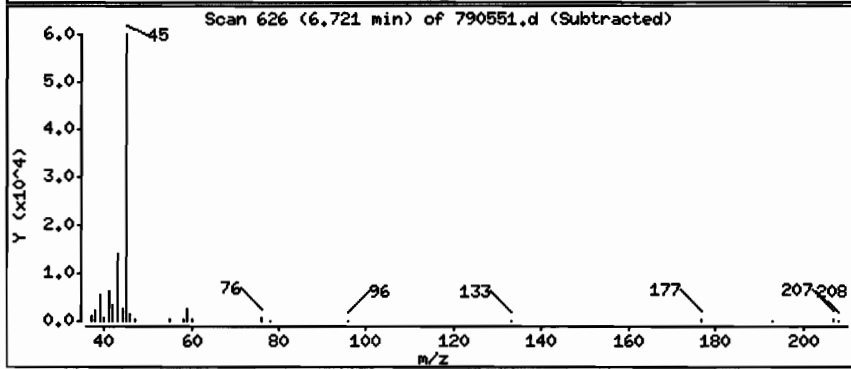
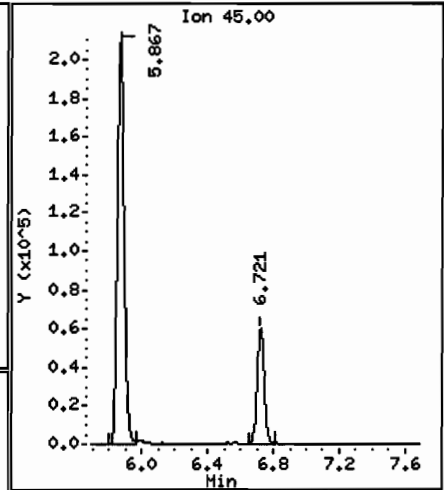
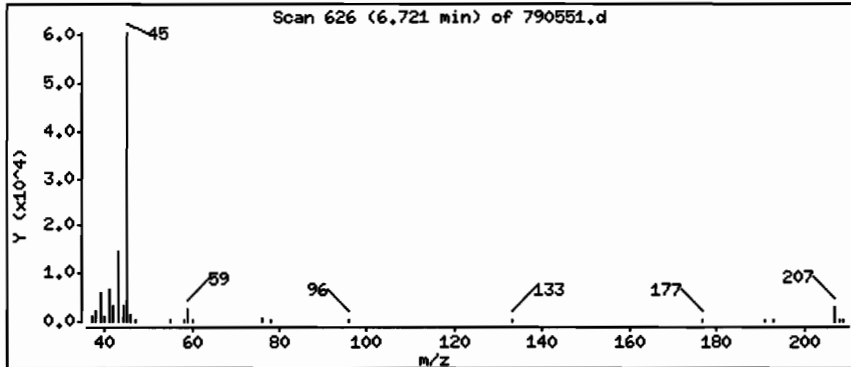
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

20 Isopropyl Alcohol

Concentration: 7.2 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

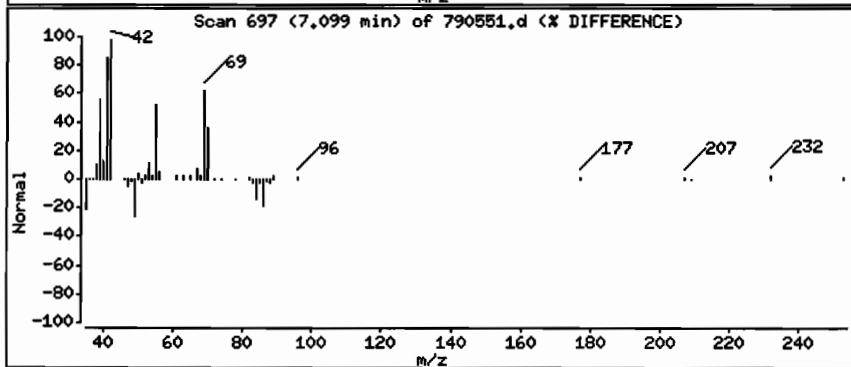
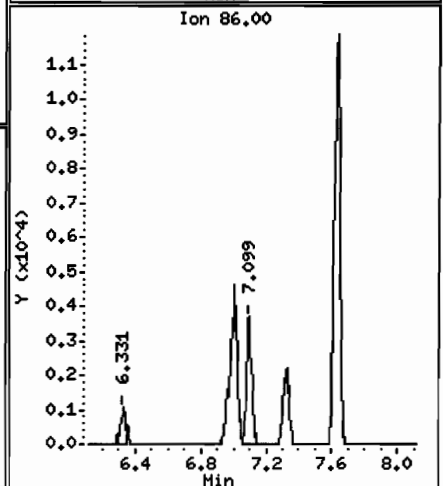
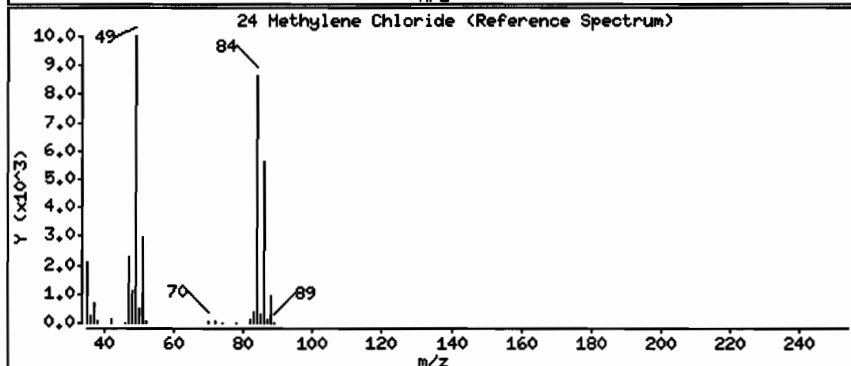
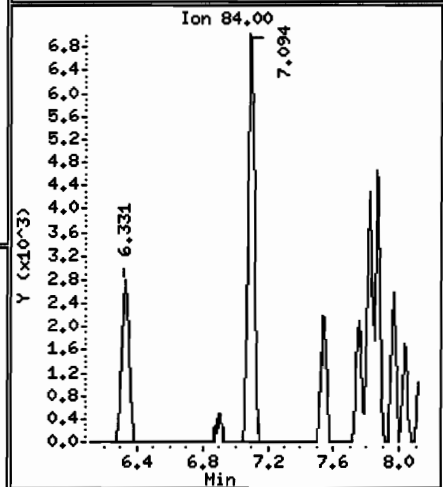
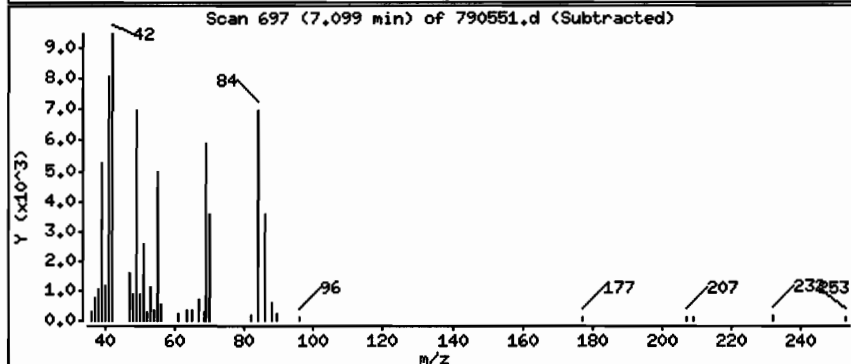
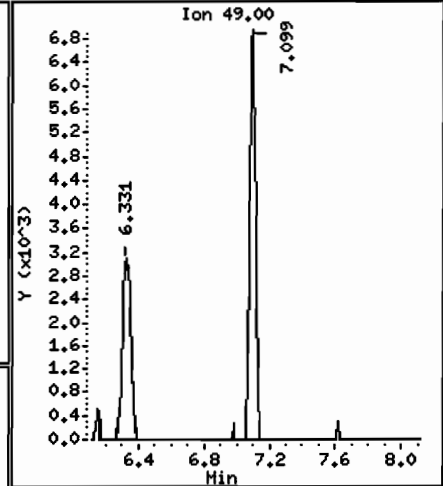
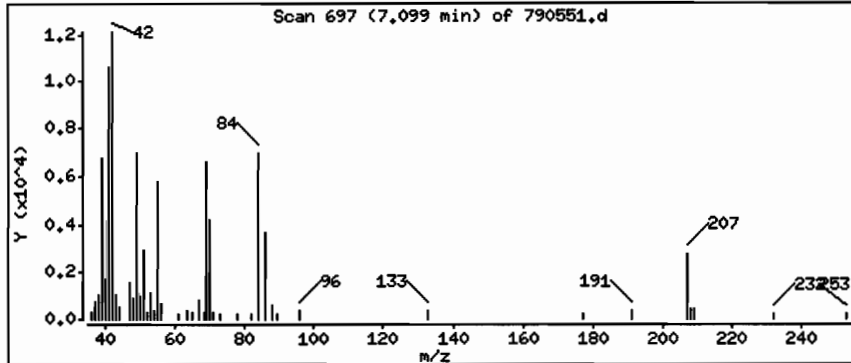
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

24 Methylene Chloride

Concentration: 0.50 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 @0815(AIR)

Purge Volume: 200.0

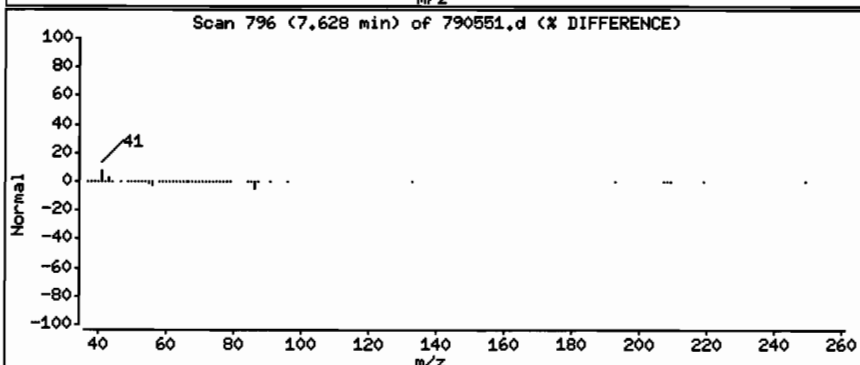
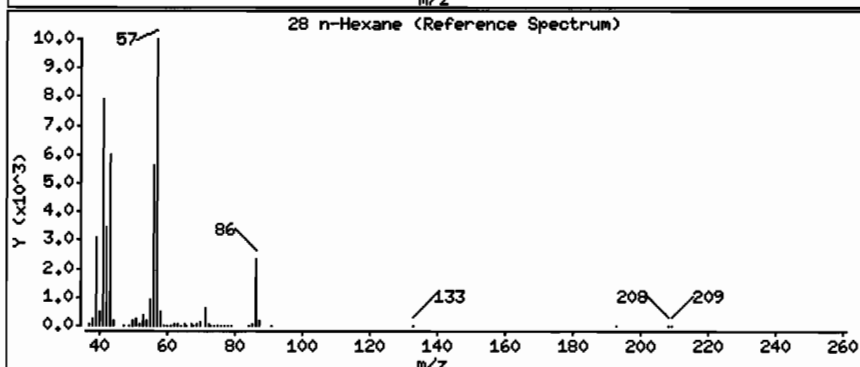
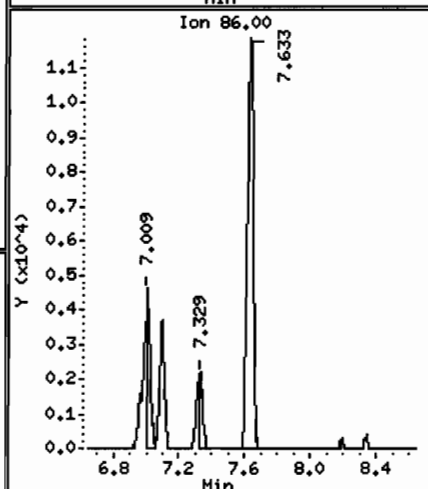
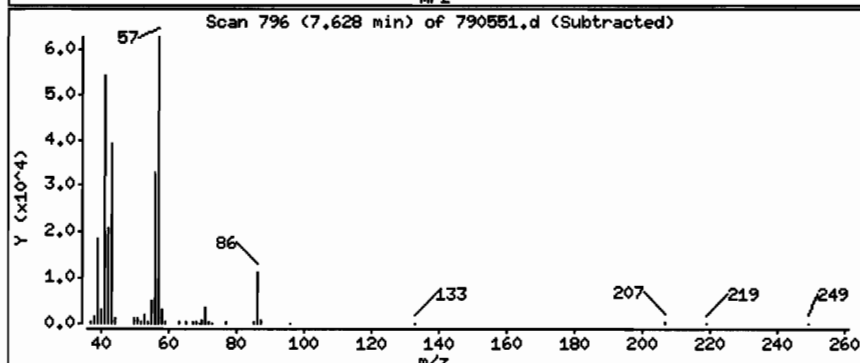
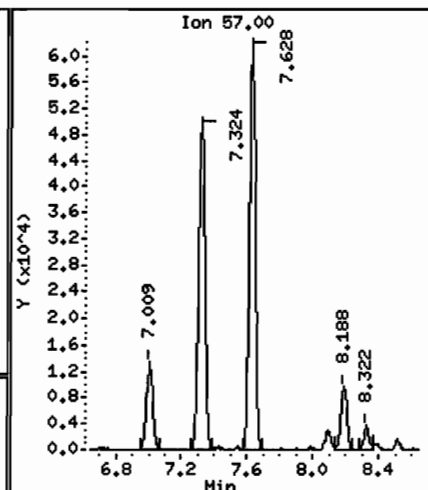
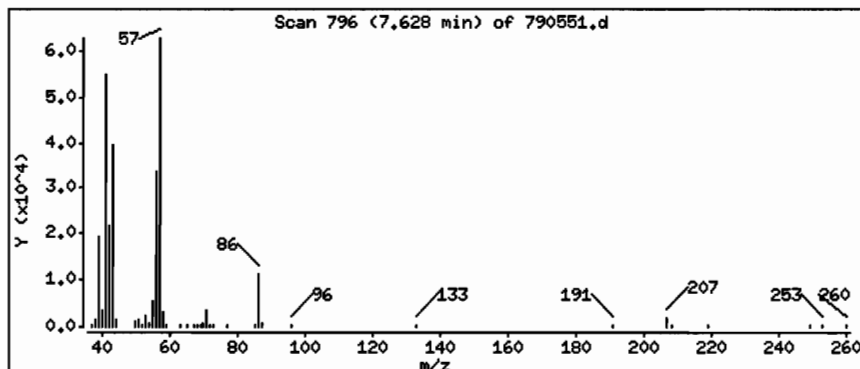
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

28 n-Hexane

Concentration: 3.7 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

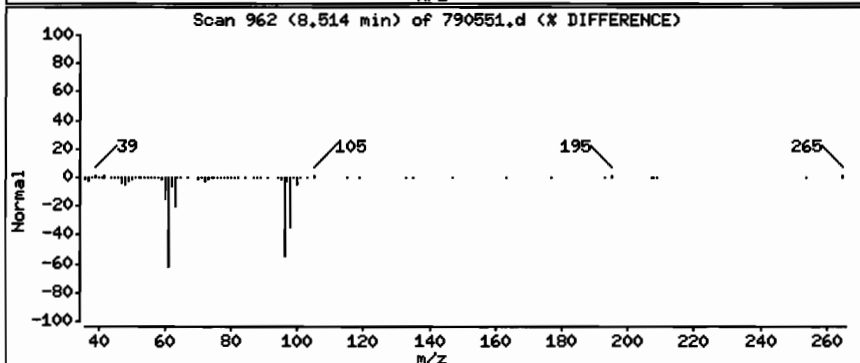
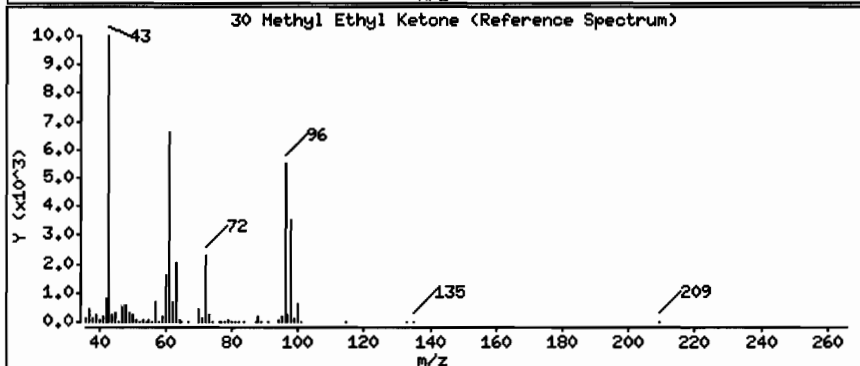
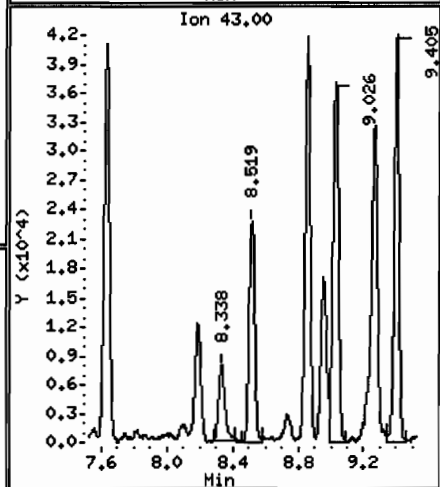
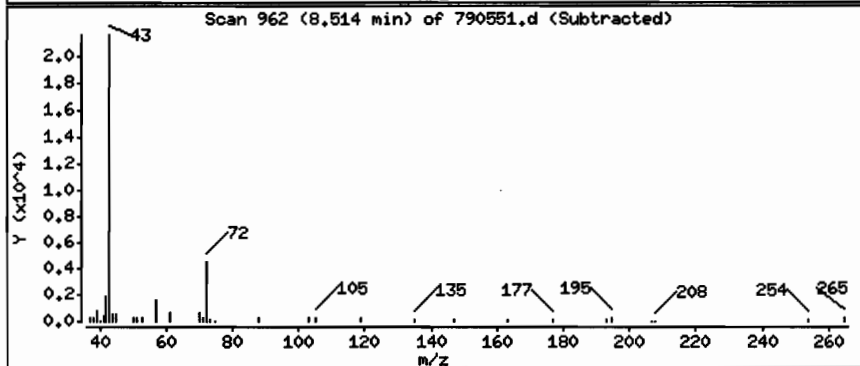
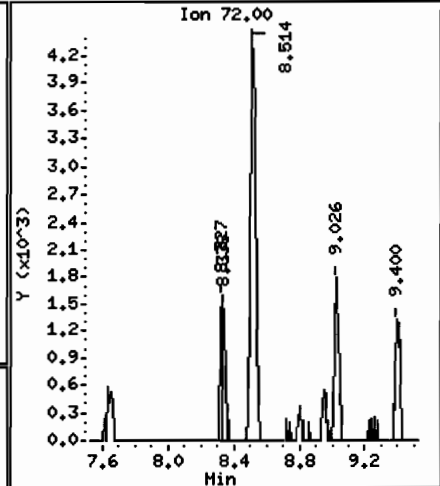
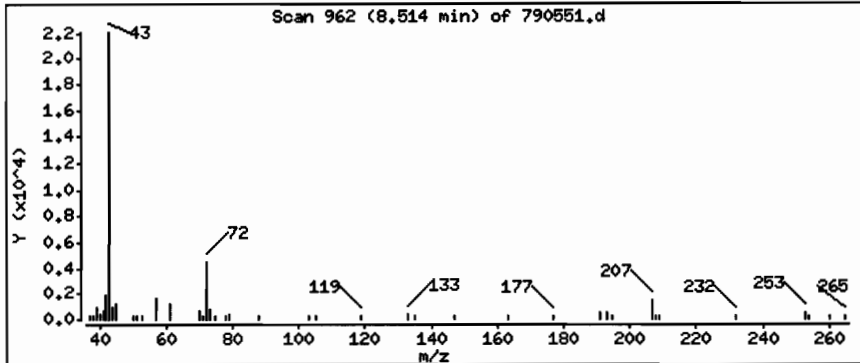
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

30 Methyl Ethyl Ketone

Concentration: 0.77 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N : [103/26/09 @0815(AIR)

Purge Volume: 200.0

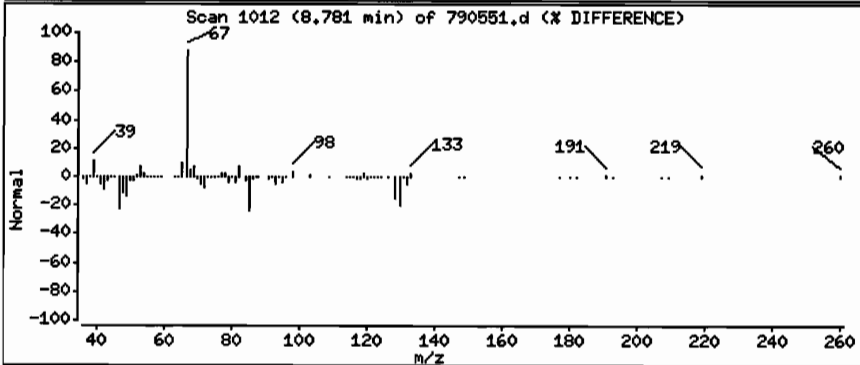
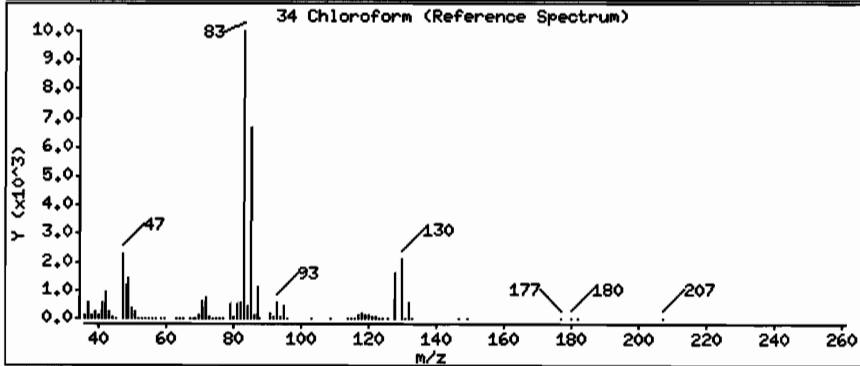
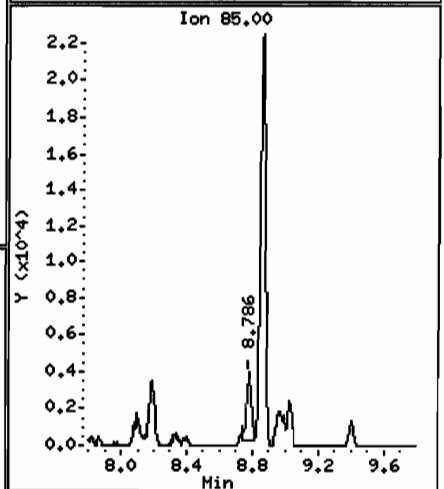
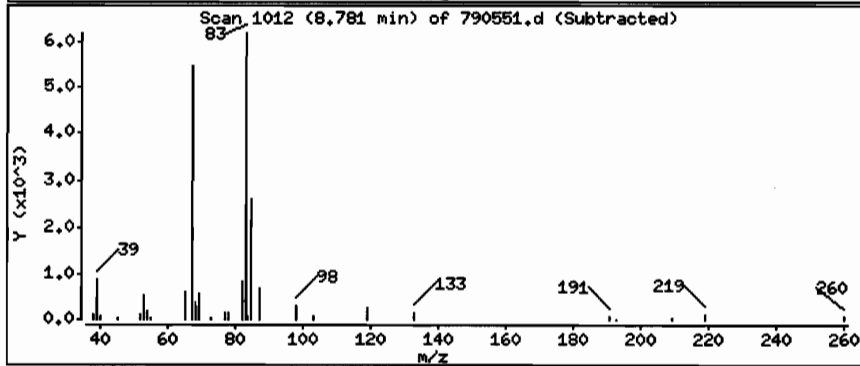
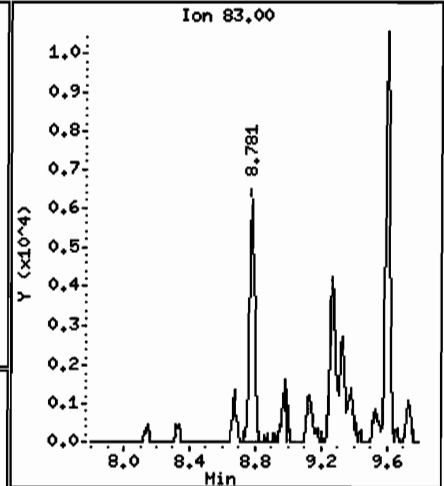
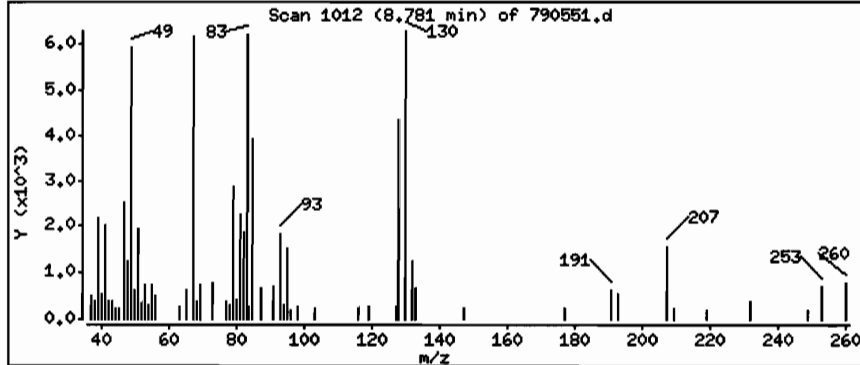
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

34 Chloroform

Concentration: 0.20 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;I 103/26/09 00815(AIR)

Purge Volume: 200.0

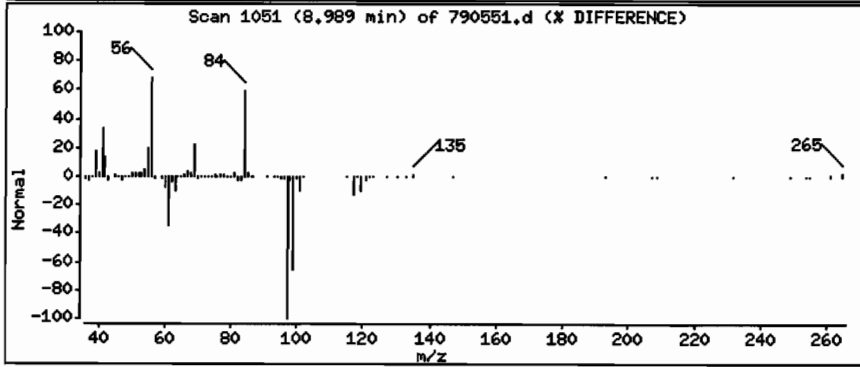
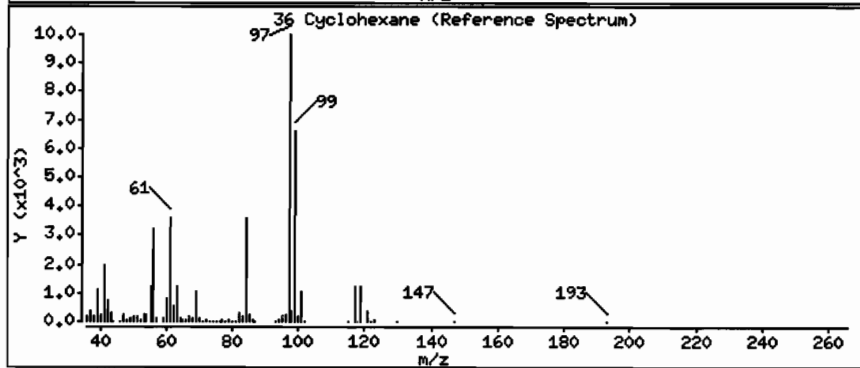
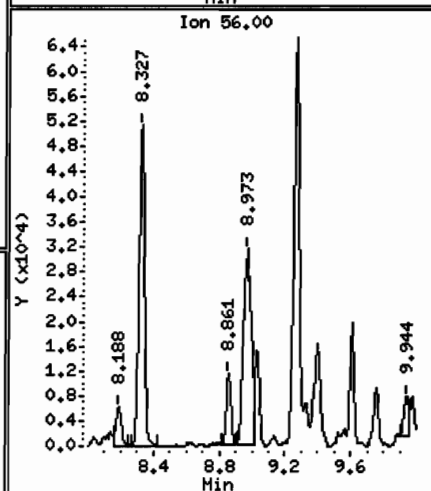
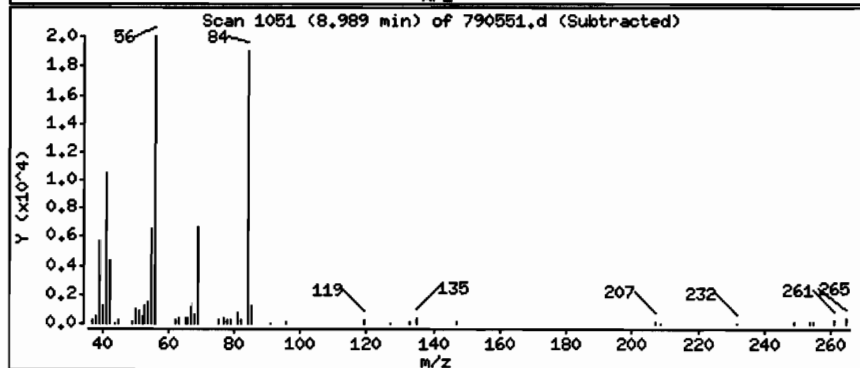
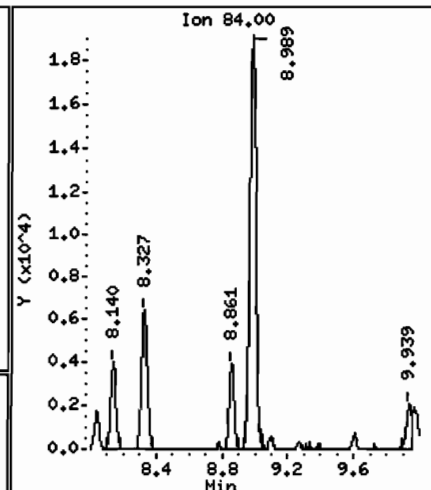
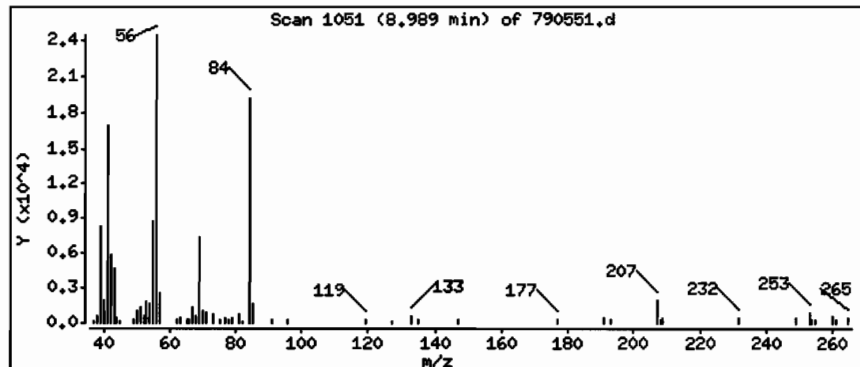
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

36 Cyclohexane

Concentration: 1.1 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 @0815(AIR)

Purge Volume: 200.0

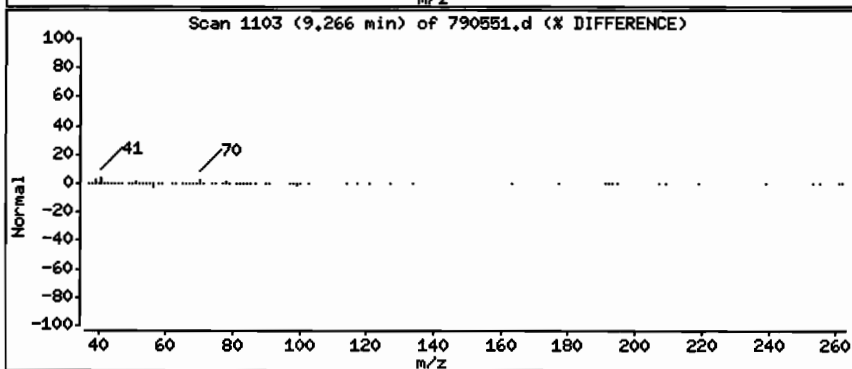
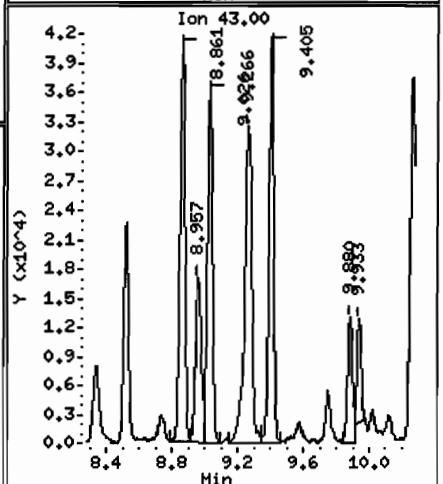
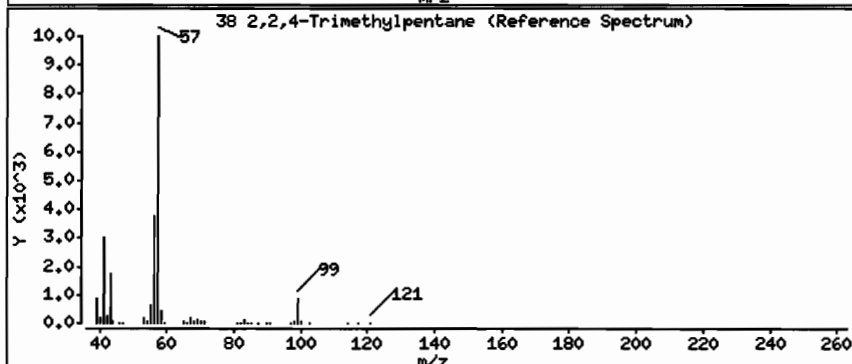
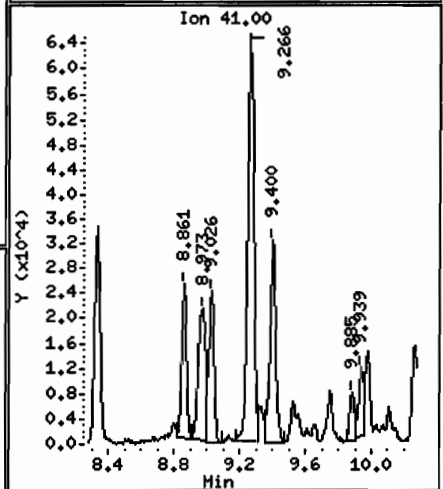
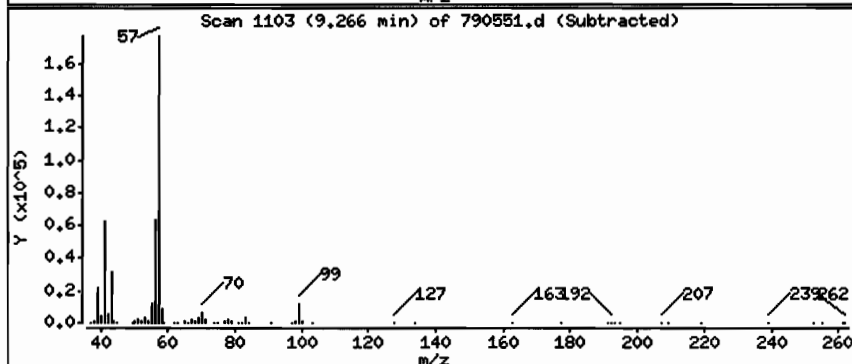
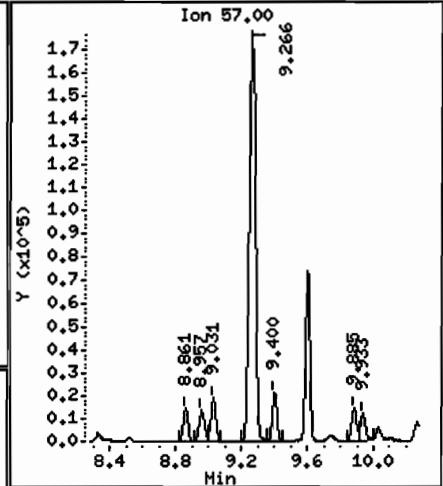
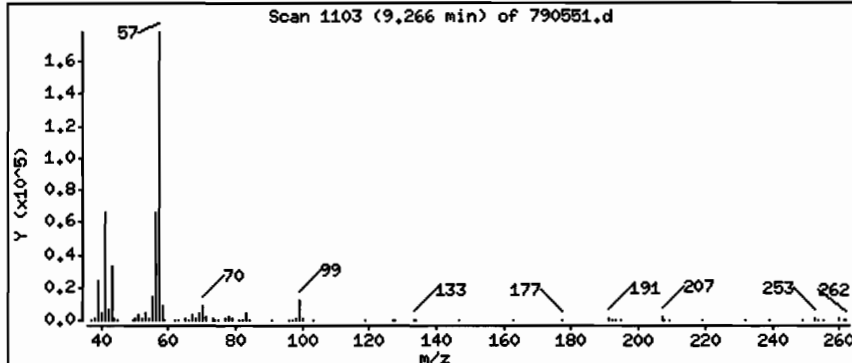
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

38 2,2,4-Trimethylpentane

Concentration: 3.1 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 @0815(AIR)

Purge Volume: 200.0

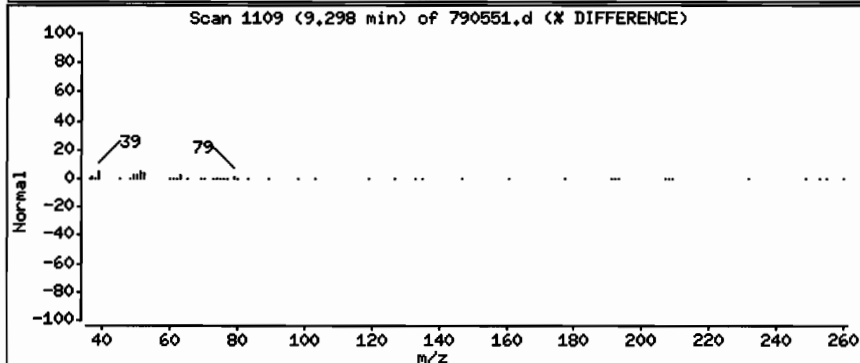
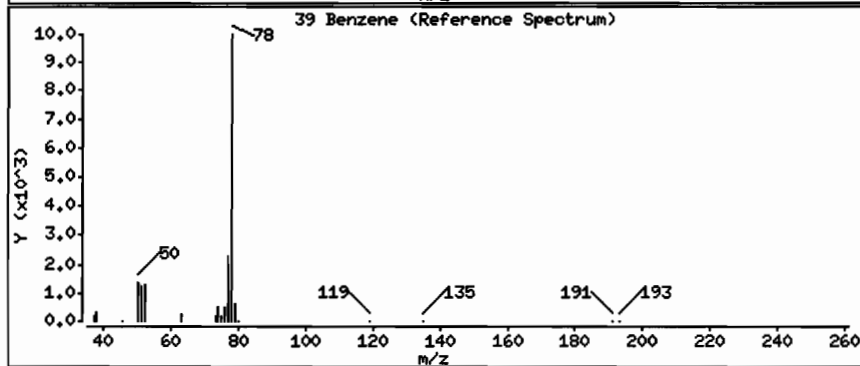
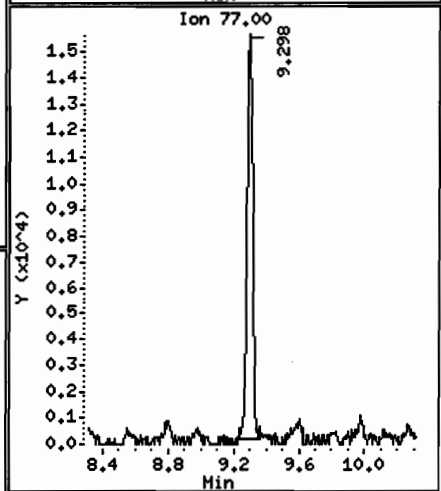
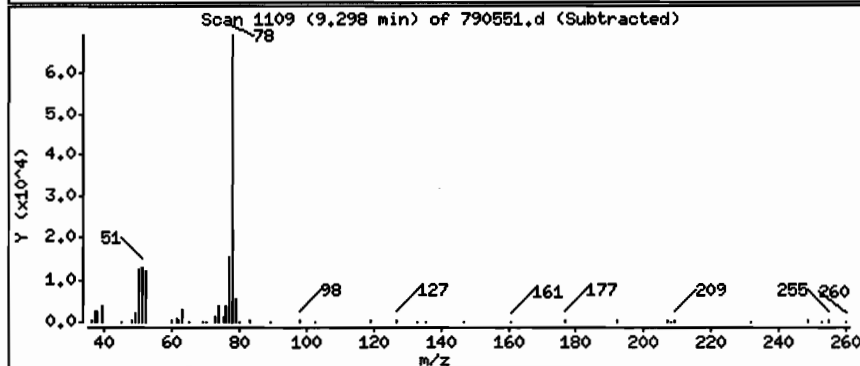
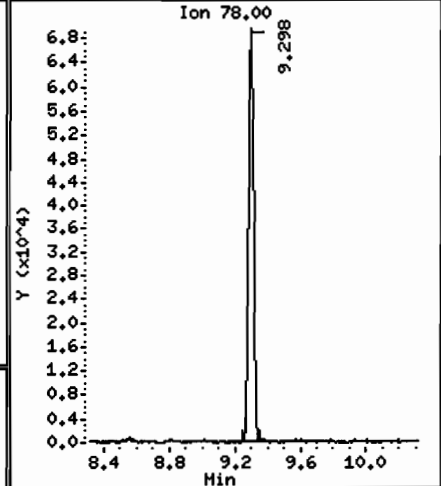
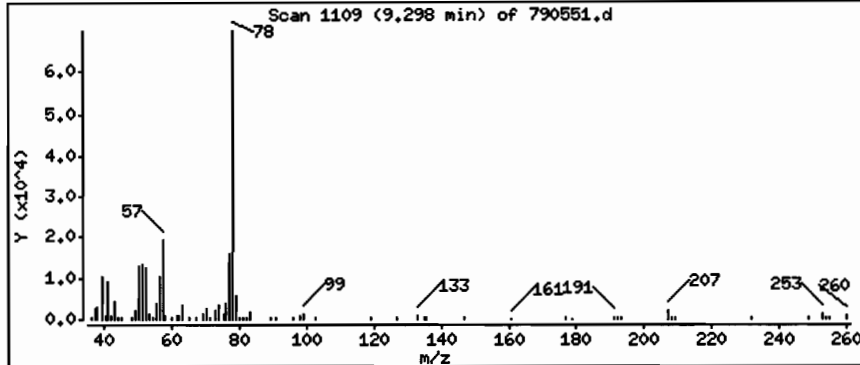
Operator: pad

Column phase: RTX-624

Column diameter: 0,32

39 Benzene

Concentration: 1.6 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

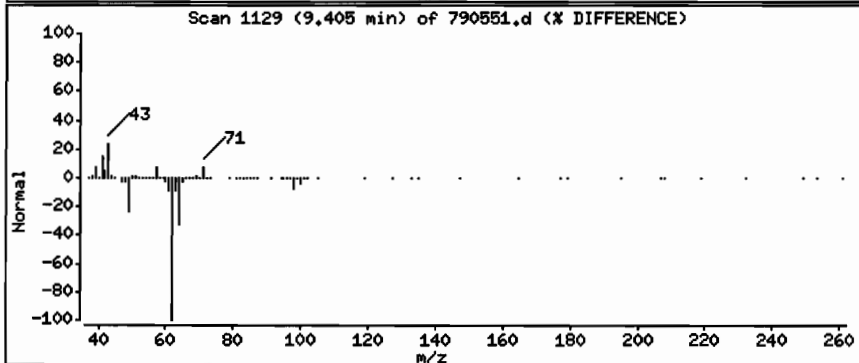
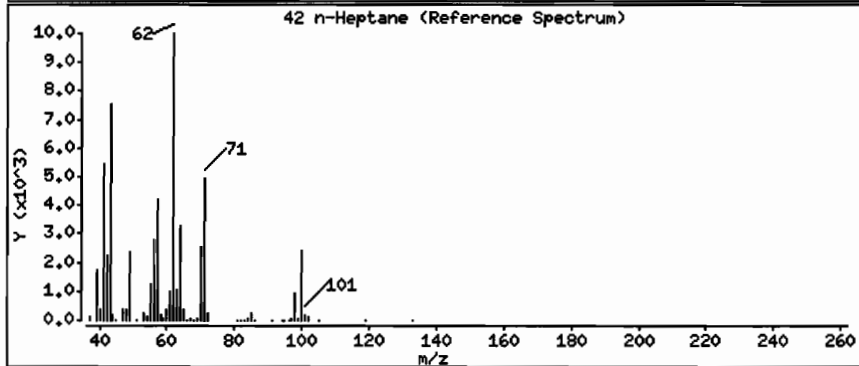
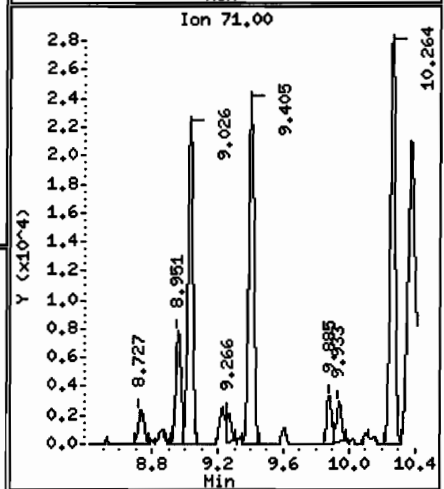
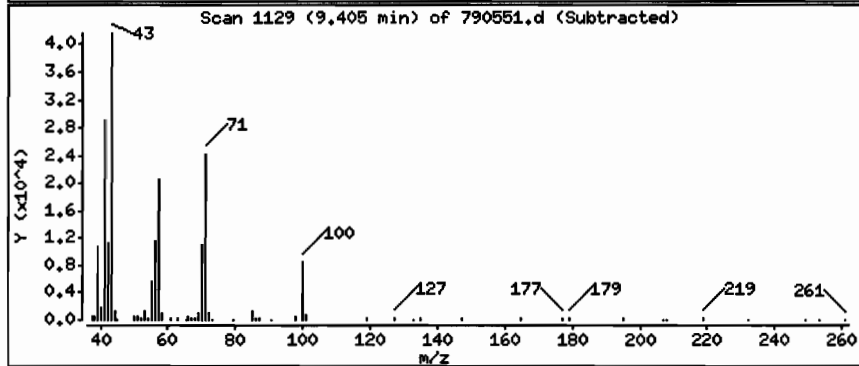
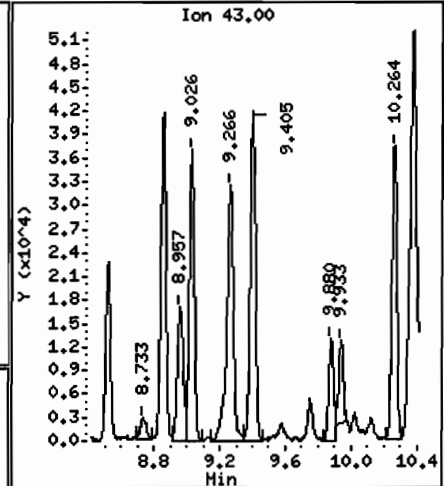
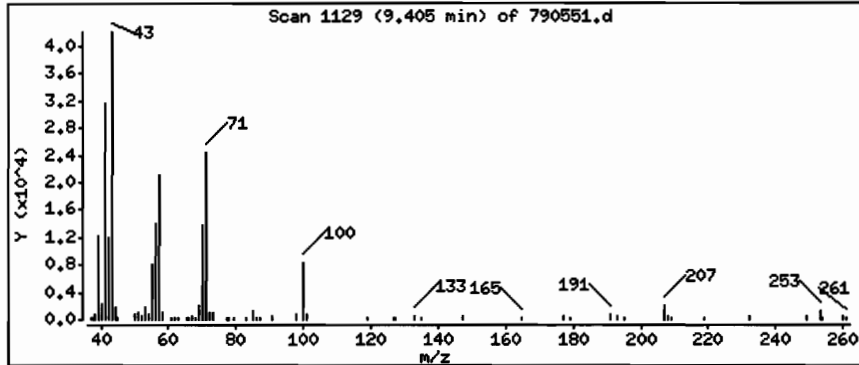
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

42 n-Heptane

Concentration: 1.6 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

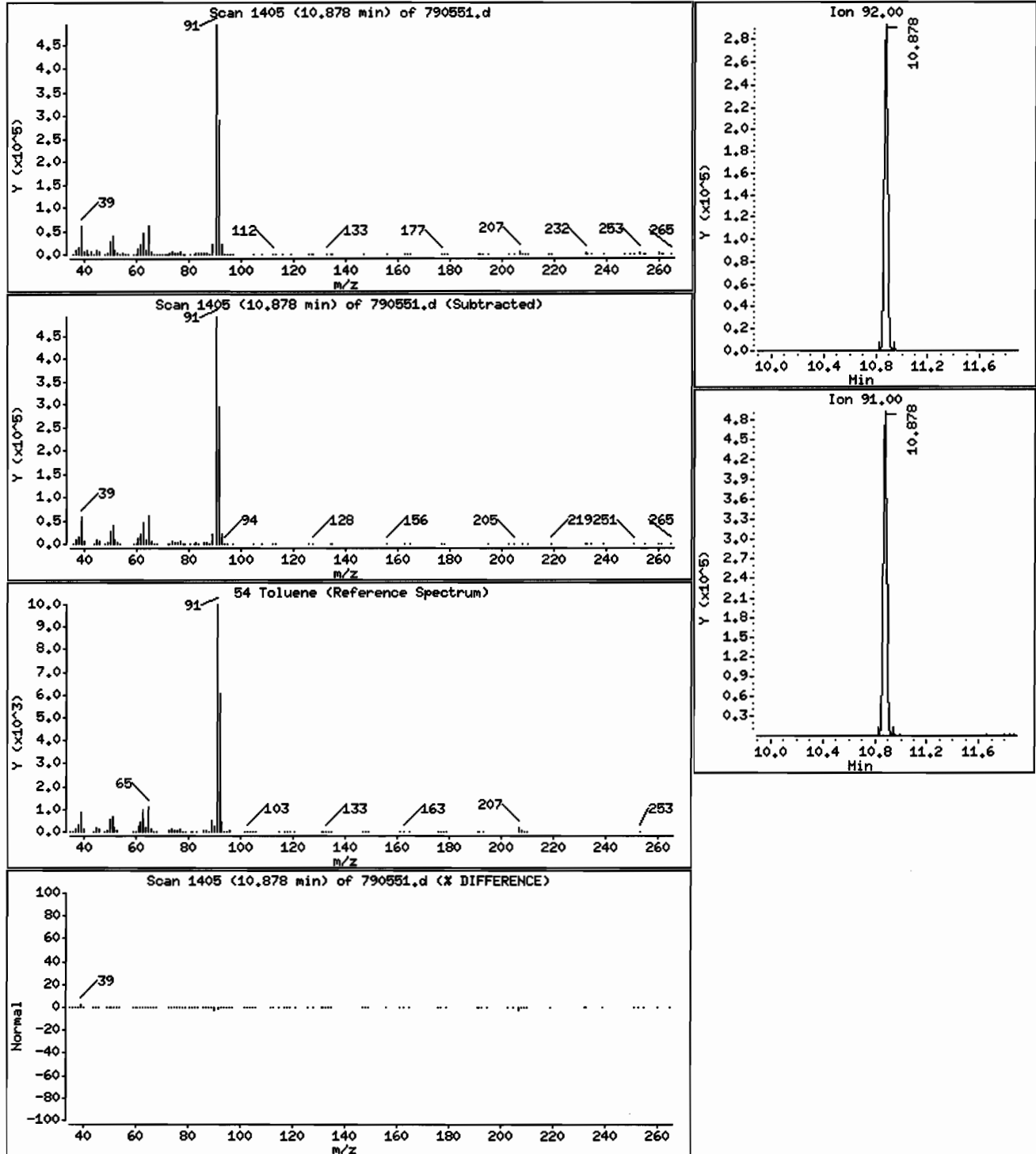
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

54 Toluene

Concentration: 8.1 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 @0815(AIR)

Purge Volume: 200.0

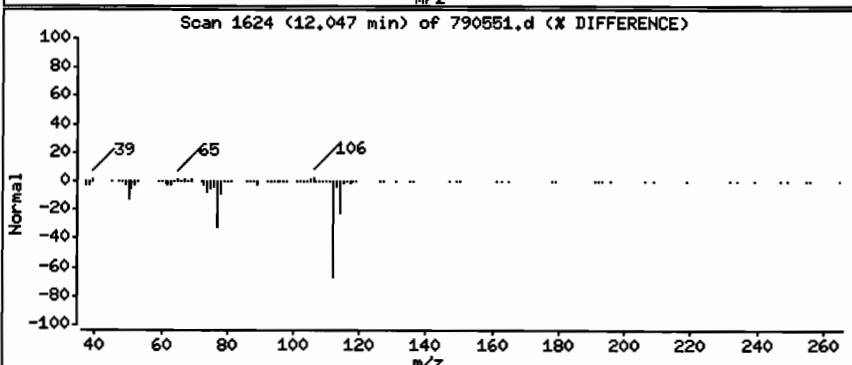
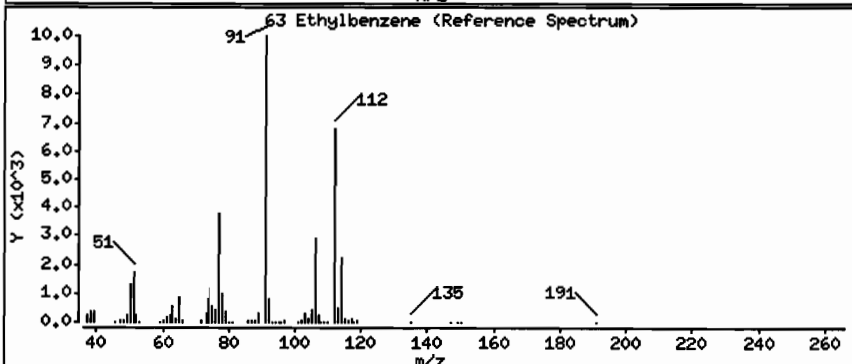
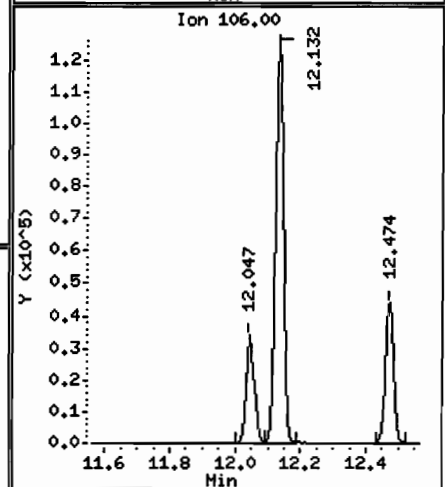
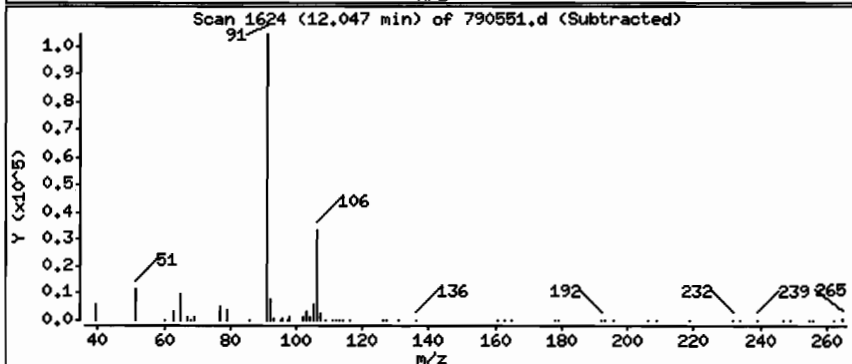
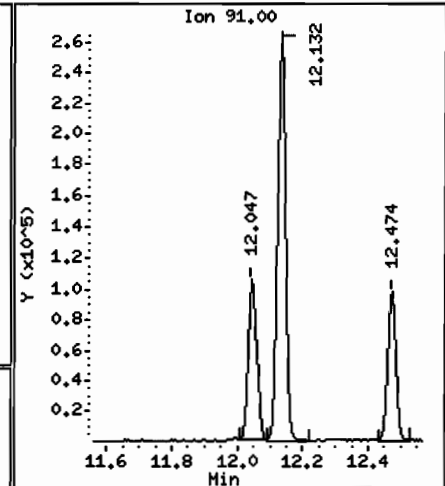
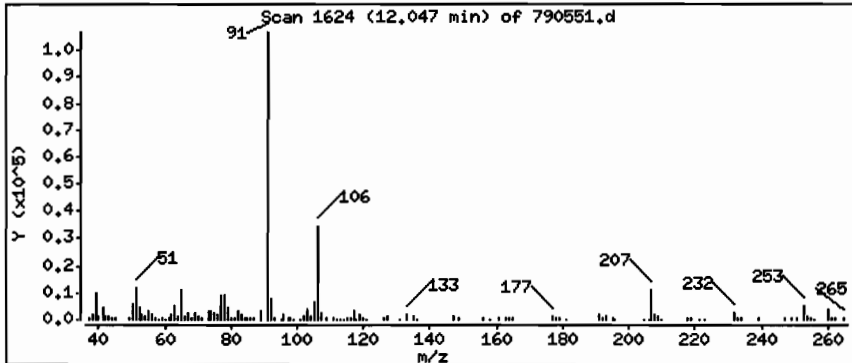
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

63 Ethylbenzene

Concentration: 1.4 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

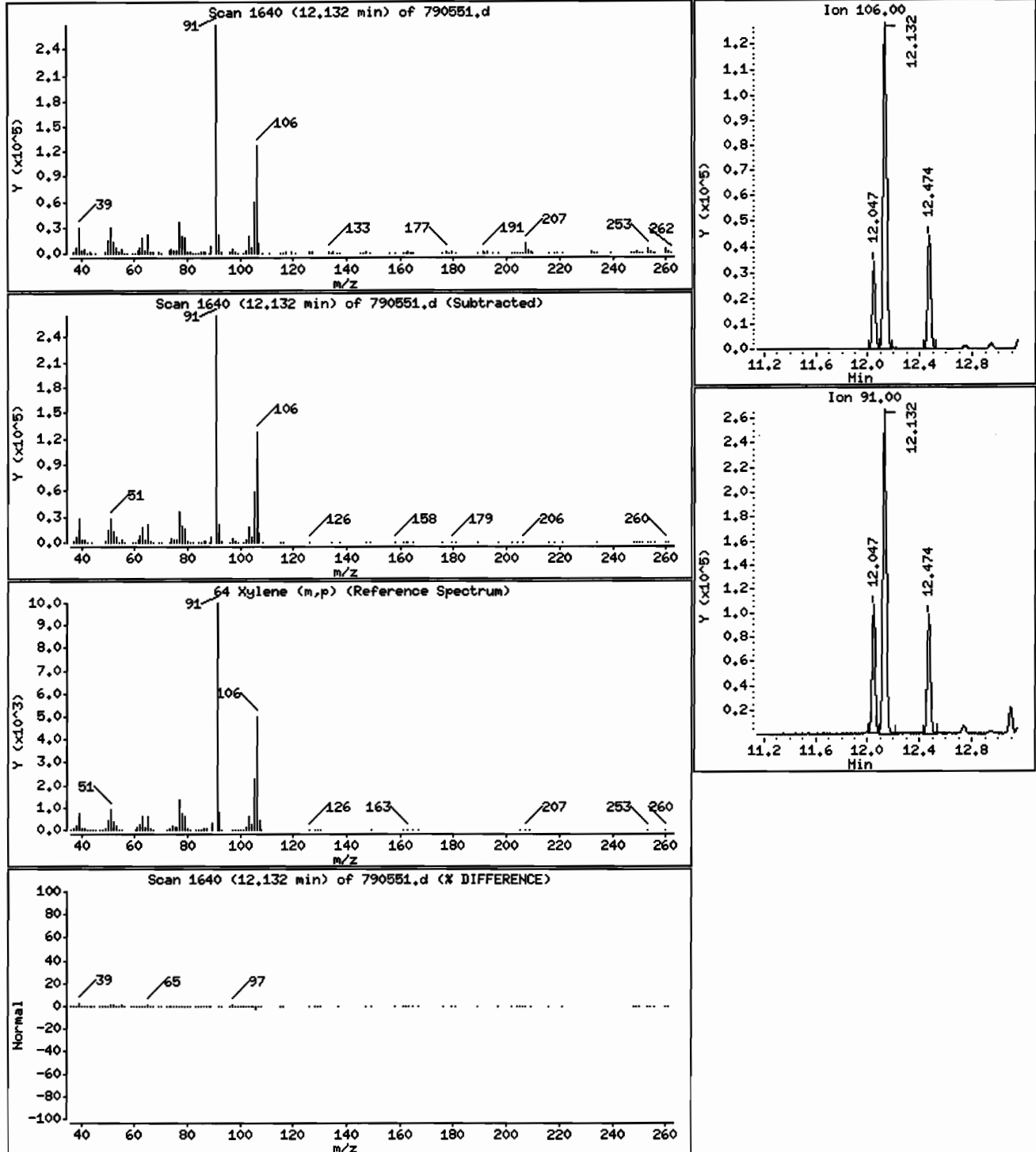
Operator: pad

Column phase: RTX-624

Column diameter: 0,32

64 Xylene (m,p)

Concentration: 4.4 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N :[103/26/09 00815(AIR)

Purge Volume: 200.0

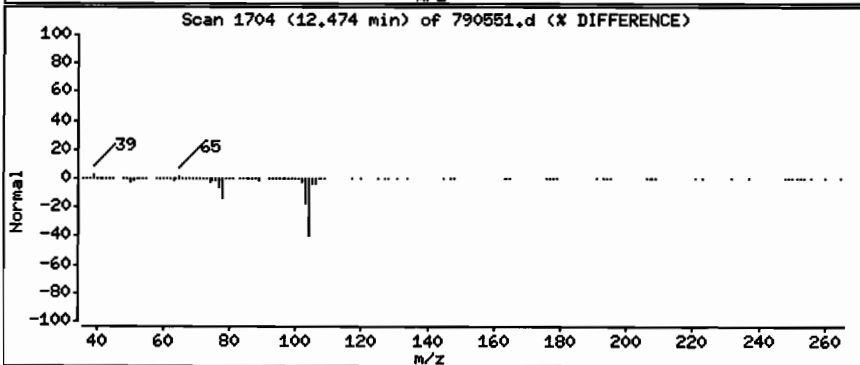
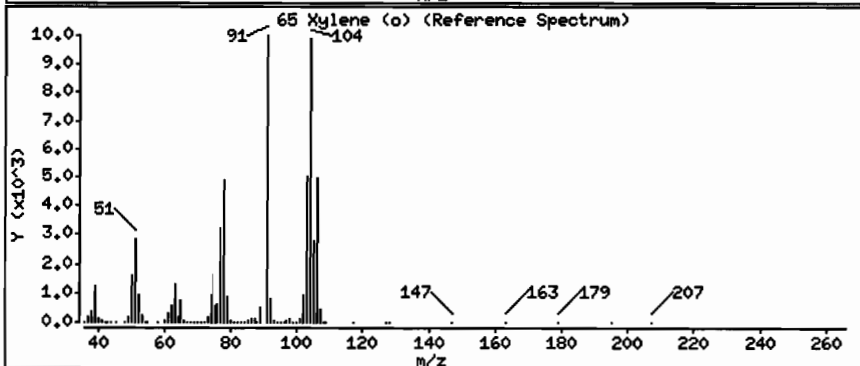
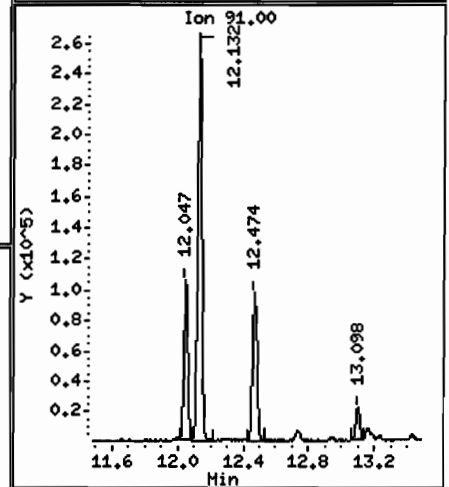
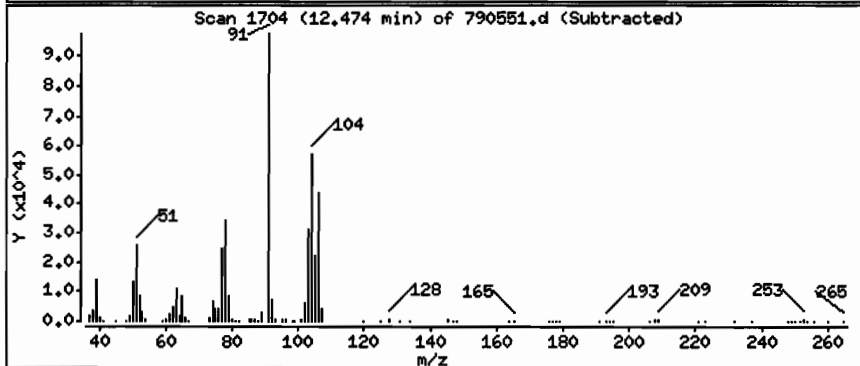
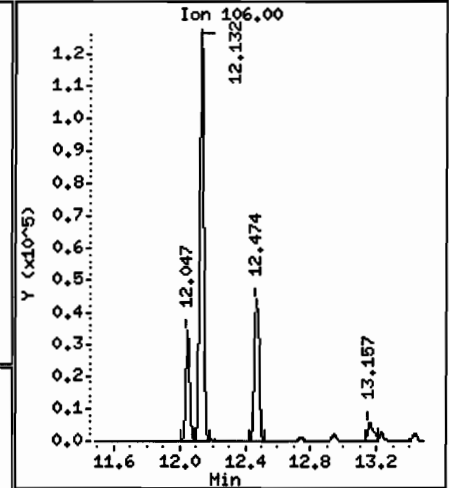
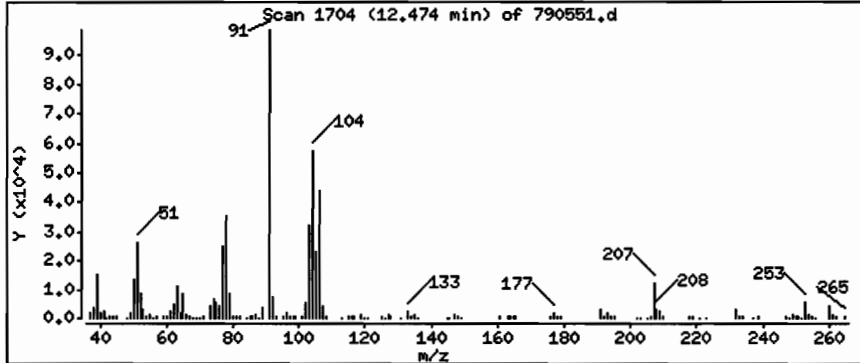
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

65 Xylene (o)

Concentration: 1.6 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 00815(AIR)

Purge Volume: 200.0

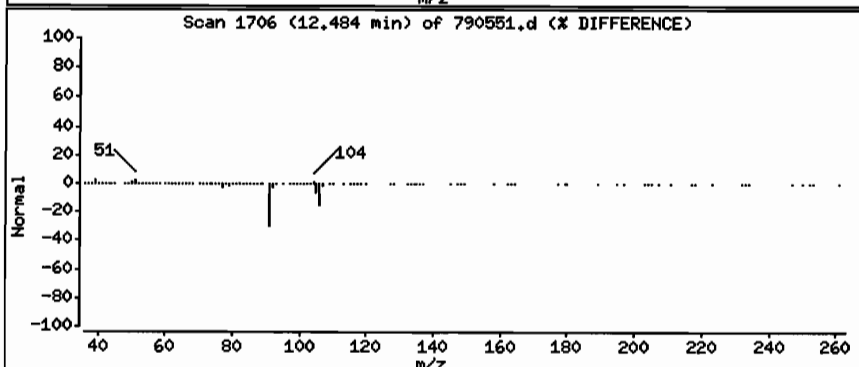
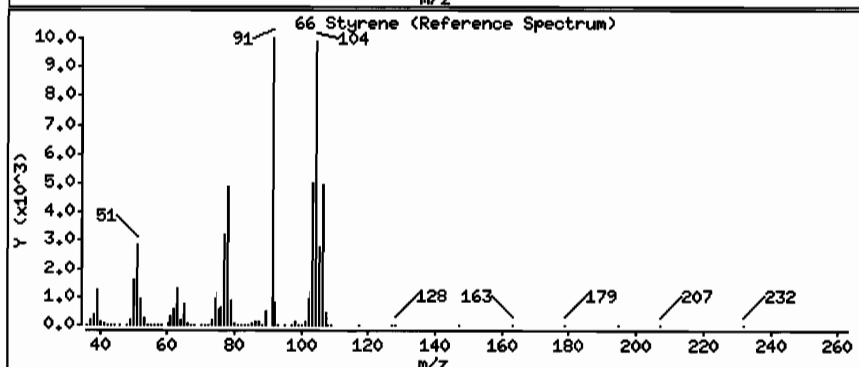
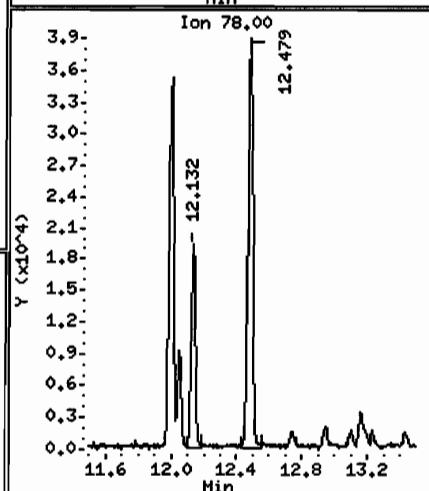
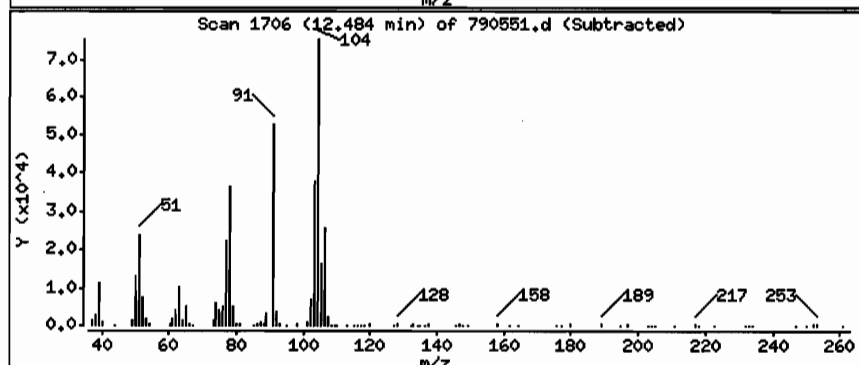
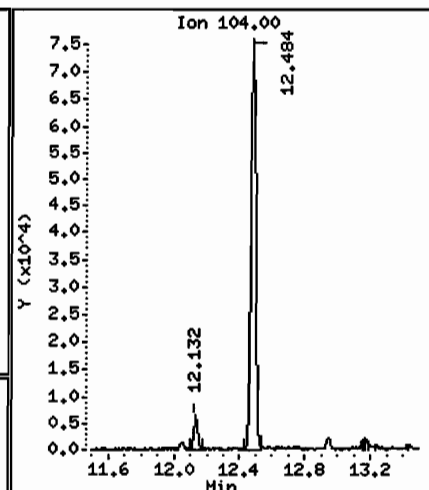
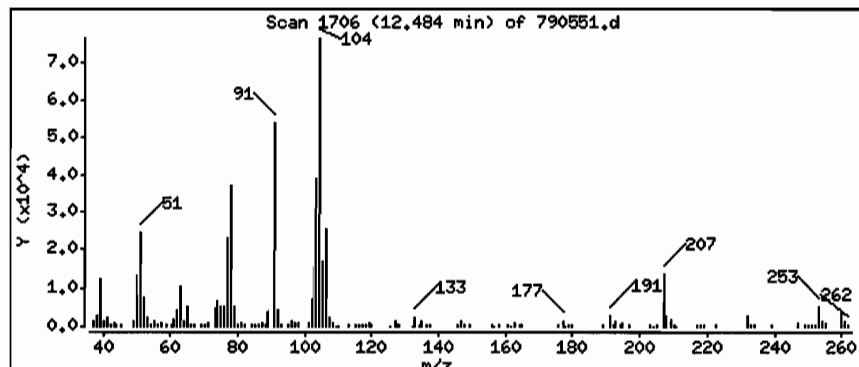
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

66 Styrene

Concentration: 2.0 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N ;[103/26/09 @0815(AIR)

Purge Volume: 200.0

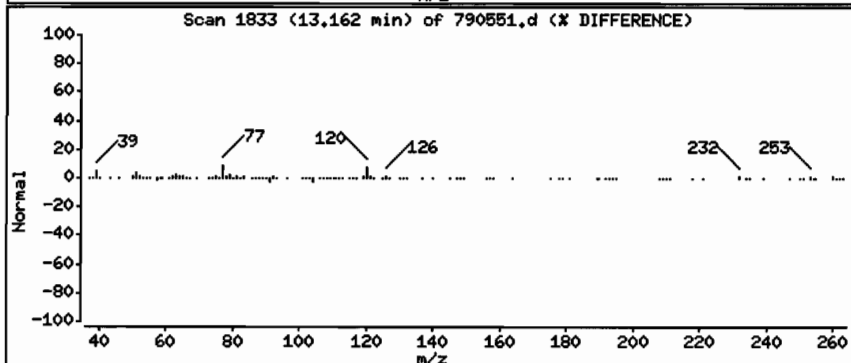
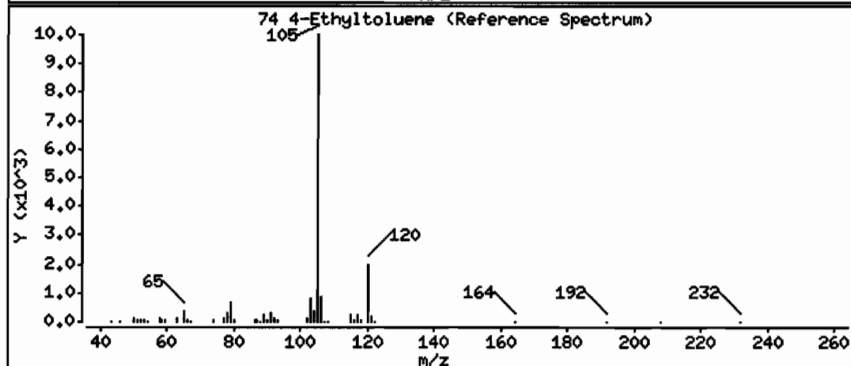
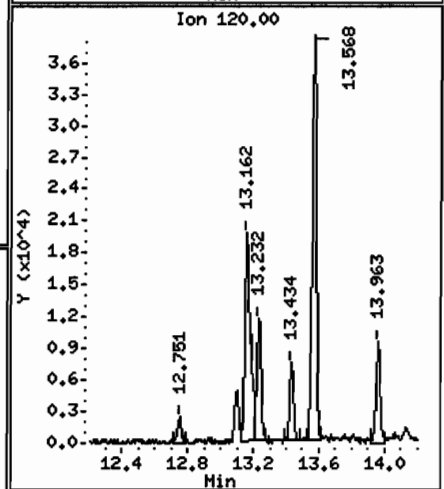
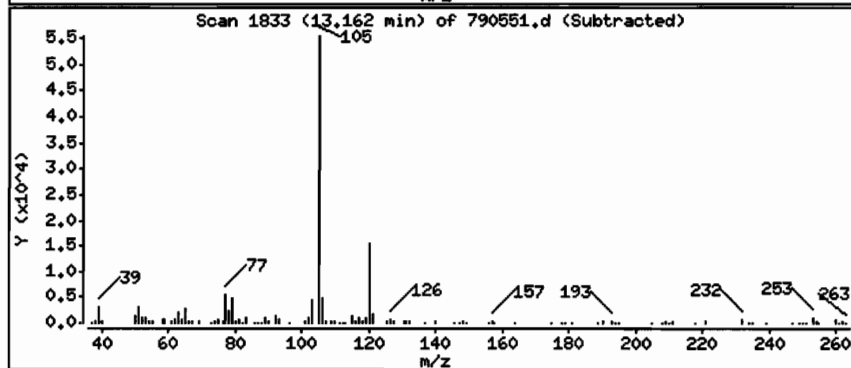
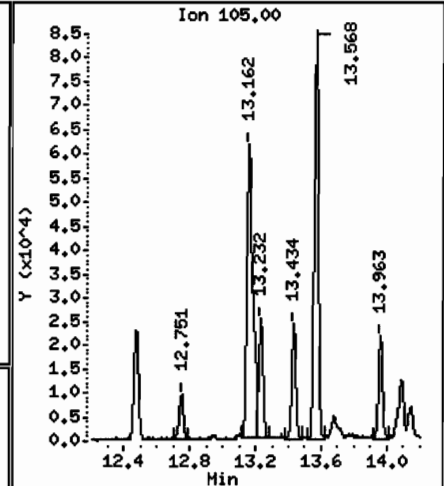
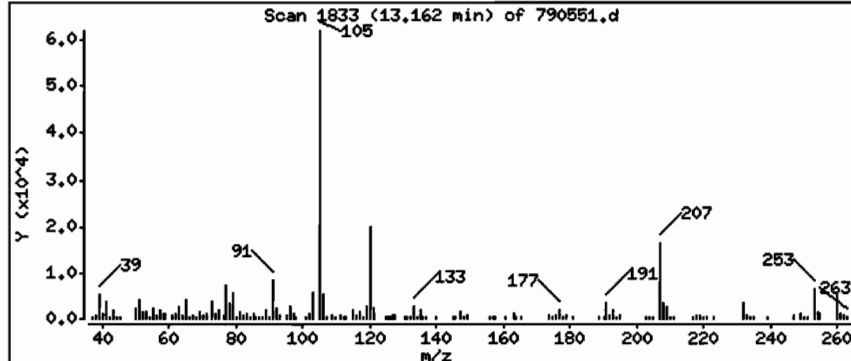
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

74 4-Ethyltoluene

Concentration: 1.1 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N :[103/26/09 00815(AIR)

Purge Volume: 200.0

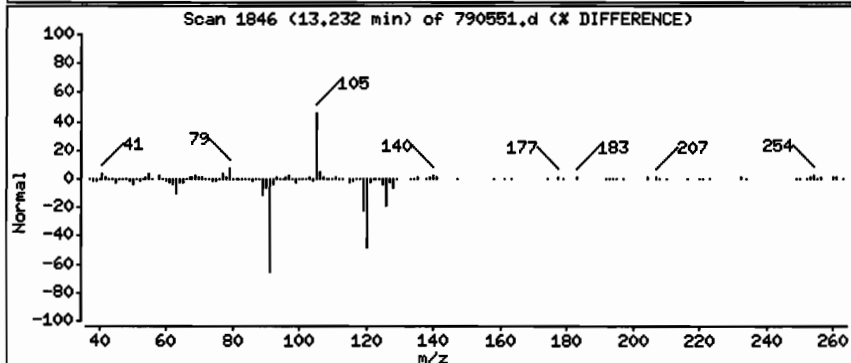
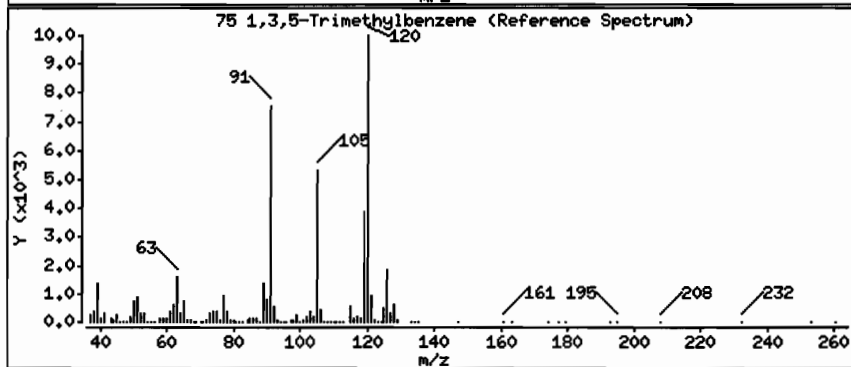
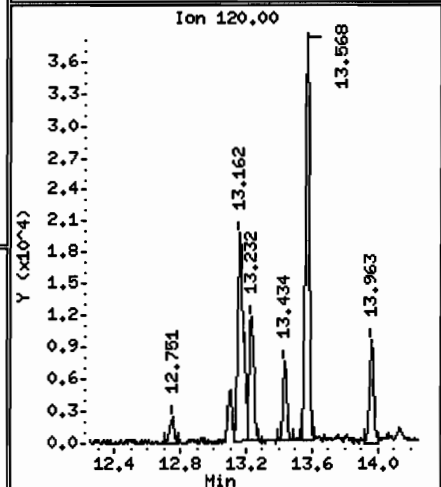
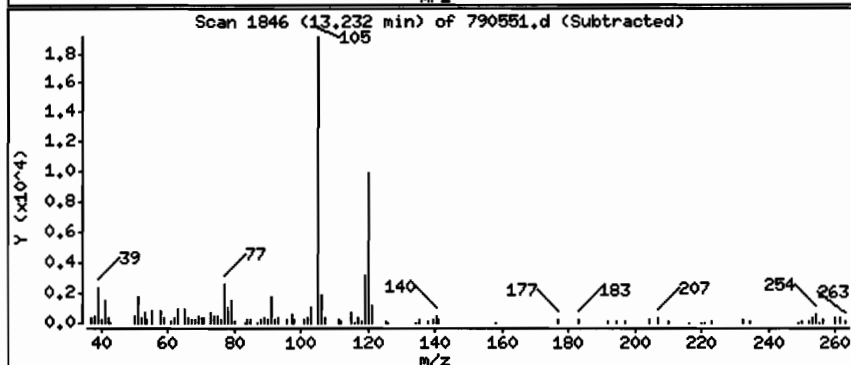
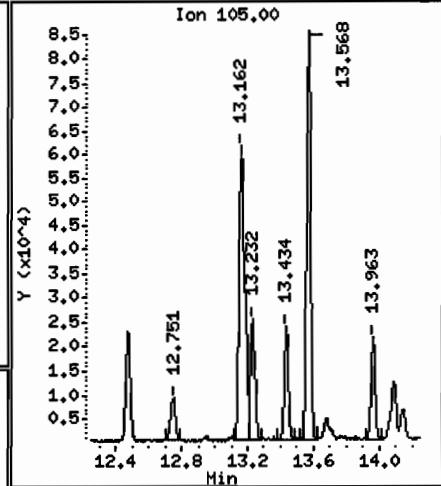
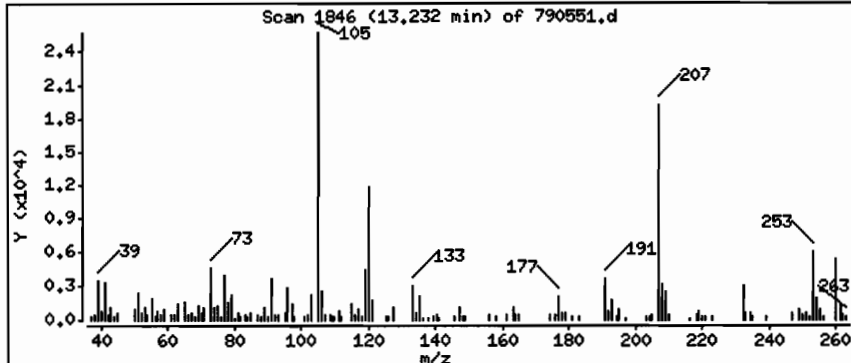
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

75 1,3,5-Trimethylbenzene

Concentration: 0.39 ppbv



Date : 31-MAR-2009 11:41

Client ID: 0326H-FF-01N

Instrument: C.i

Sample Info: 20090326H-FF-01N :[103/26/09 @0815(AIR)

Purge Volume: 200.0

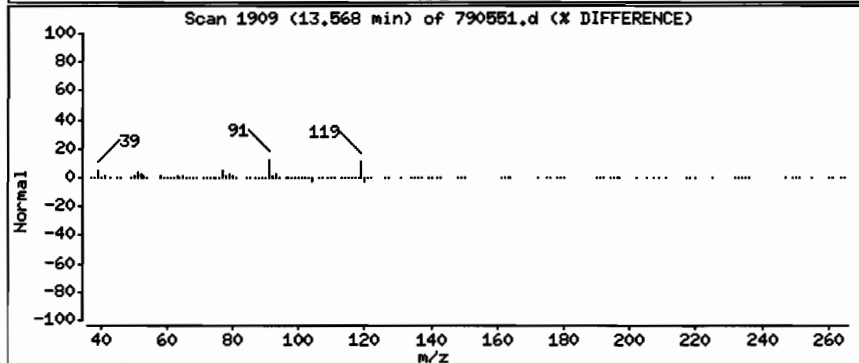
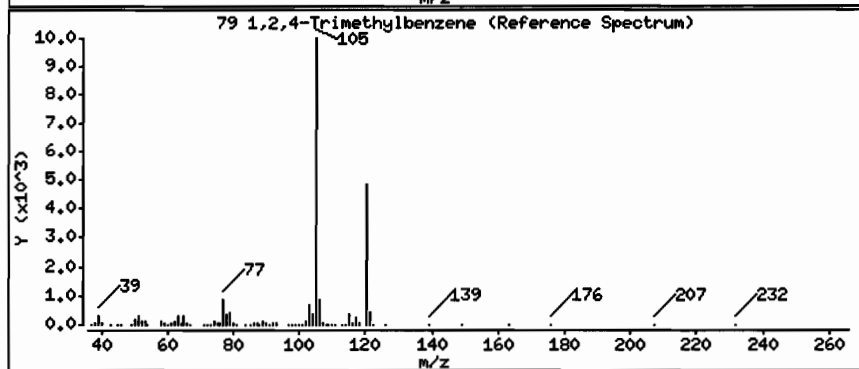
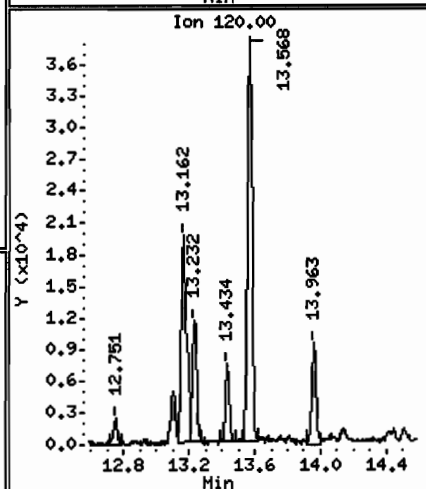
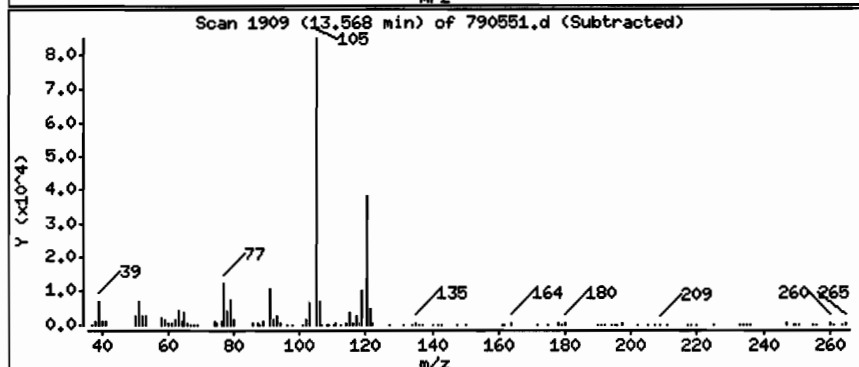
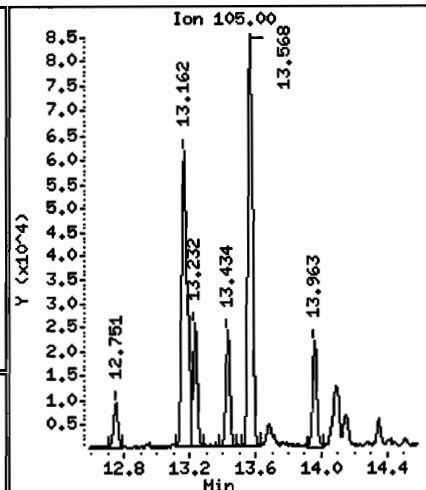
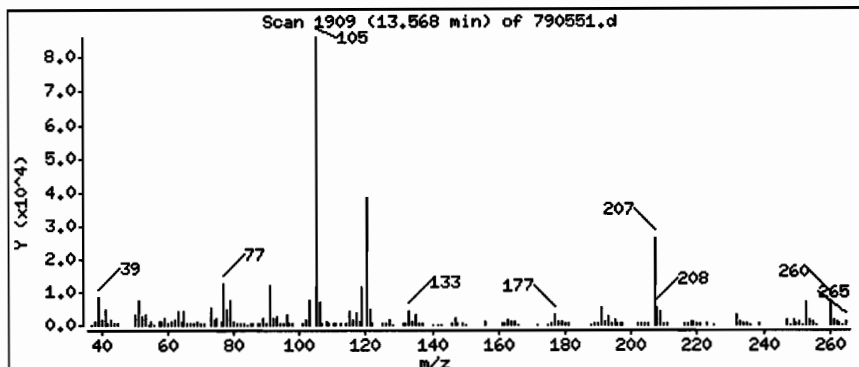
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

79 1,2,4-Trimethylbenzene

Concentration: 1.4 ppbv



MANUAL INTEGRATION REPORT

Data File Name: 790551.d

Inj. Date and Time: 31-MAR-2009 11:41

Target Version: Target 3.50

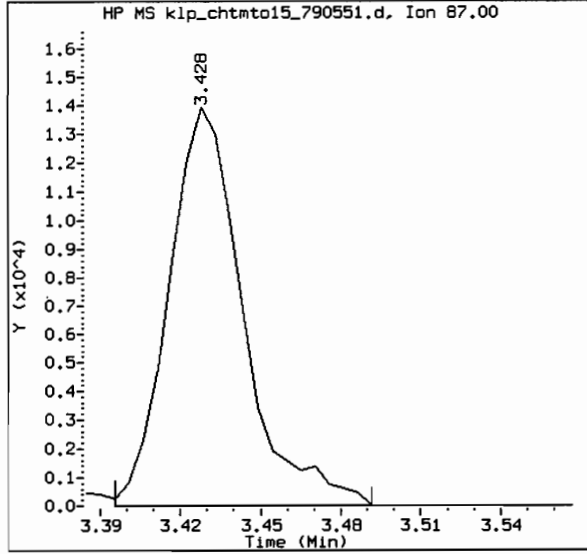
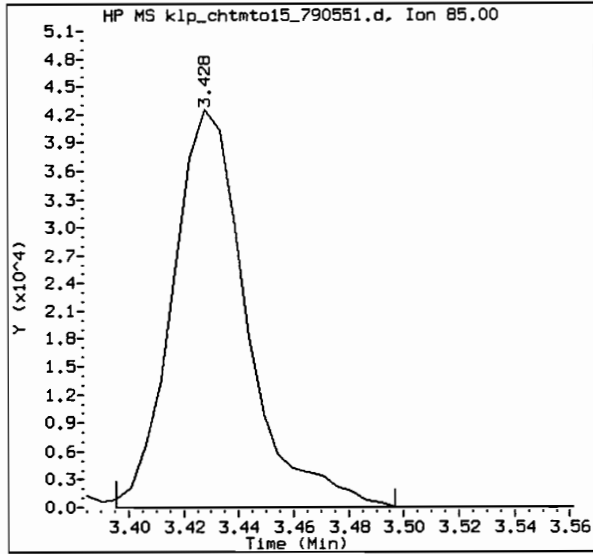
Client Sample ID: 0326H-FF-01N

Instrument ID: C.i

Report Version: 1.1

Compound Name: Dichlorodifluoromethane CAS #: 75-71-8

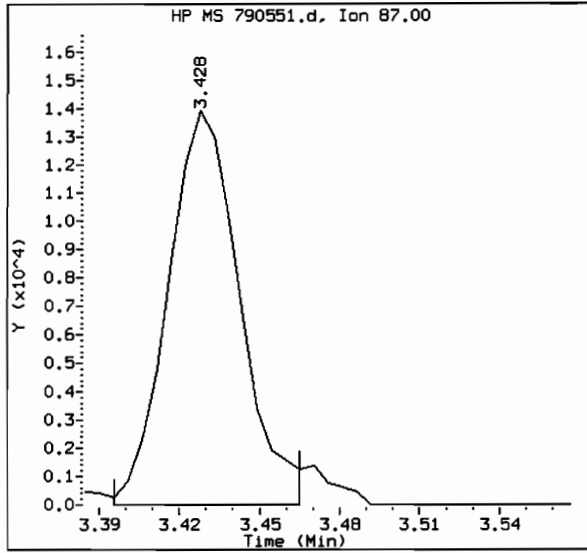
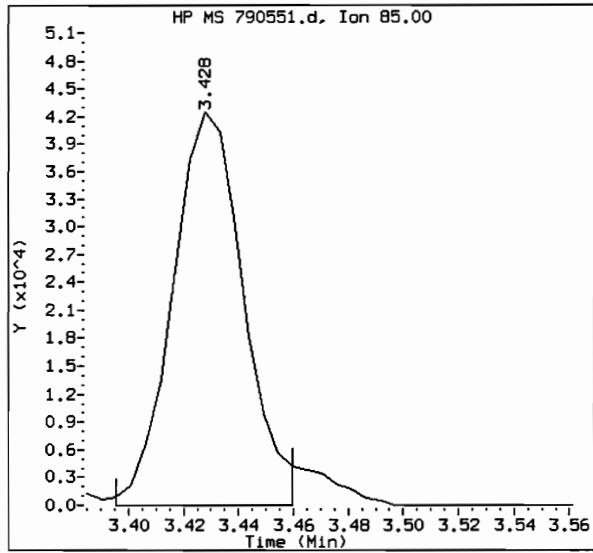
Report Date: 04/21/2009 21:20



Original Integrations:

Area = 80179

Area = 26800



Final Integrations:

Area = 76049

Area = 25773

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHA SAMPLE NO.

0326H-FF-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790552

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790552

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.96	
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U
74-87-3	Chloromethane	0.73	
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	0.35	
76-13-1	Freon TF	2.2	
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	8.4	
67-63-0	Isopropyl Alcohol	9.1	
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	6.7	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.92	
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	2.3	
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	2.3	
71-43-2	Benzene	2.9	
540-59-0	1,2-Dichloroethene (total)	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	3.7	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHA SAMPLE NO.

0326H-FF-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790552

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790552

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	.15	
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	2.3	
1330-20-7	Xylene (m,p)	7.6	
95-47-6	Xylene (o)	2.9	
100-42-5	Styrene	0.26	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
1330-20-7	Xylene (total)	11	
622-96-8	4-Ethyltoluene	2.3	
108-67-8	1,3,5-Trimethylbenzene	0.76	
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	2.6	
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-FF-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790552

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790552

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

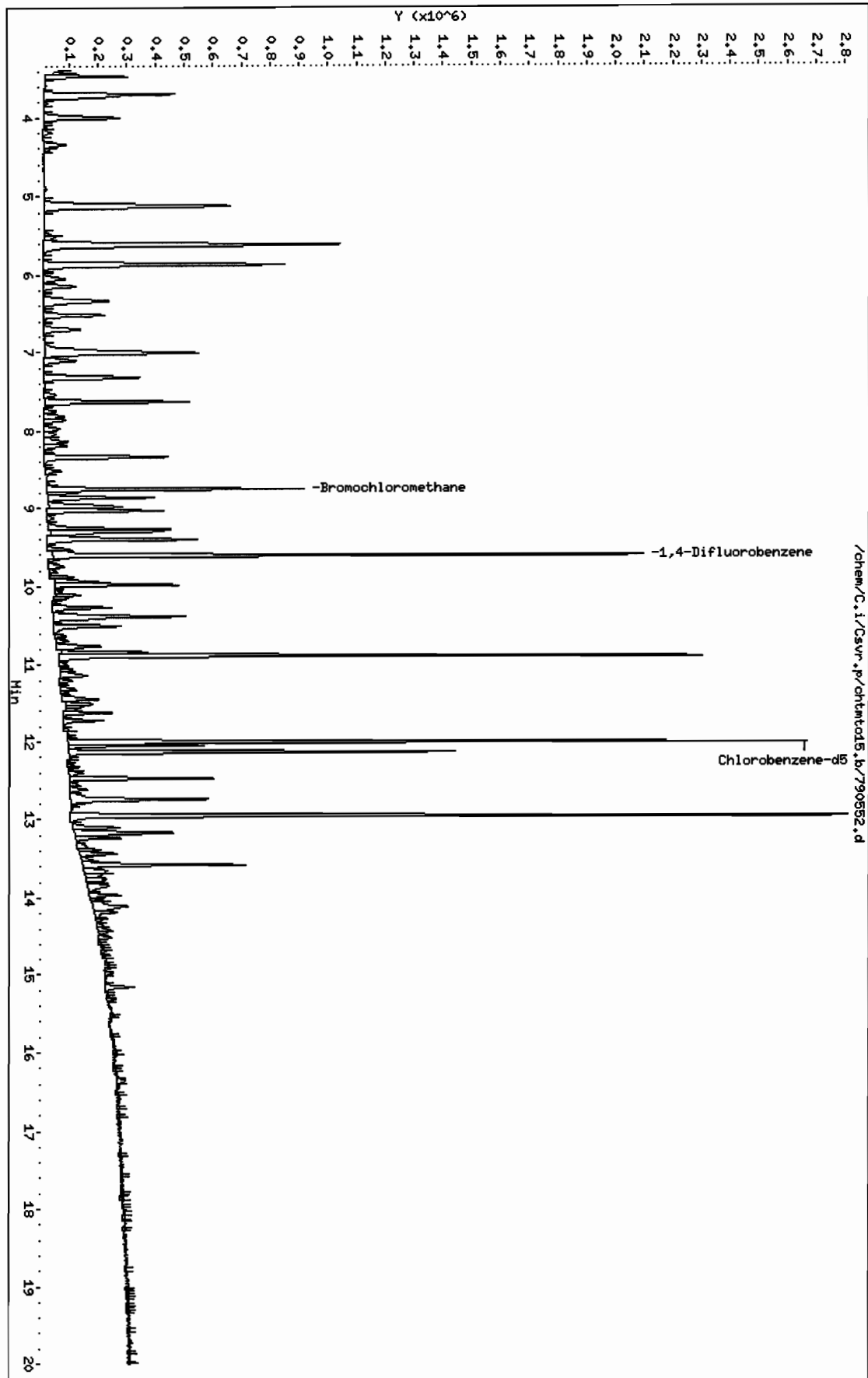
Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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30.				

FORM I VOA-TIC

Data File: /chem/C.i/Csvr.p/chemt015.b/790552.d
Date: 31-MAR-2009 12:27
Client ID: 0326H-FF-02N
Sample Info: 20090326H-FF-02N : (J03/26/09 01633(AIR))
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790552.d
 Lab Smp Id: 790552 Client Smp ID: 0326H-FF-02N
 Inj Date : 31-MAR-2009 12:27
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-FF-02N :[]03/26/09 @1633(AIR)
 Misc Info : 790552;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.428	3.433	(0.392)	94063	0.95598	0.96(M)
3 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
4 Chloromethane	50	3.801	3.812	(0.435)	21135	0.72952	0.73
6 Vinyl Chloride	62	Compound Not Detected.					
7 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.488	5.504	(0.628)	33094	0.35323	0.35
17 Freon TF	101	6.326	6.347	(0.723)	111873	2.19372	2.2
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.518	6.534	(0.745)	330824	8.42086	8.4
20 Isopropyl Alcohol	45	6.699	6.689	(0.766)	232915	9.13920	9.1
21 Carbon Disulfide	76	Compound Not Detected.					
22 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
24 Methylene Chloride	49				Compound Not Detected.		
25 tert-Butyl Alcohol	59				Compound Not Detected.		
26 Methyl tert-Butyl Ether	73				Compound Not Detected.		
27 trans-1,2-Dichloroethene	61				Compound Not Detected.		
28 n-Hexane	57	7.628	7.644	(0.872)	265471	6.74706	6.7
29 1,1-Dichloroethane	63				Compound Not Detected.		
30 Methyl Ethyl Ketone	72	8.503	8.525	(0.973)	10468	0.92498	0.92 (Q)
31 cis-1,2-Dichloroethene	96				Compound Not Detected.		
* 32 Bromochloromethane	128	8.743	8.765	(1.000)	243846	10.0000	(Q)
33 Tetrahydrofuran	42				Compound Not Detected.		
34 Chloroform	83				Compound Not Detected.		
35 1,1,1-Trichloroethane	97				Compound Not Detected.		
36 Cyclohexane	84	8.983	8.999	(0.936)	93222	2.29390	2.3 (Q)
37 Carbon Tetrachloride	117				Compound Not Detected.		
38 2,2,4-Trimethylpentane	57	9.266	9.277	(0.965)	319528	2.32216	2.3
39 Benzene	78	9.298	9.314	(0.968)	257265	2.93810	2.9
M 40 1,2-Dichloroethene (total)	61				Compound Not Detected.		
41 1,2-Dichloroethane	62				Compound Not Detected.		
42 n-Heptane	43	9.400	9.416	(0.979)	196999	3.74130	3.7
* 43 1,4-Difluorobenzene	114	9.603	9.619	(1.000)	1531465	10.0000	
45 Trichloroethene	95				Compound Not Detected.		
47 1,2-Dichloropropane	63				Compound Not Detected.		
48 1,4-Dioxane	88				Compound Not Detected.		
50 Bromodichloromethane	83				Compound Not Detected.		
51 cis-1,3-Dichloropropene	75				Compound Not Detected.		
52 Methyl Isobutyl Ketone	43				Compound Not Detected.		
54 Toluene	92	10.878	10.894	(0.907)	899607	14.6918	15
55 trans-1,3-Dichloropropene	75				Compound Not Detected.		
56 1,1,2-Trichloroethane	83				Compound Not Detected.		
57 Tetrachloroethene	166				Compound Not Detected.		
58 Methyl Butyl Ketone	43				Compound Not Detected.		
59 Dibromochloromethane	129				Compound Not Detected.		
60 1,2-Dibromoethane	107				Compound Not Detected.		
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1340931	10.0000	
62 Chlorobenzene	112				Compound Not Detected.		
63 Ethylbenzene	91	12.047	12.063	(1.004)	289556	2.30426	2.3
64 Xylene (m,p)	106	12.132	12.148	(1.011)	369630	7.60631	7.6
65 Xylene (o)	106	12.469	12.485	(1.039)	139020	2.91828	2.9
66 Styrene	104	12.479	12.495	(1.040)	17059	0.25526	0.26 (Q)
67 Bromoform	173				Compound Not Detected.		
69 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
M 70 Xylene (total)	106				508650	10.6775	11
74 4-Ethyltoluene	105	13.157	13.205	(1.097)	303640	2.29213	2.3
75 1,3,5-Trimethylbenzene	105	13.232	13.248	(1.103)	85204	0.76213	0.76
76 2-Chlorotoluene	91				Compound Not Detected.		
79 1,2,4-Trimethylbenzene	105	13.568	13.584	(1.131)	277157	2.62733	2.6
82 1,3-Dichlorobenzene	146				Compound Not Detected.		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	=====	=====	-----	-----	
83 1,4-Dichlorobenzene	146				Compound Not Detected.		
88 1,2-Dichlorobenzene	146				Compound Not Detected.		
90 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
91 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

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

Data File: /chem/C.i/Csvr.p/chtmt015.b/790552.d
Report Date: 21-Apr-2009 21:20

Page 4

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790552.d
Lab Smp Id: 790552 Client Smp ID: 0326H-FF-02N
Inj Date : 31-MAR-2009 12:27
Operator : pad Inst ID: C.i
Smp Info : 20090326H-FF-02N :[]03/26/09 @1633(AIR)
Misc Info : 790552;033009CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

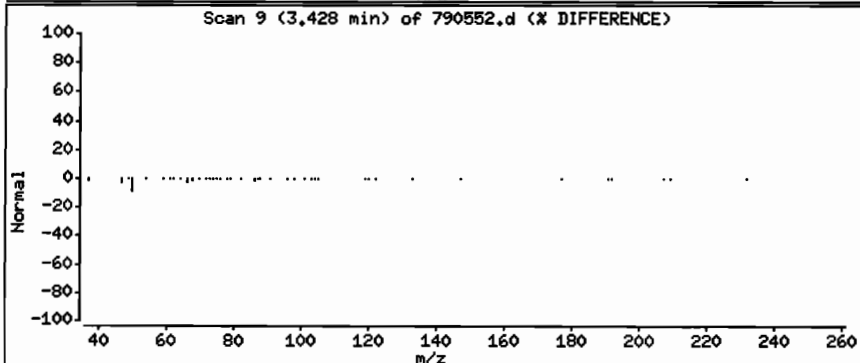
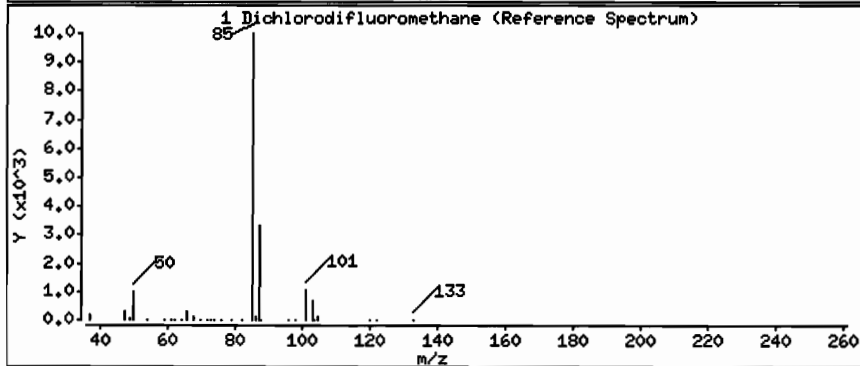
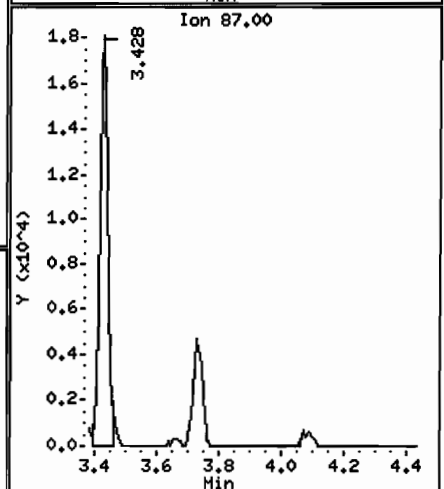
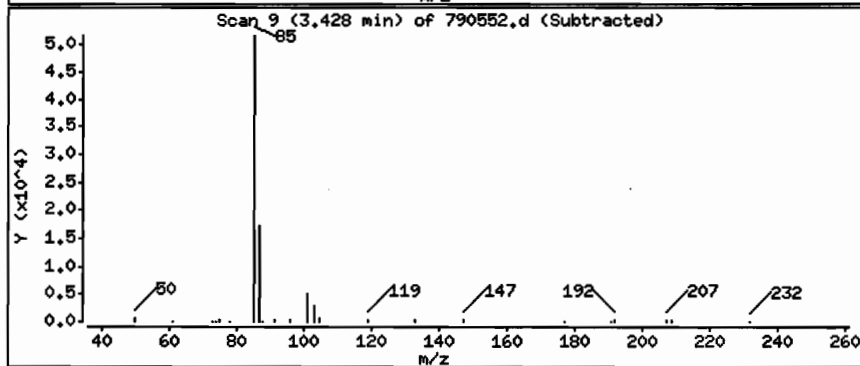
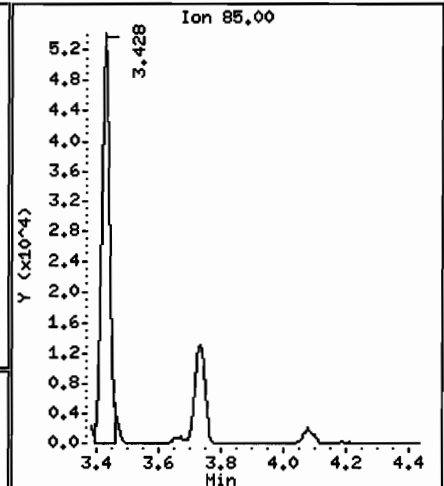
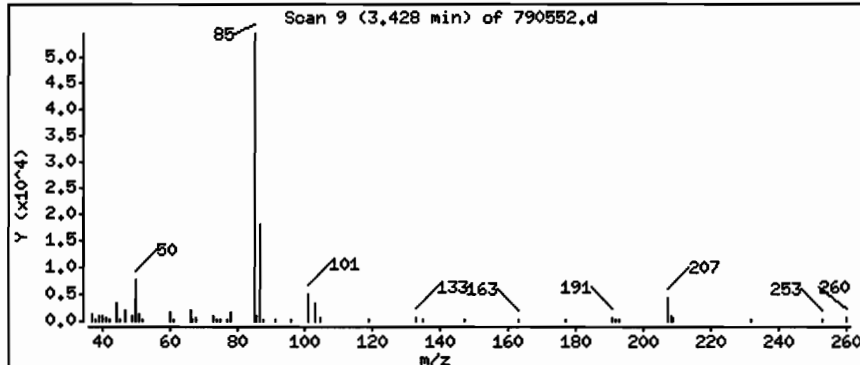
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.96 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

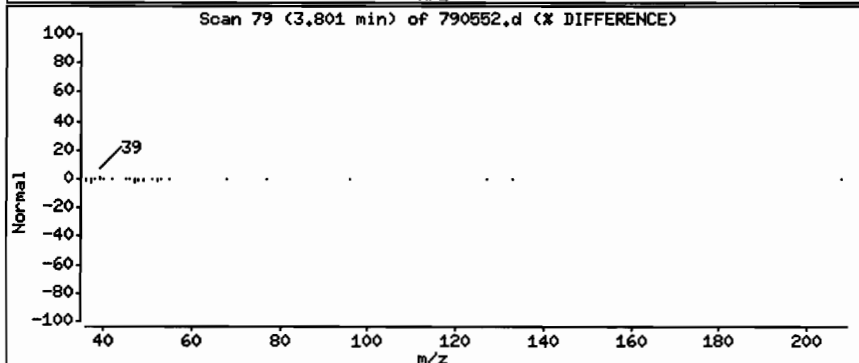
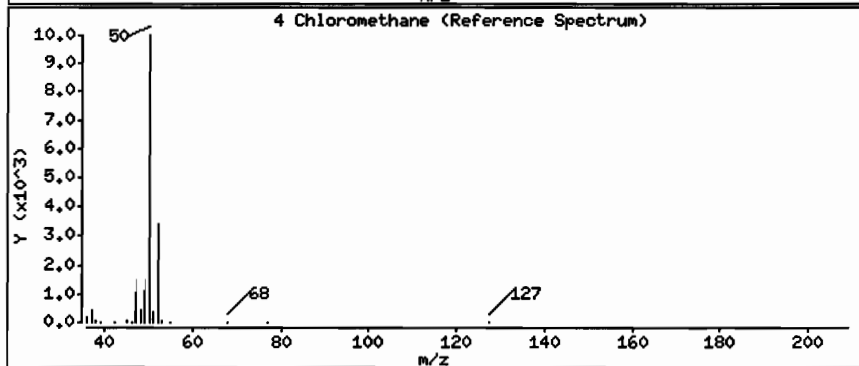
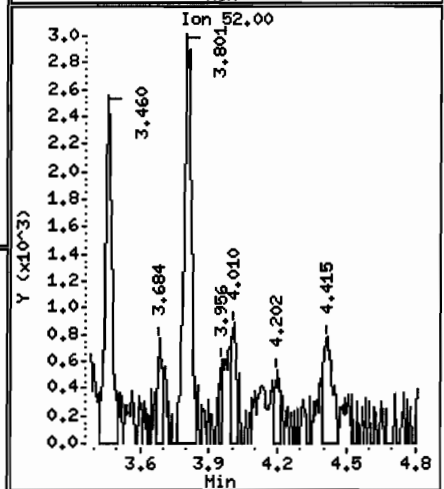
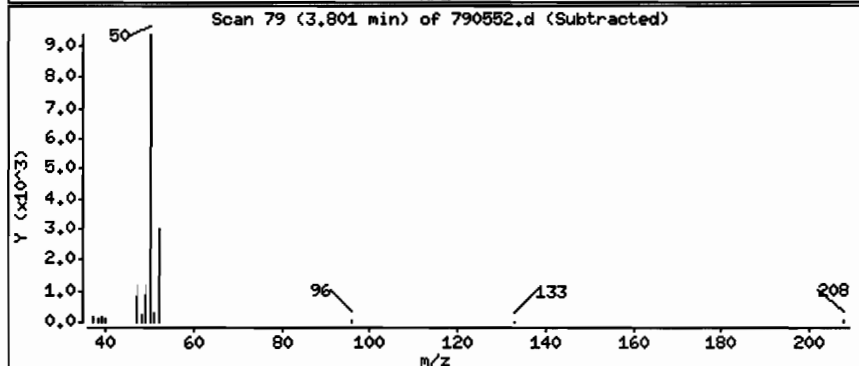
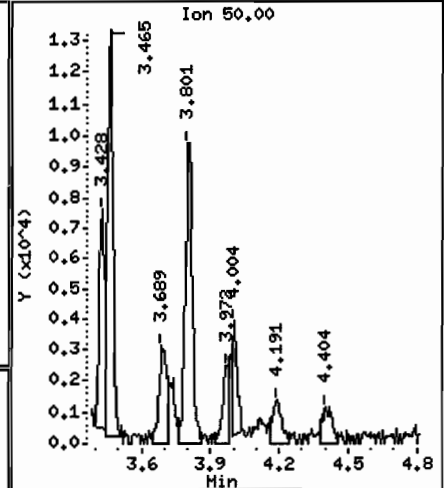
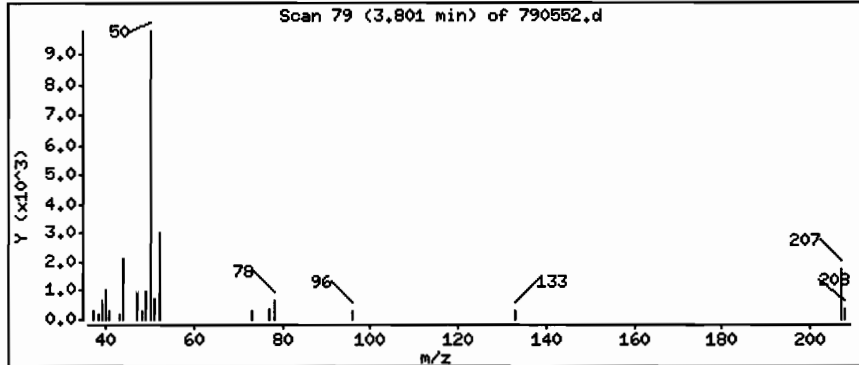
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

4 Chloromethane

Concentration: 0.73 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N :I 103/26/09 @1633(AIR)

Purge Volume: 200.0

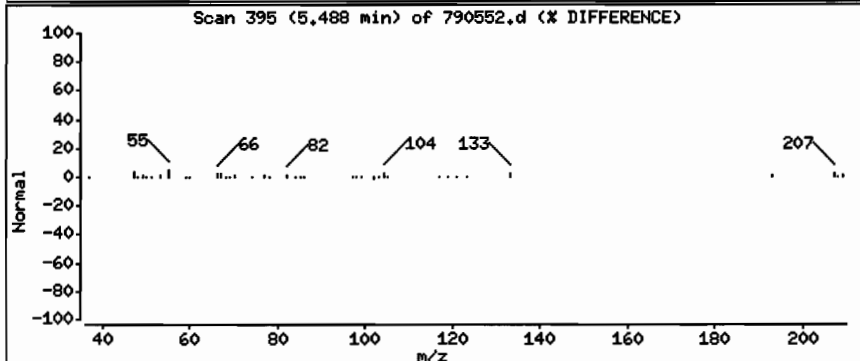
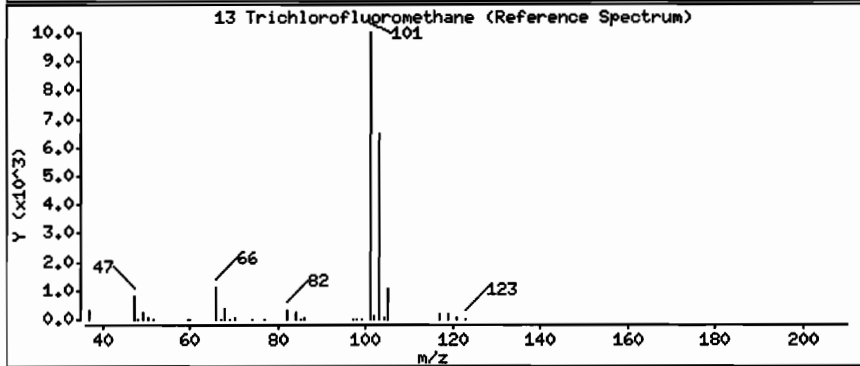
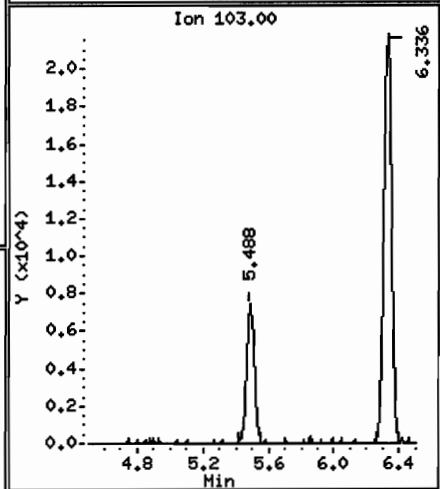
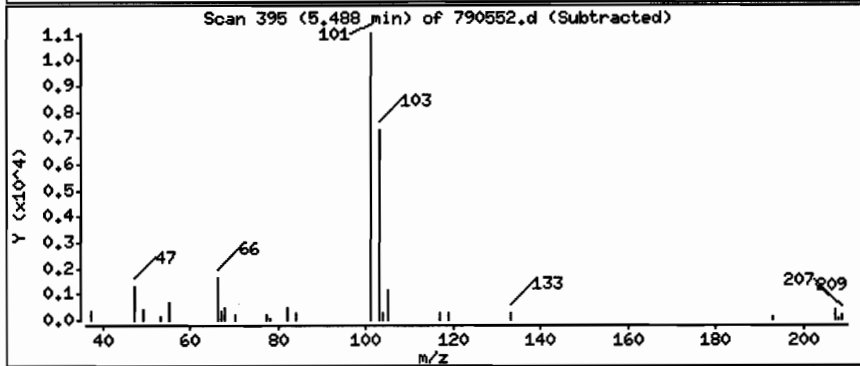
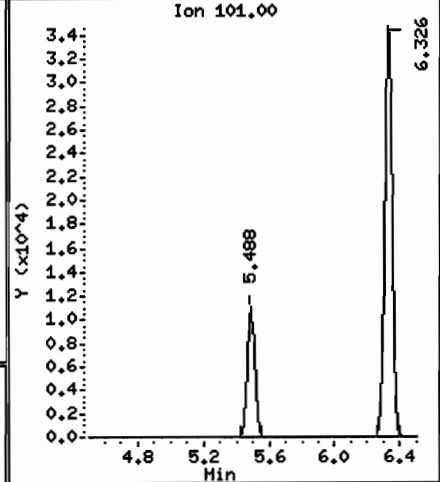
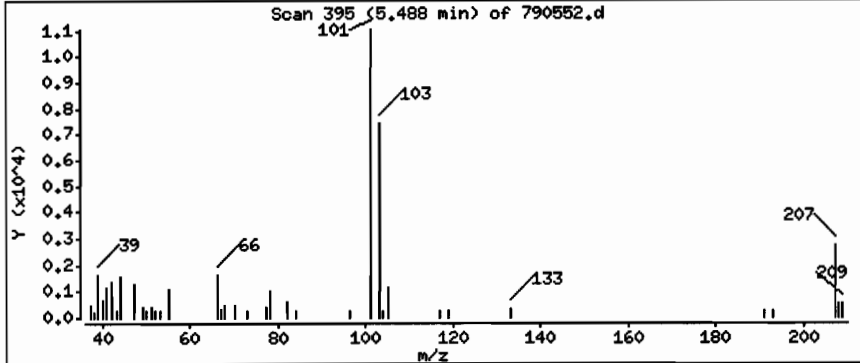
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

13 Trichlorofluoromethane

Concentration: 0.35 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

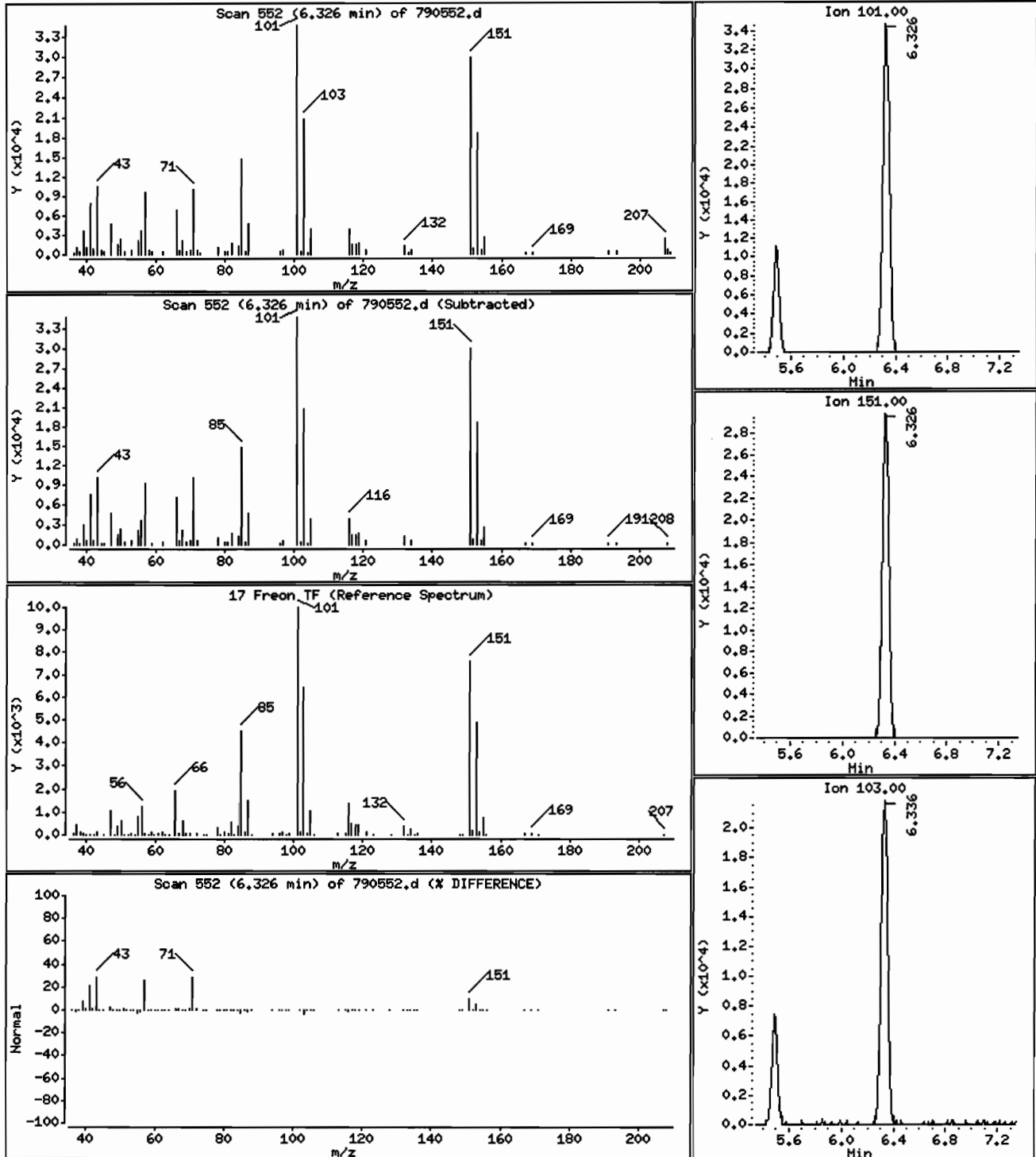
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

17 Freon TF

Concentration: 2.2 ppbv



Date : 31-HAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

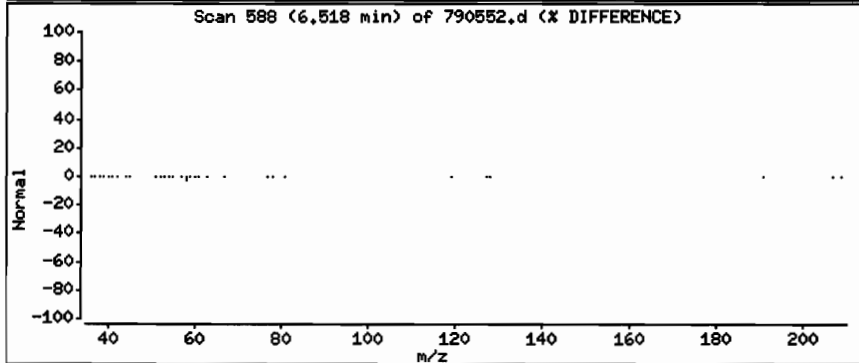
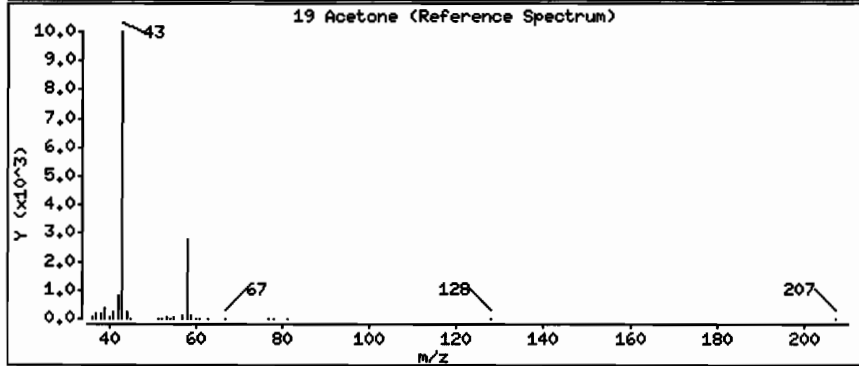
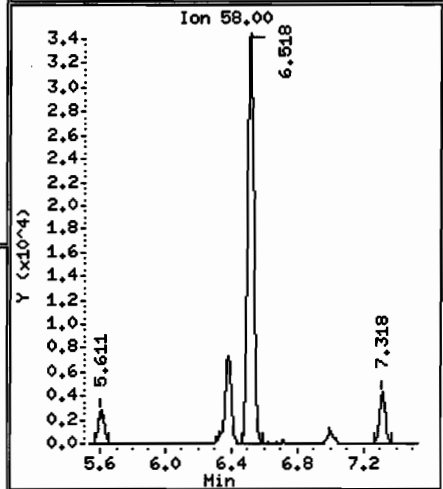
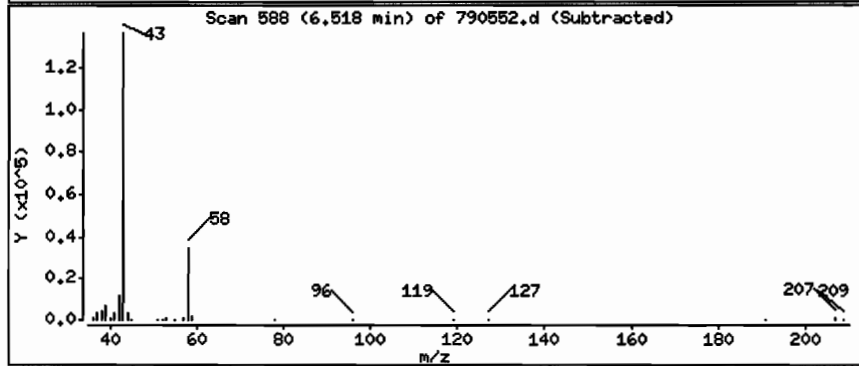
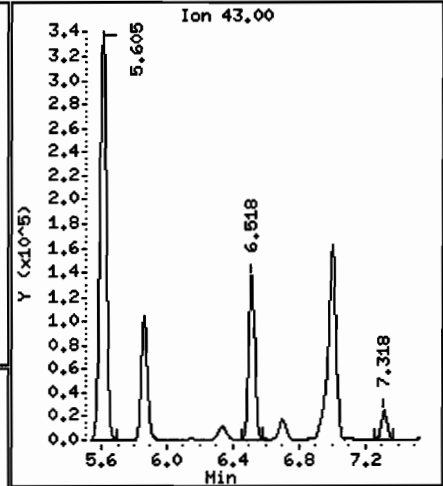
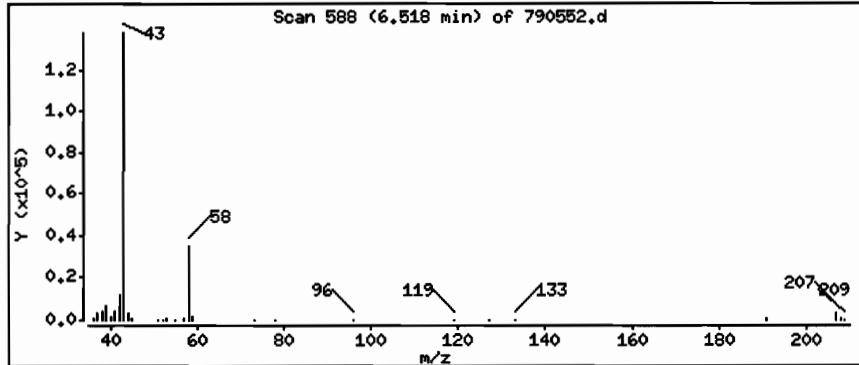
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

19 Acetone

Concentration: 8.4 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 01633(AIR)

Purge Volume: 200.0

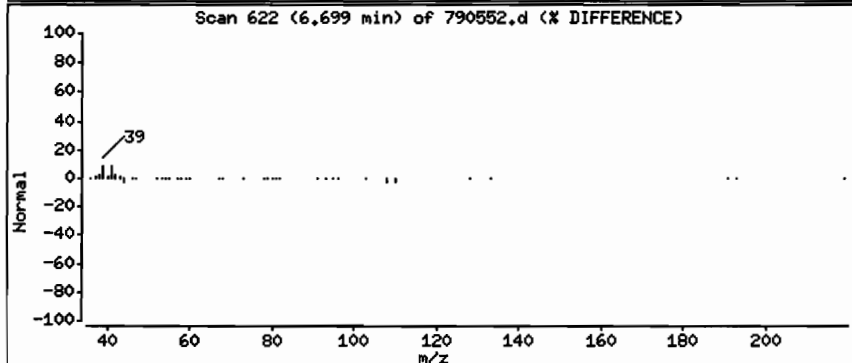
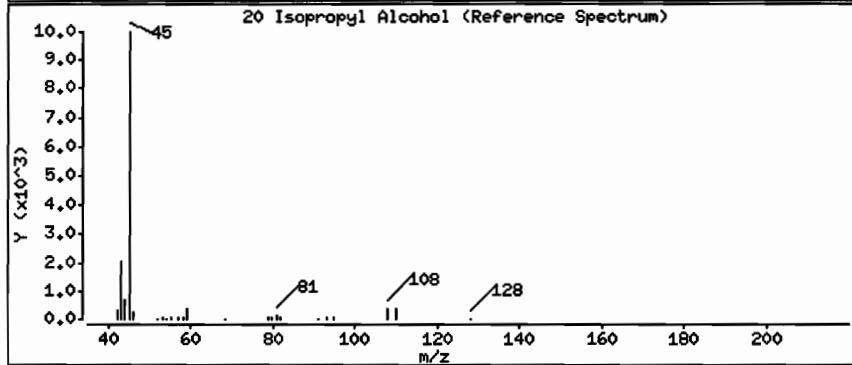
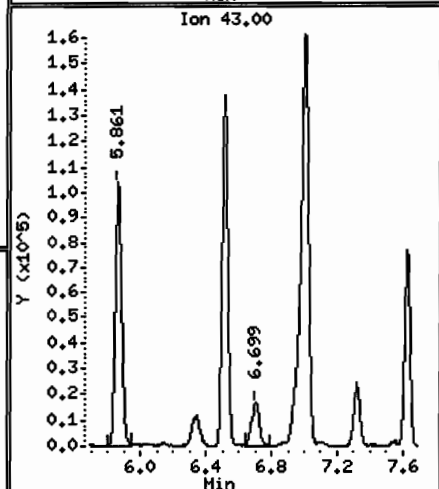
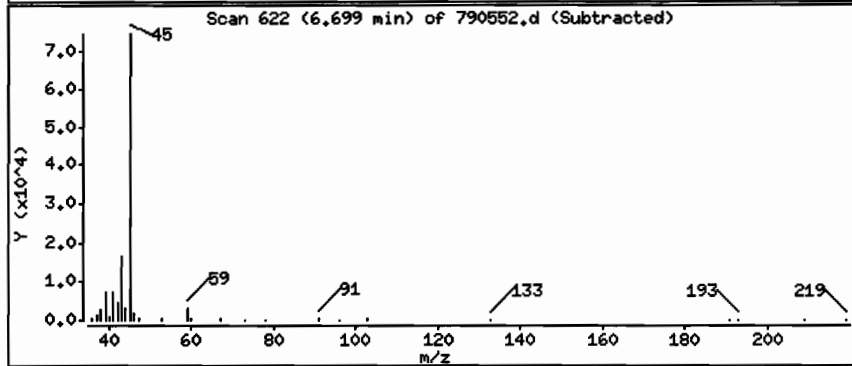
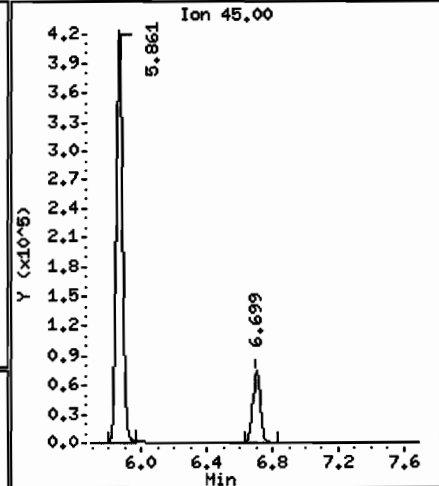
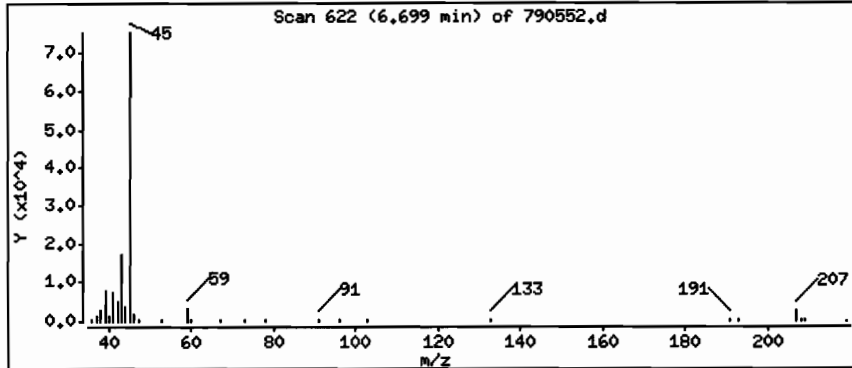
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

20 Isopropyl Alcohol

Concentration: 9.1 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

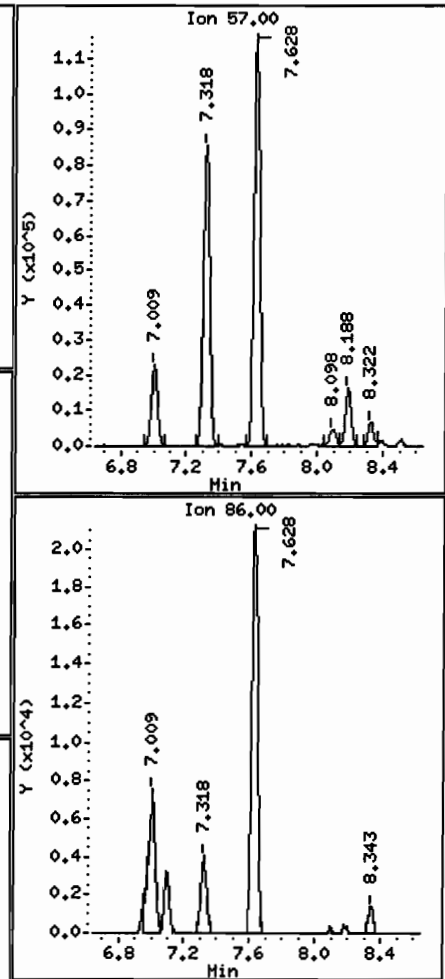
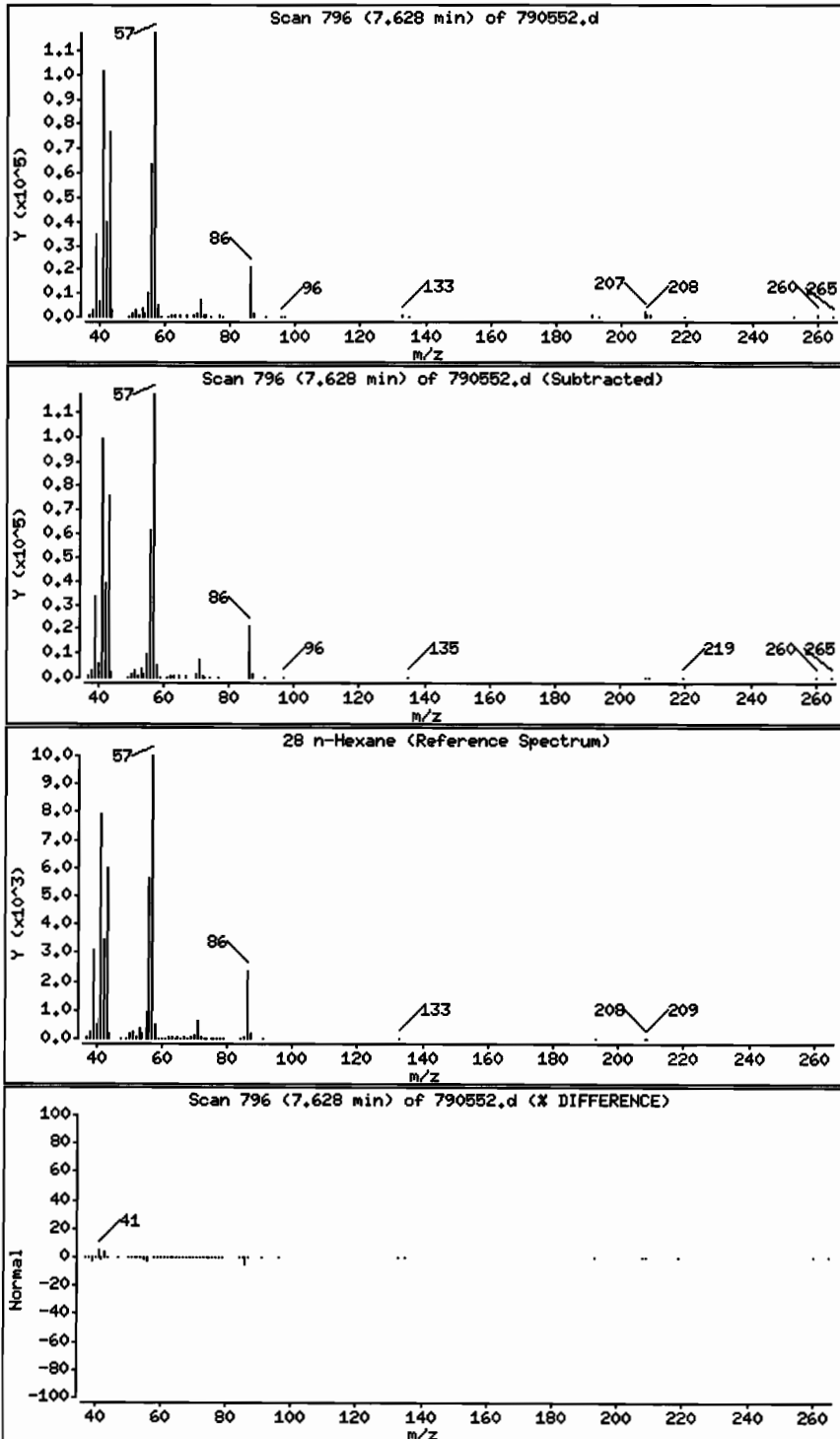
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

28 n-Hexane

Concentration: 6.7 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

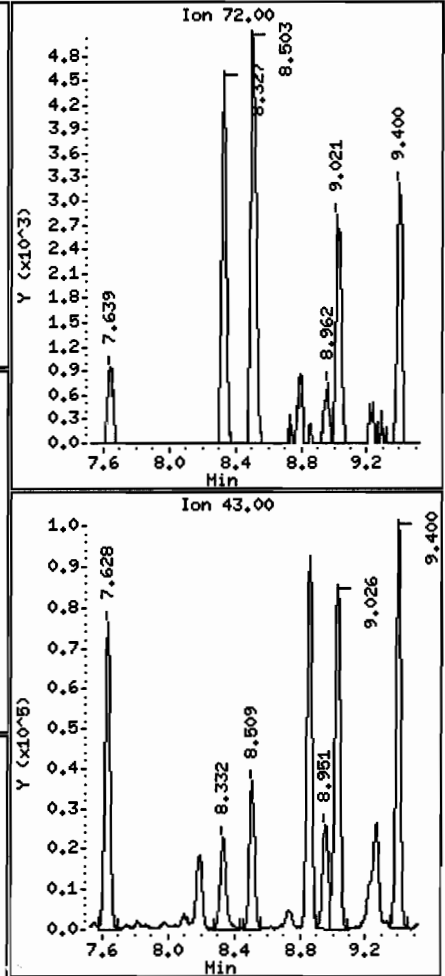
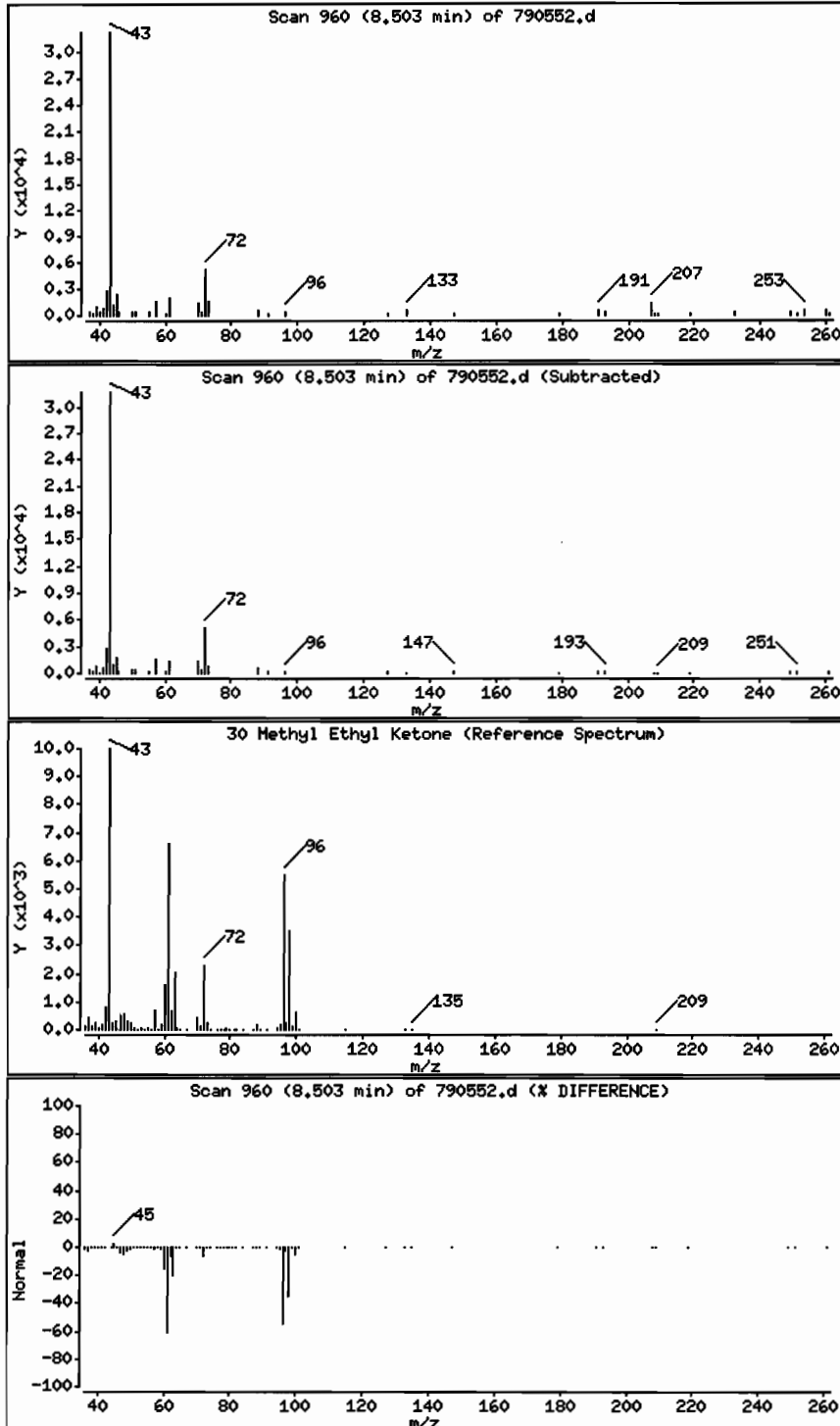
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

30 Methyl Ethyl Ketone

Concentration: 0.92 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

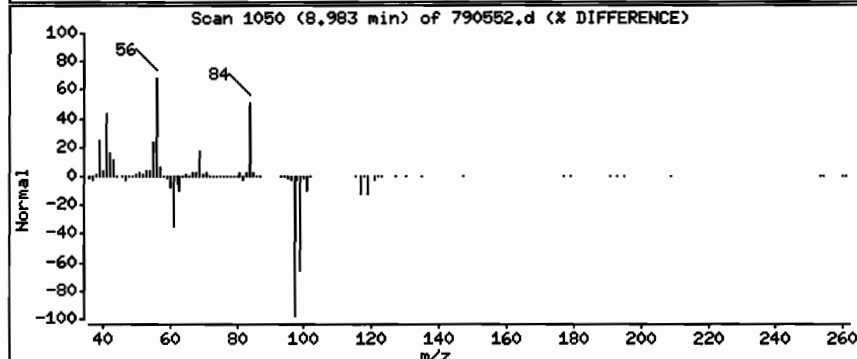
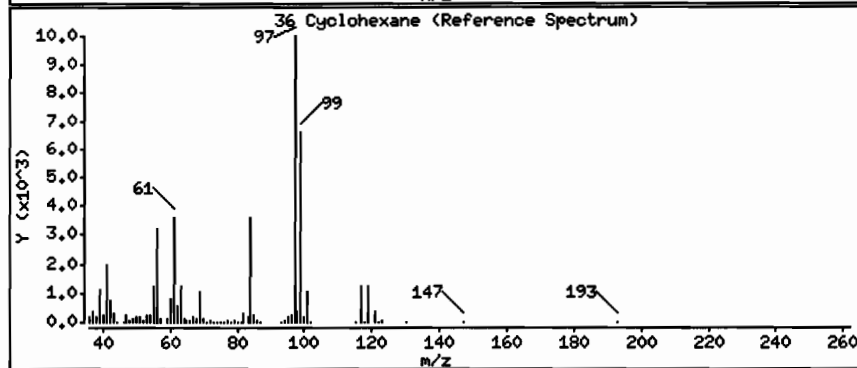
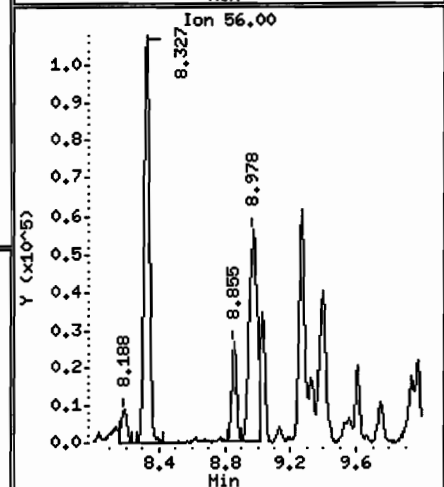
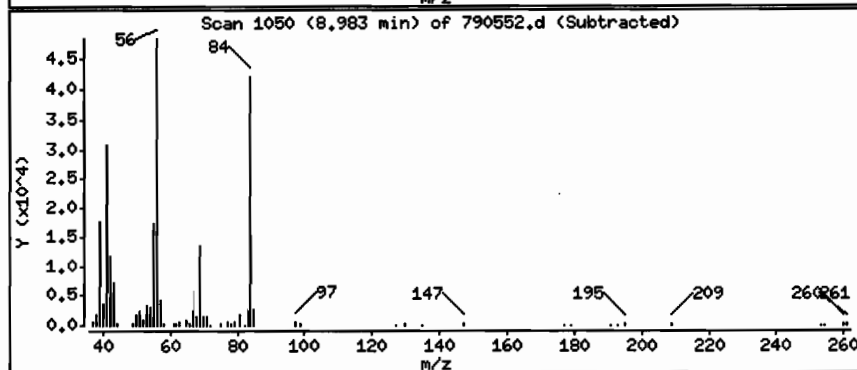
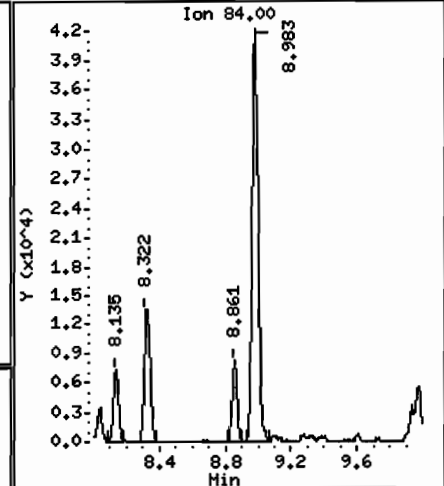
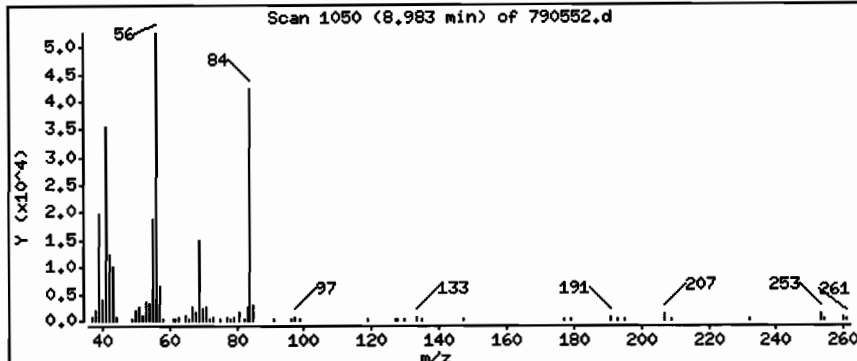
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

36 Cyclohexane

Concentration: 2.3 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N :I 103/26/09 @1633(AIR)

Purge Volume: 200.0

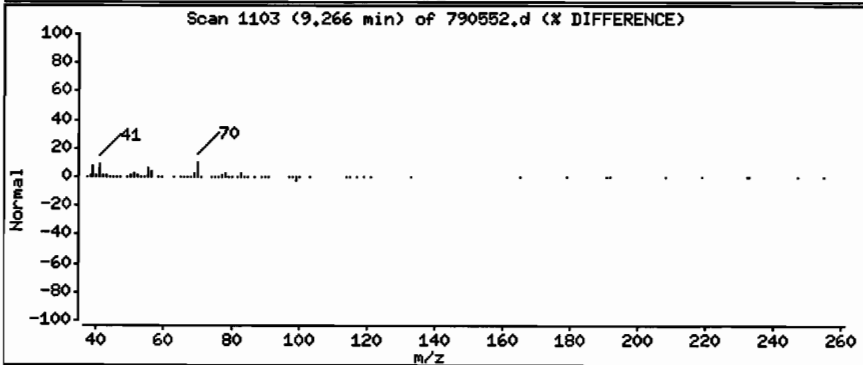
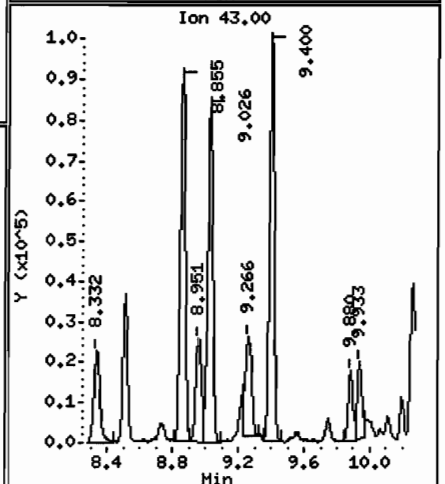
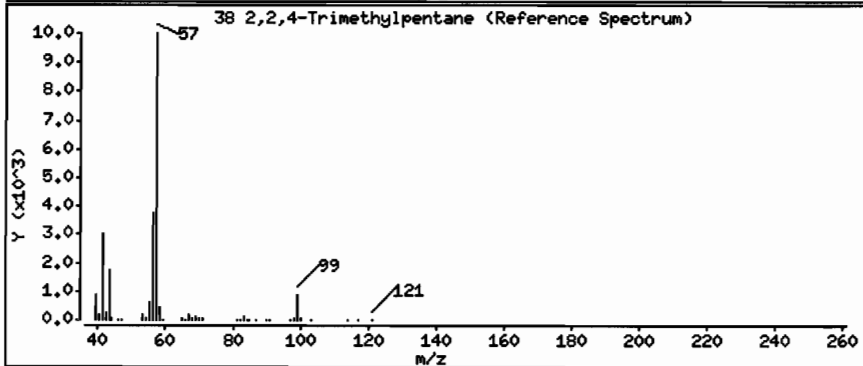
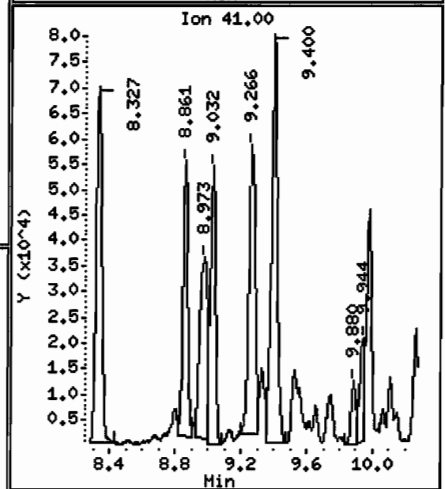
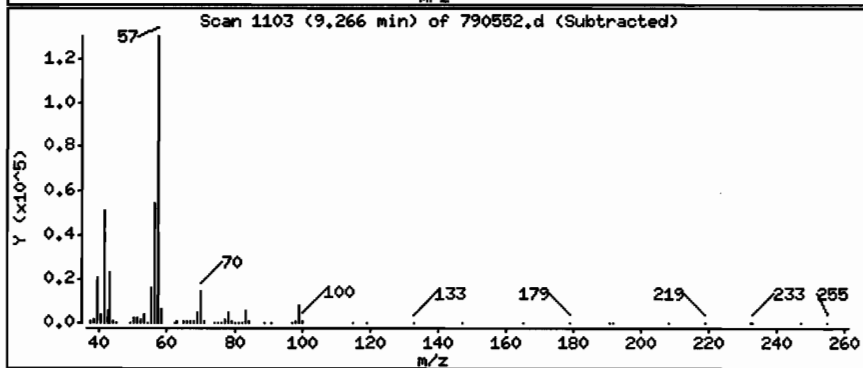
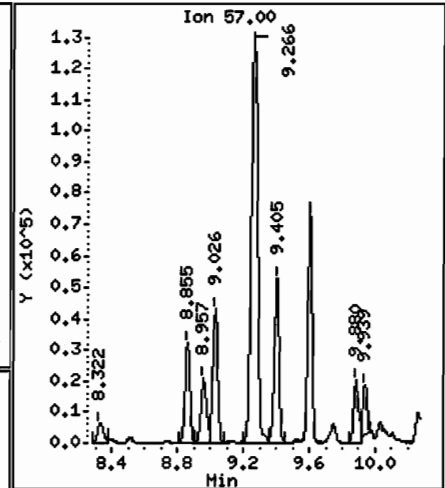
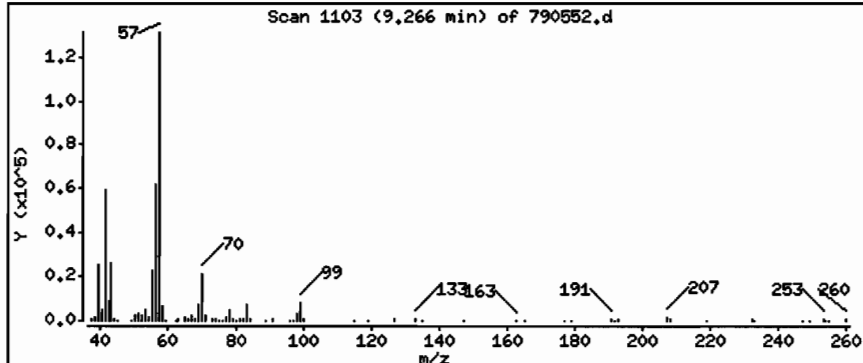
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

38 2,2,4-Trimethylpentane

Concentration: 2.3 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N :[J03/26/09 @1633(AIR)

Purge Volume: 200.0

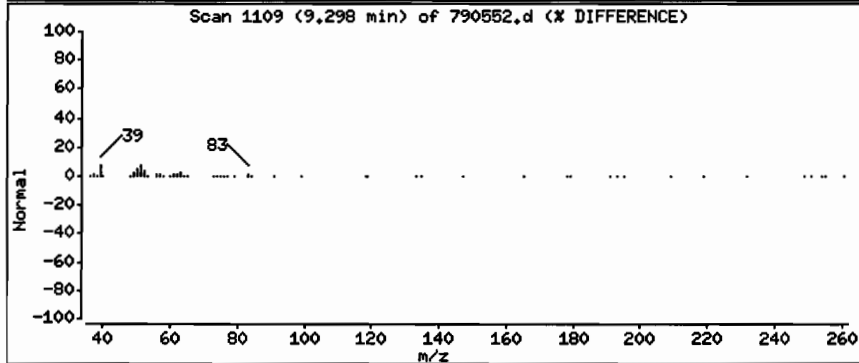
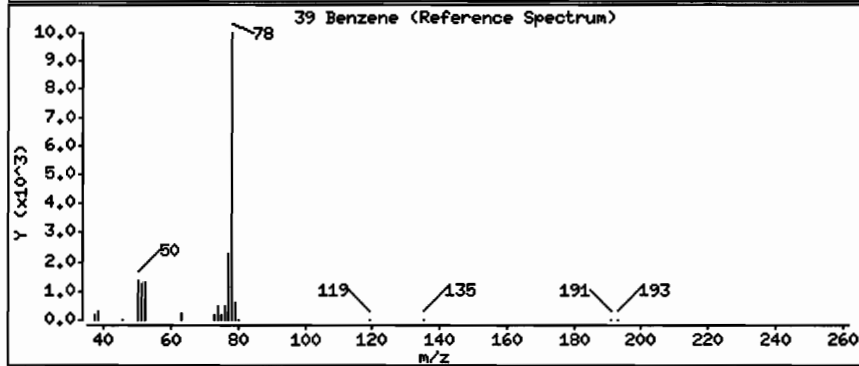
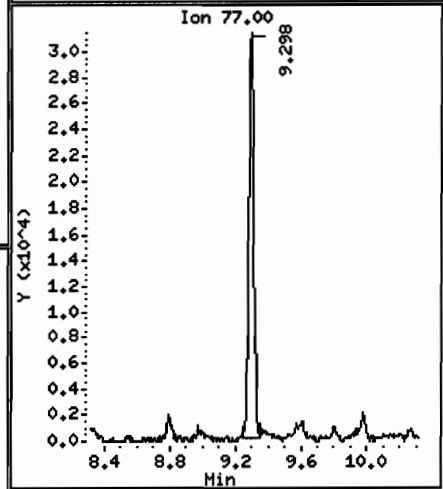
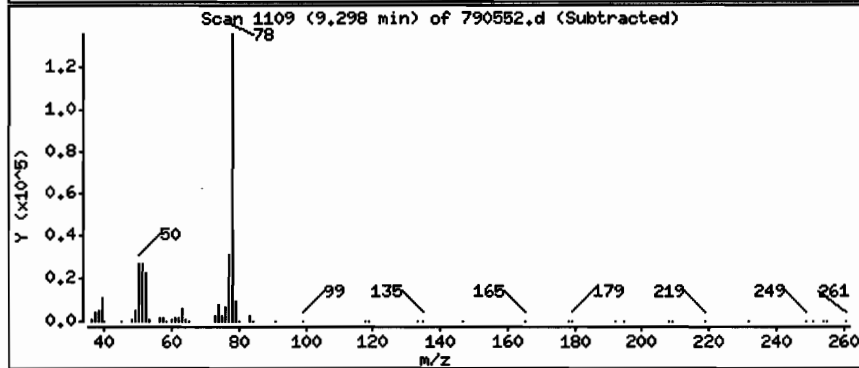
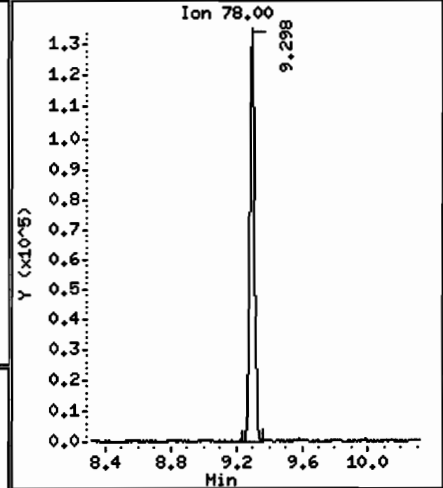
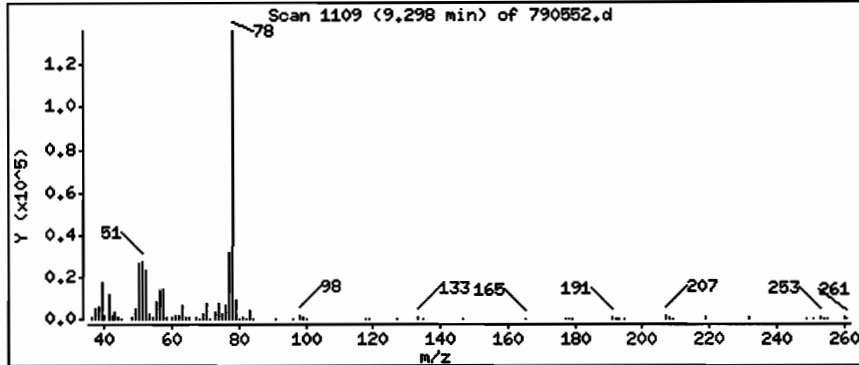
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

39 Benzene

Concentration: 2.9 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

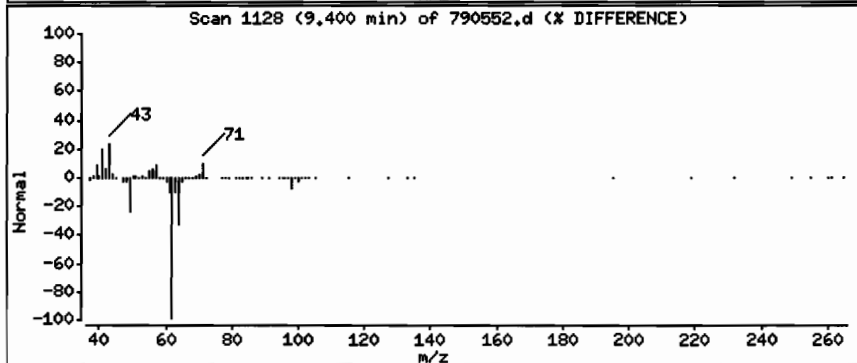
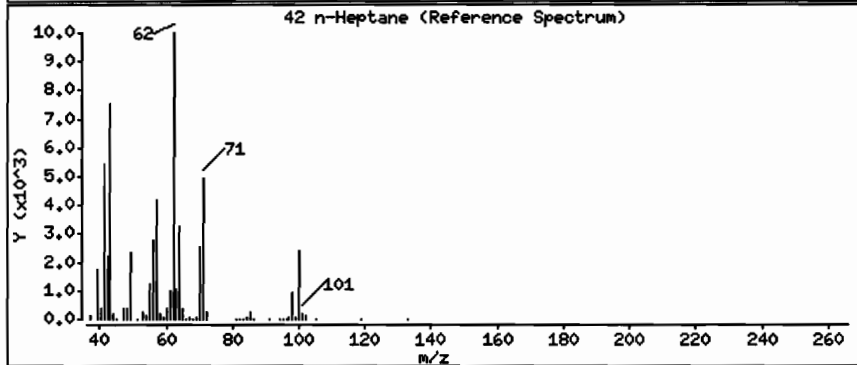
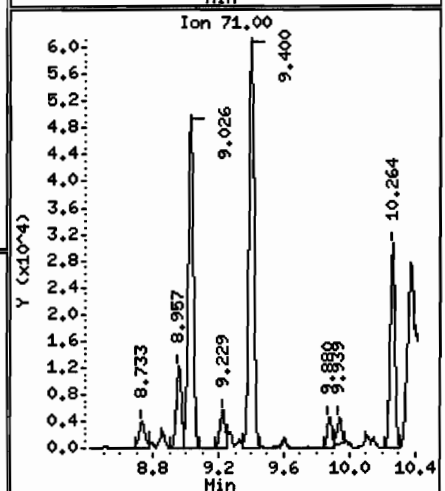
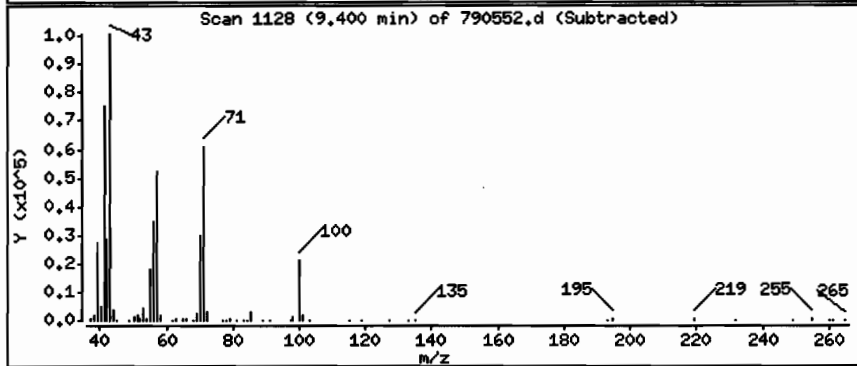
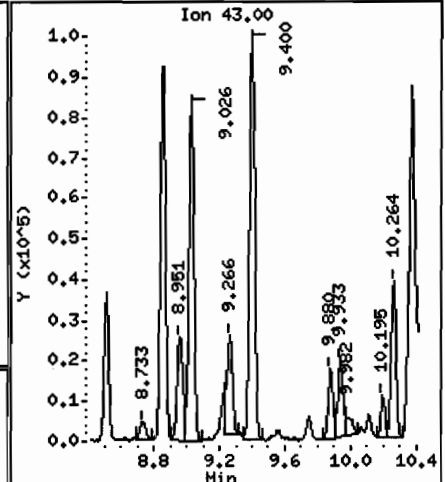
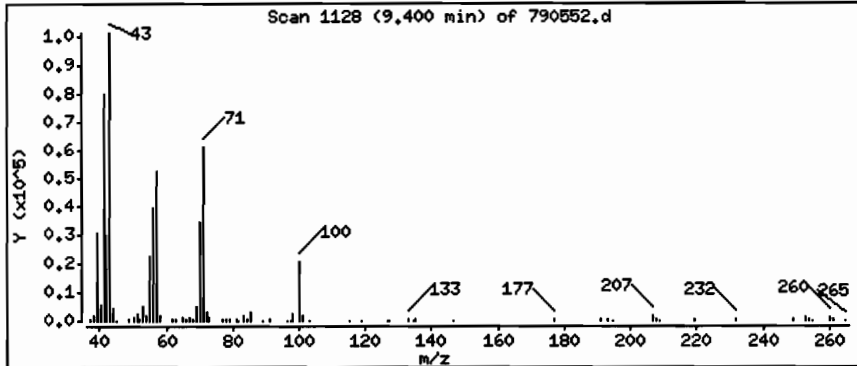
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

42 n-Heptane

Concentration: 3.7 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

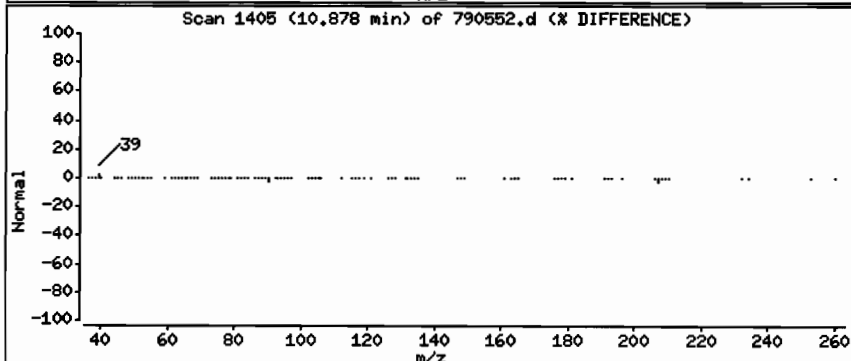
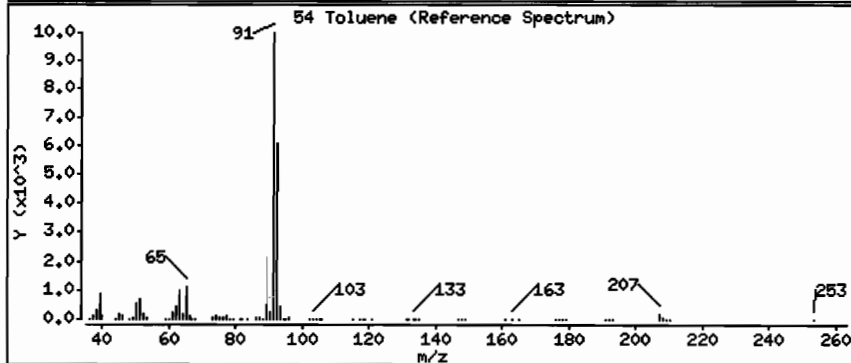
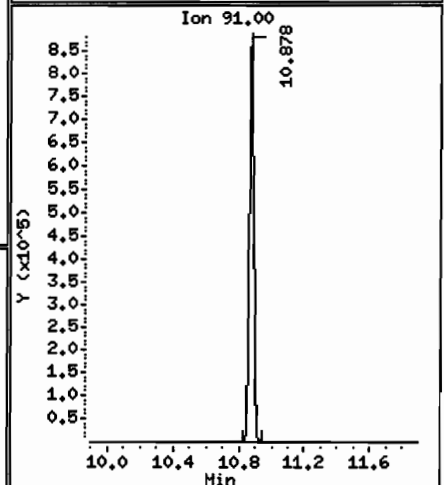
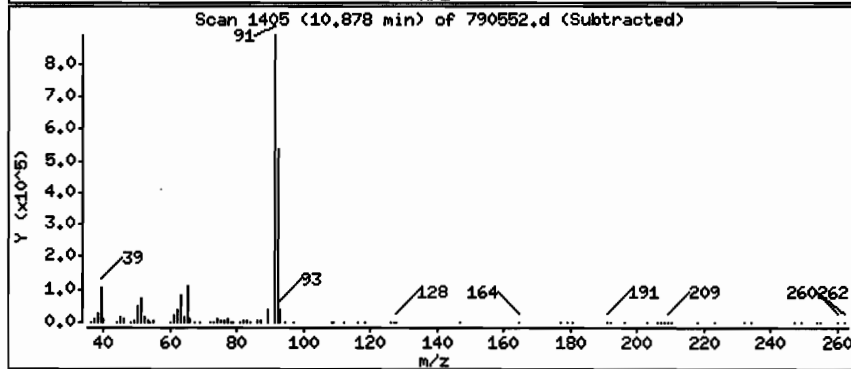
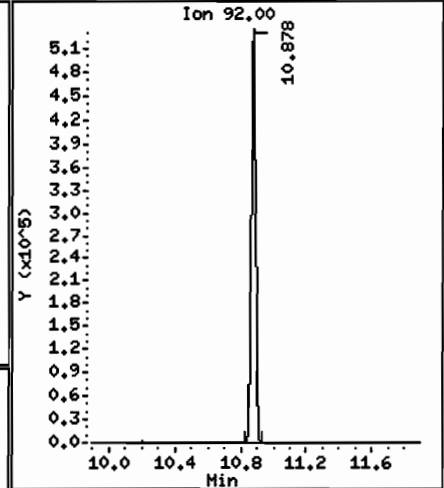
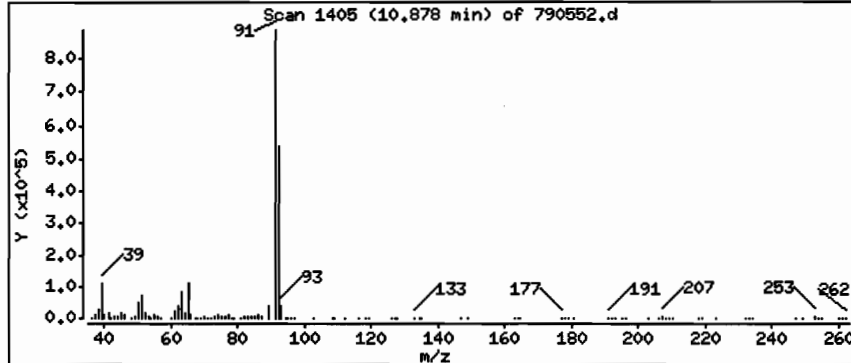
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

54 Toluene

Concentration: 15 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ; [103/26/09 @1633(AIR)

Purge Volume: 200.0

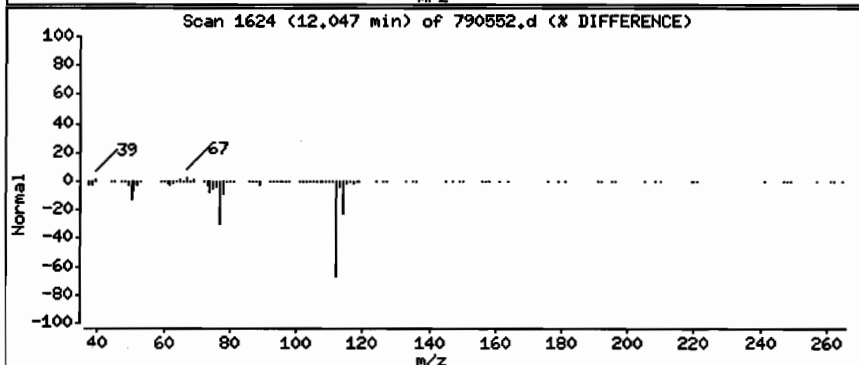
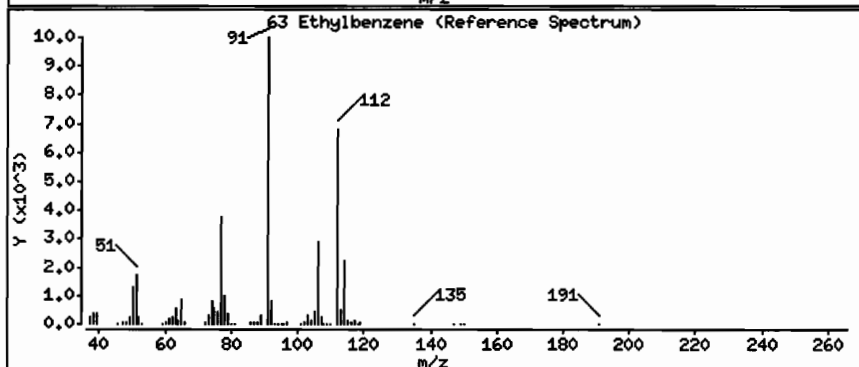
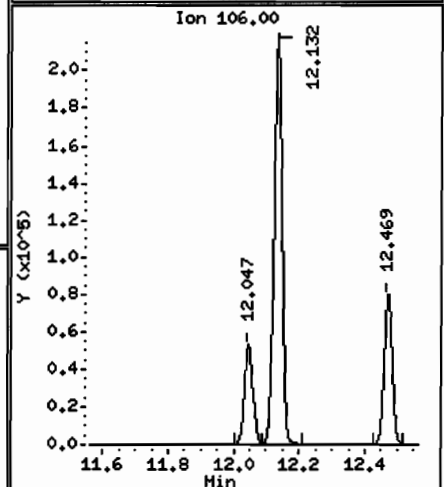
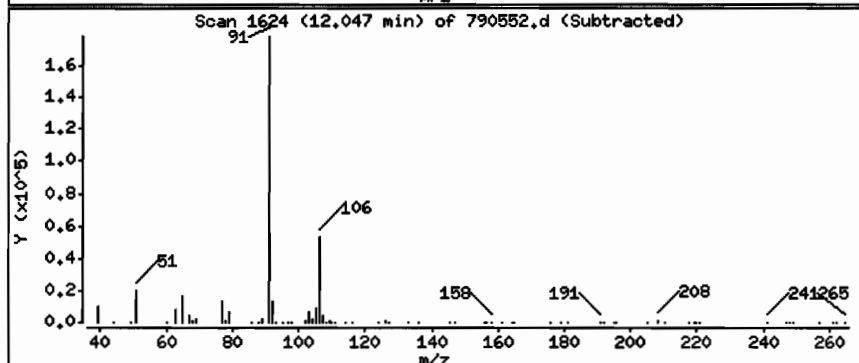
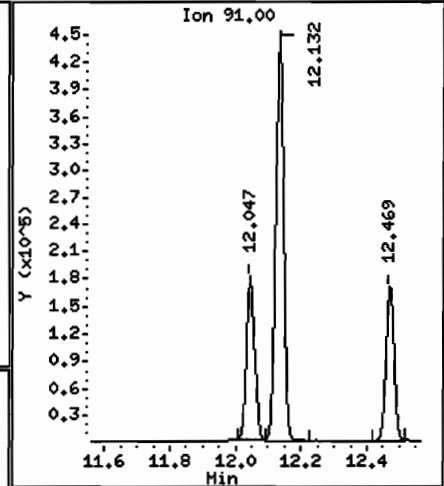
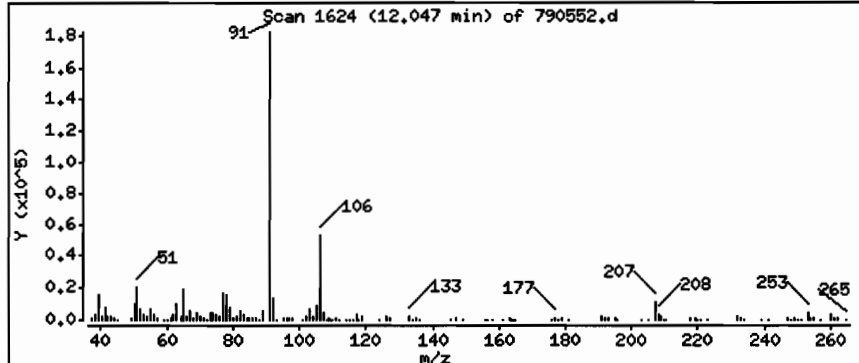
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

63 Ethylbenzene

Concentration: 2.3 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N : [103/26/09 @1633(AIR)

Purge Volume: 200.0

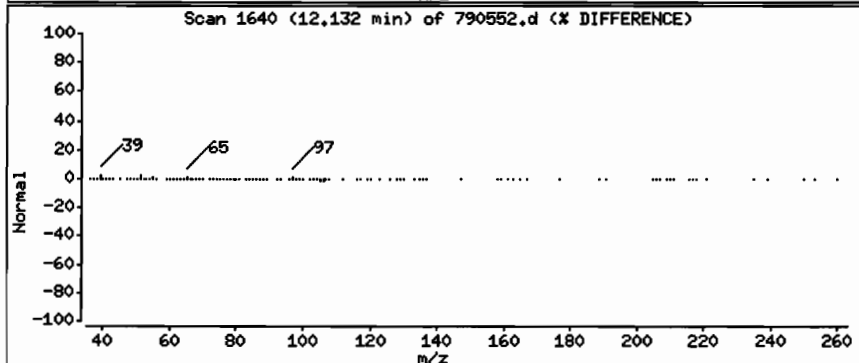
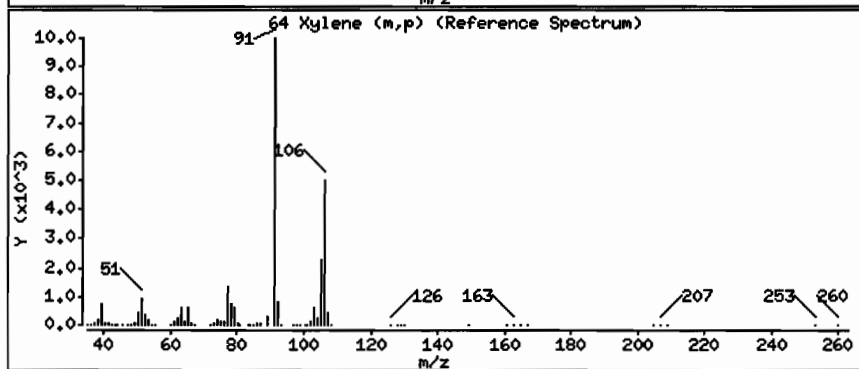
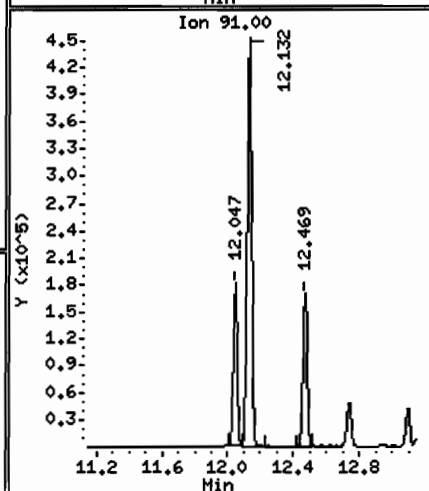
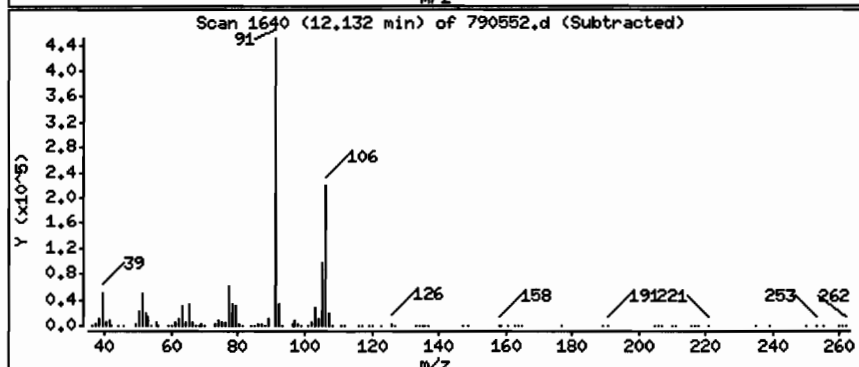
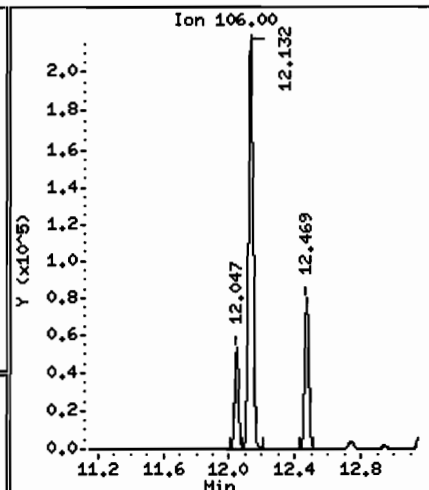
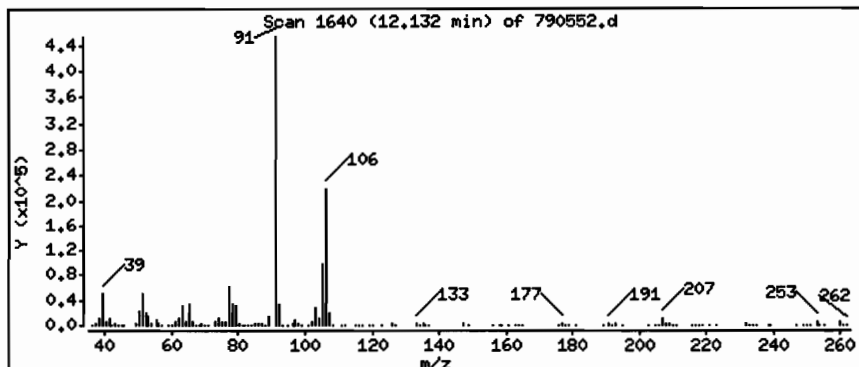
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

64 Xylene (m,p)

Concentration: 7.6 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

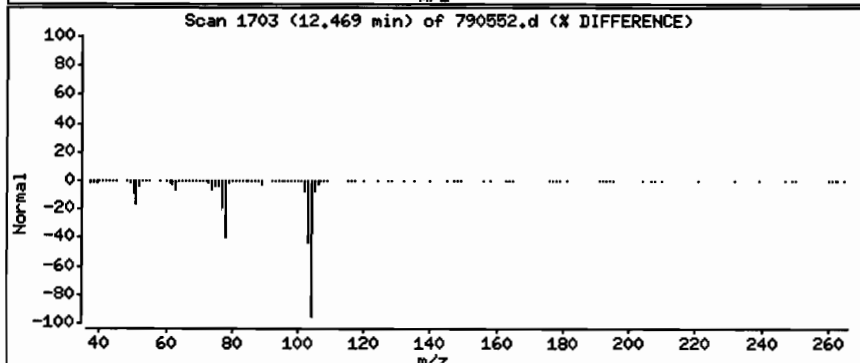
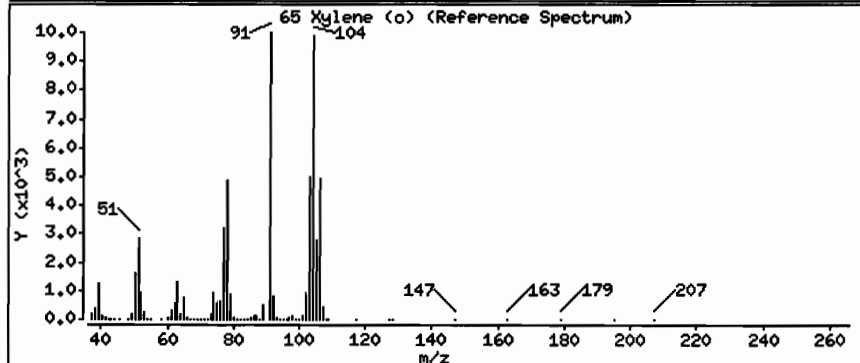
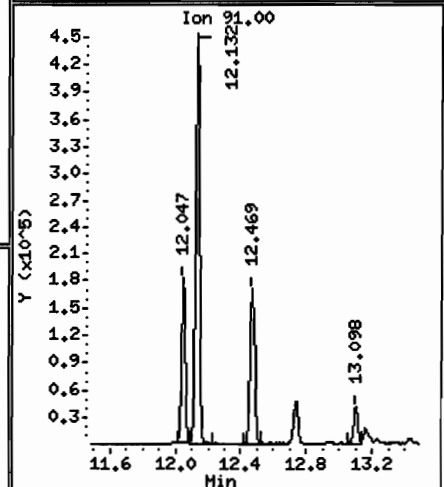
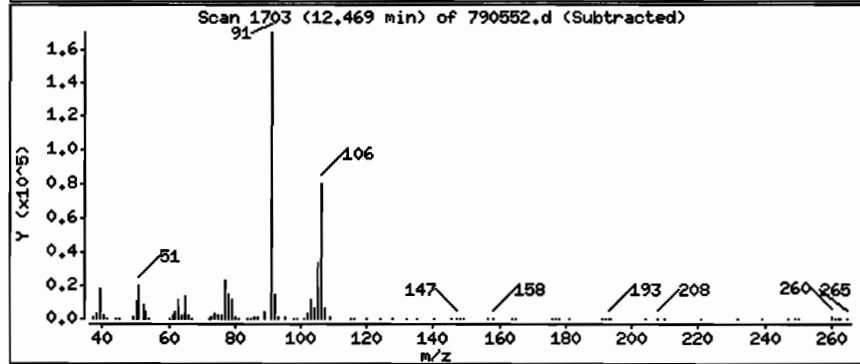
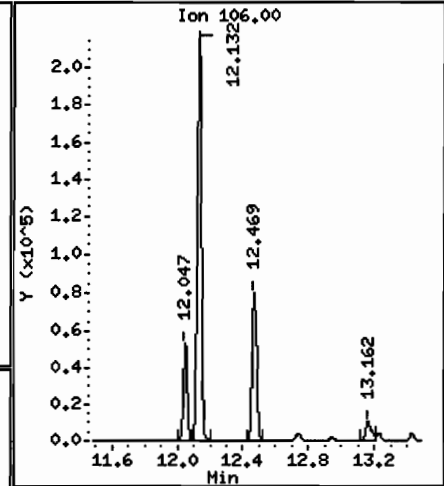
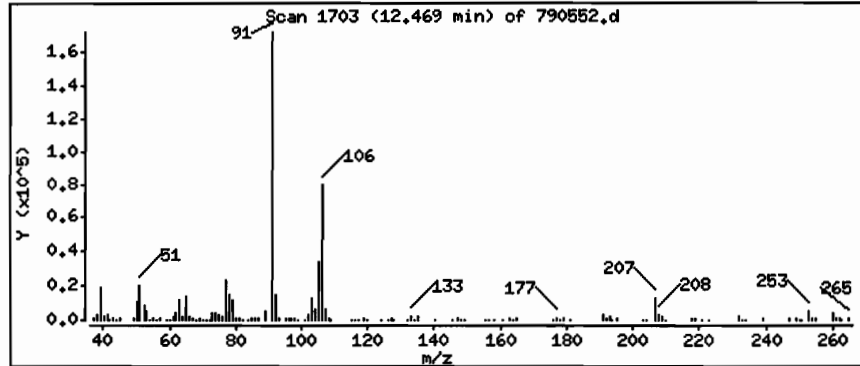
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

65 Xylene (o)

Concentration: 2.9 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[J03/26/09 @1633(AIR)

Purge Volume: 200.0

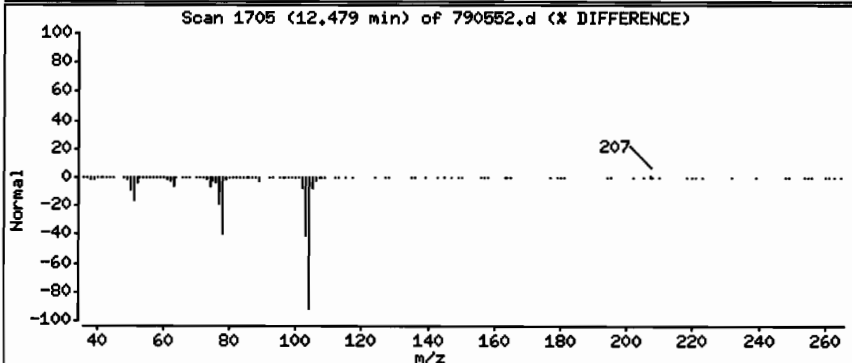
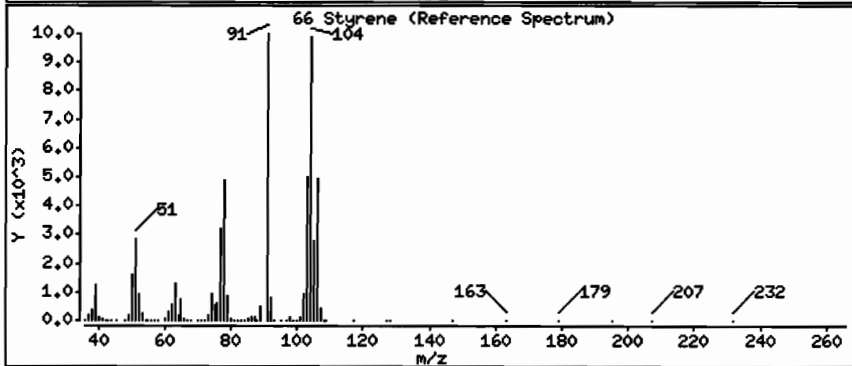
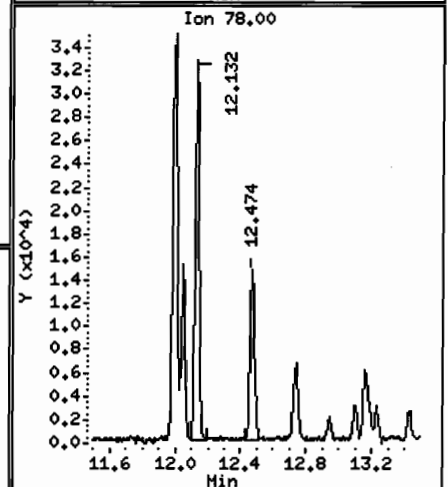
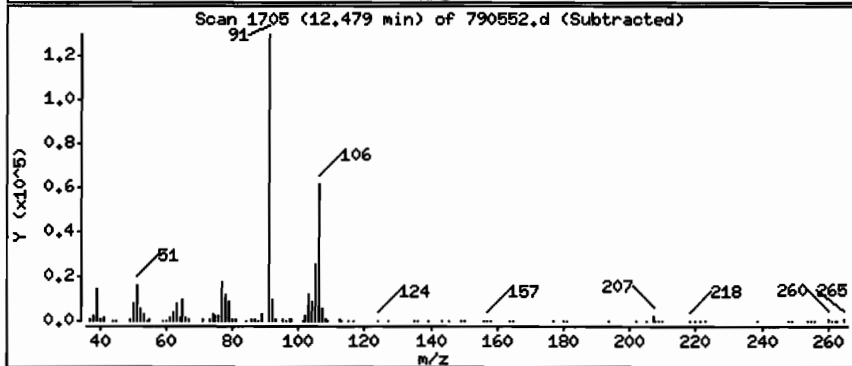
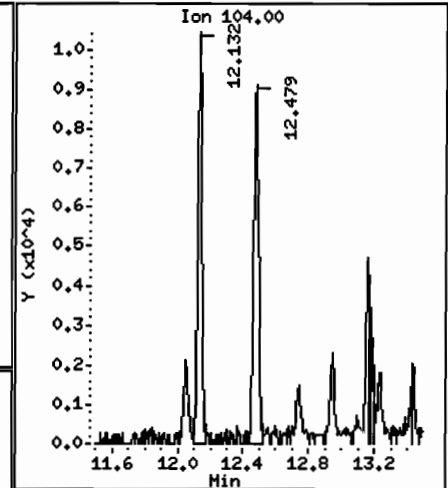
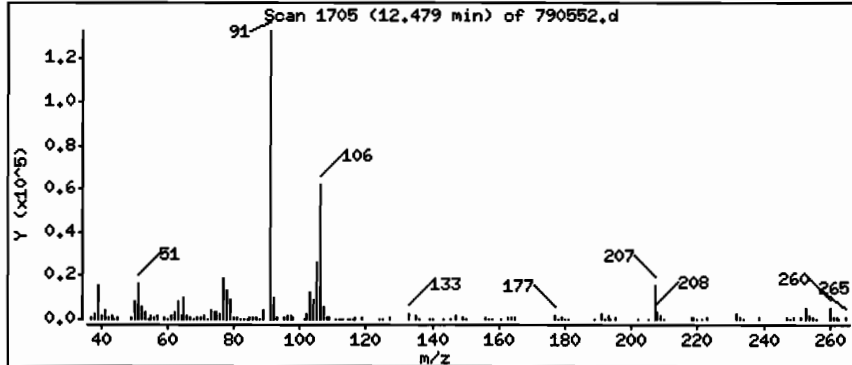
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

66 Styrene

Concentration: 0.26 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

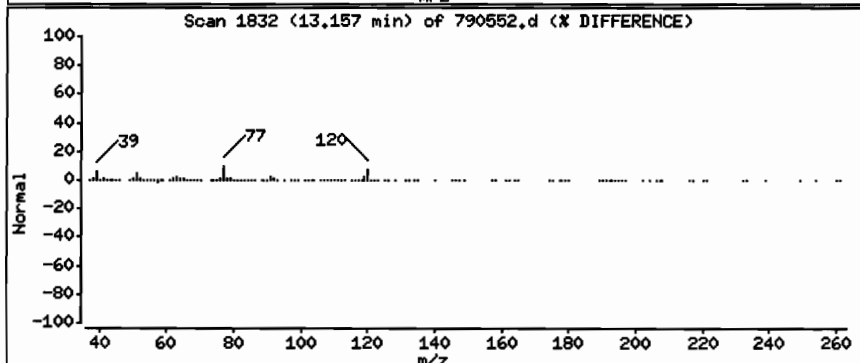
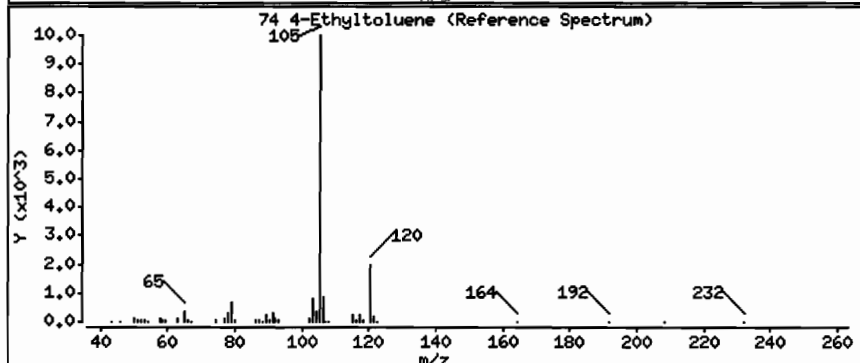
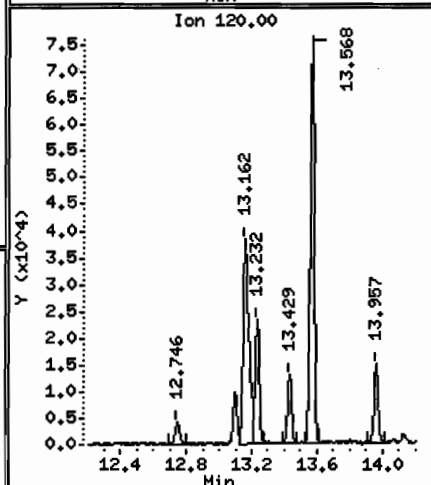
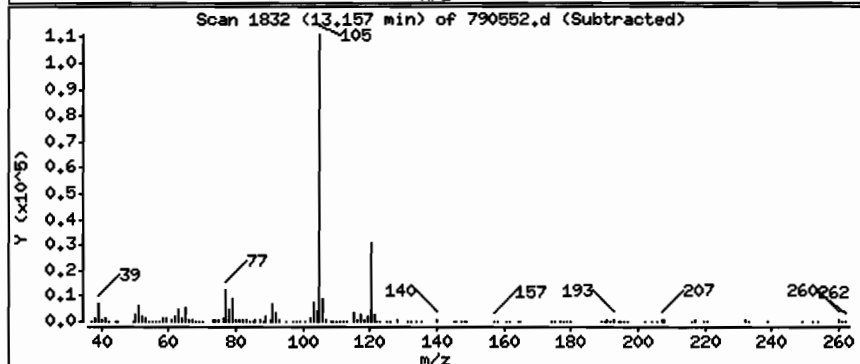
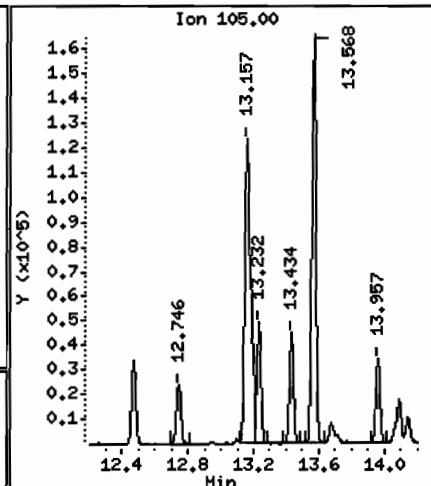
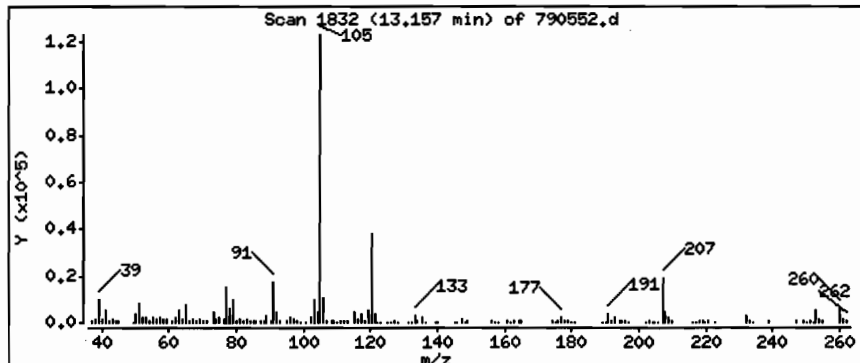
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

74 4-Ethyltoluene

Concentration: 2.3 ppbv



Date : 31-MAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

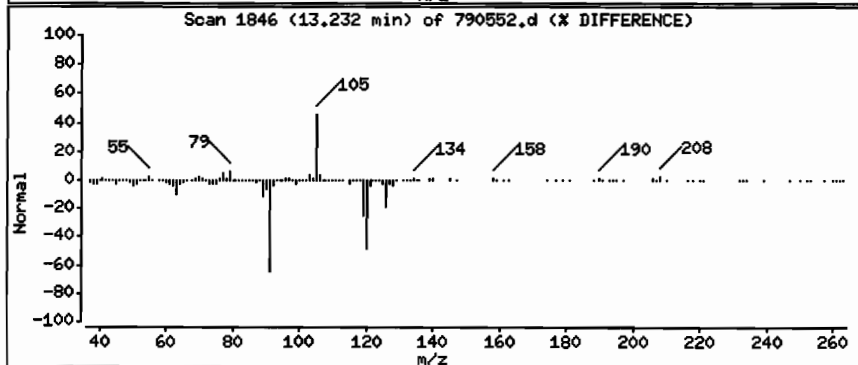
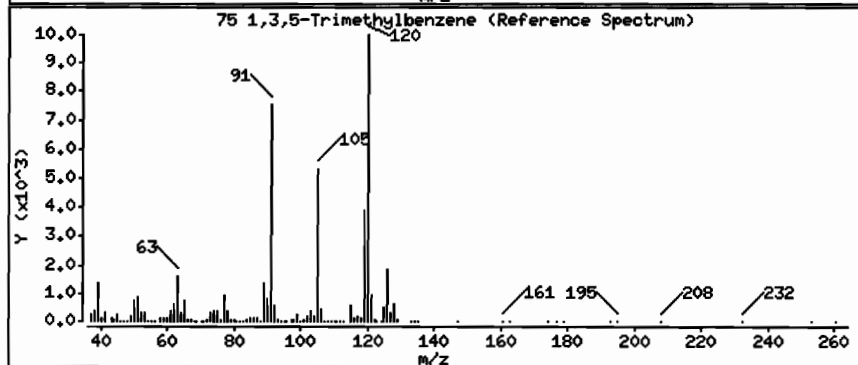
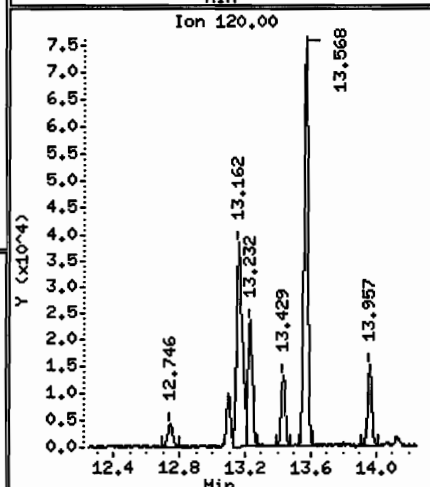
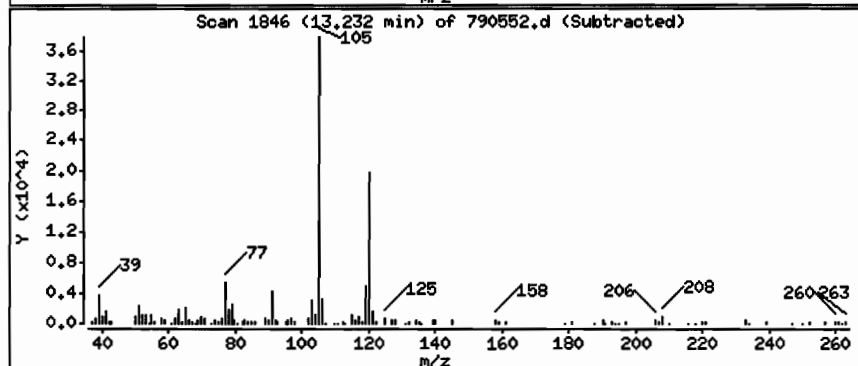
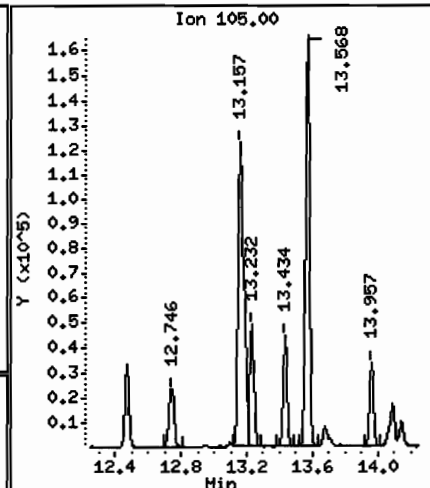
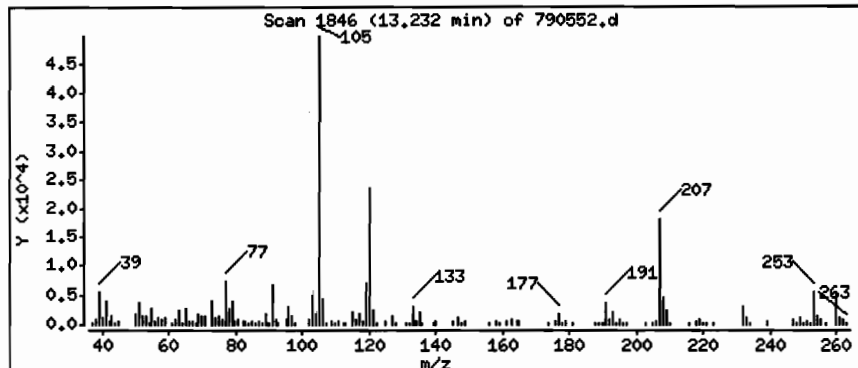
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

75 1,3,5-Trimethylbenzene

Concentration: 0.76 ppbv



Date : 31-HAR-2009 12:27

Client ID: 0326H-FF-02N

Instrument: C.i

Sample Info: 20090326H-FF-02N ;[103/26/09 @1633(AIR)

Purge Volume: 200.0

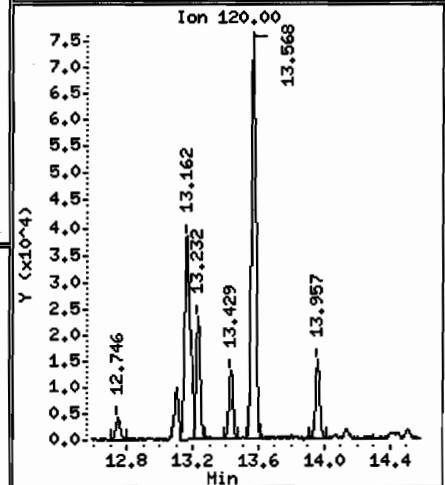
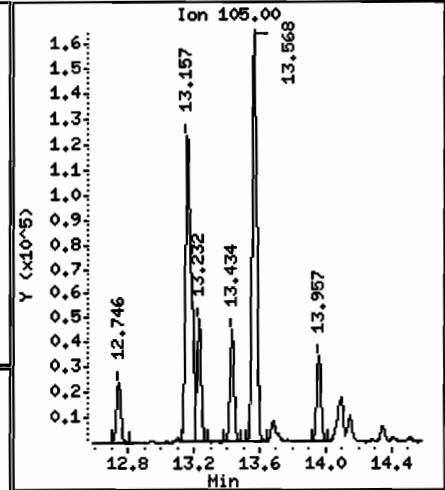
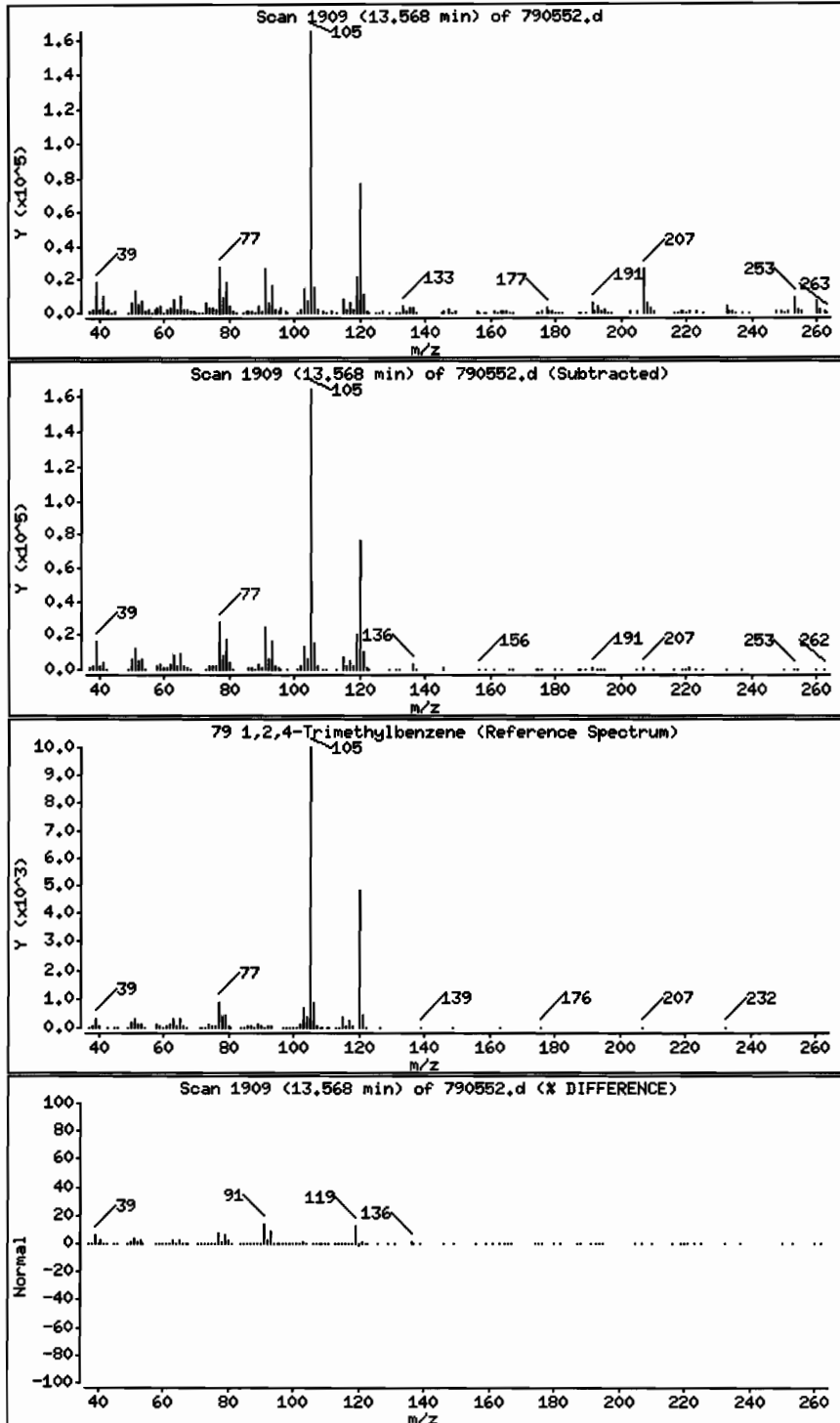
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

79 1,2,4-Trimethylbenzene

Concentration: 2.6 ppbv



MANUAL INTEGRATION REPORT

Data File Name: 790552.d

Inj. Date and Time: 31-MAR-2009 12:27

Target Version: Target 3.50

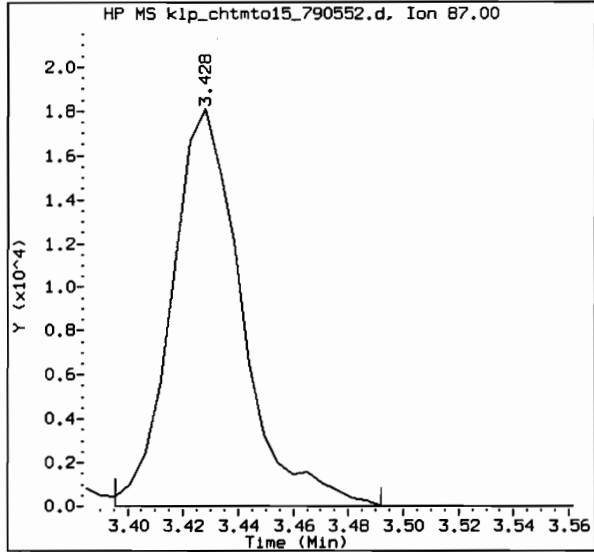
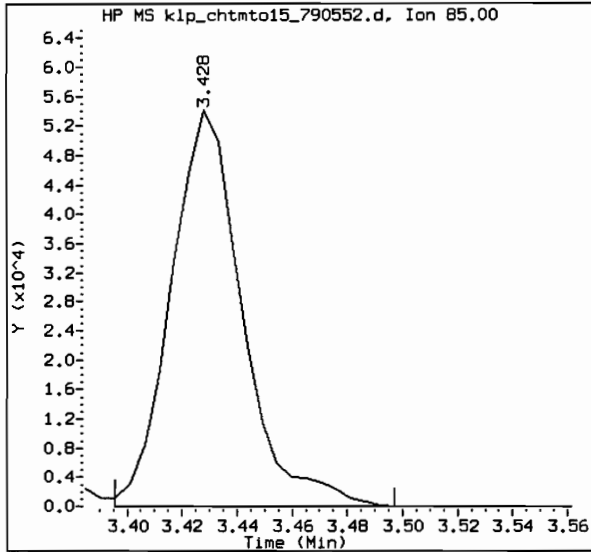
Client Sample ID: 0326H-FF-02N

Instrument ID: C.i

Report Version: 1.1

Compound Name: Dichlorodifluoromethane CAS #: 75-71-8

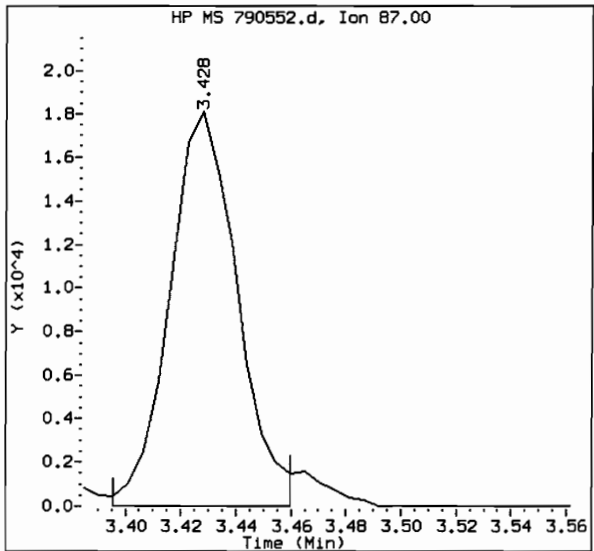
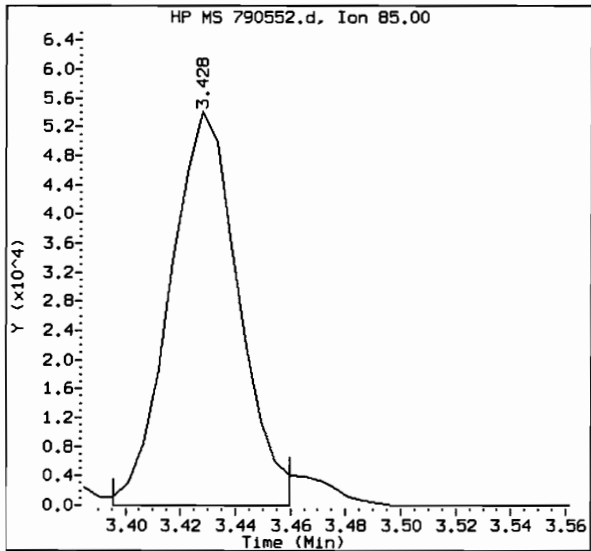
Report Date: 04/21/2009 21:20



Original Integrations:

Area = 97712

Area = 32054



Final Integrations:

Area = 94063

Area = 30741

Manual Integration Reason: M11 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-FF-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790553

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790553

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.87	
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
74-87-3	Chloromethane	0.66	
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	0.38	
76-13-1	Freon TF	1.3	
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	6.6	
67-63-0	Isopropyl Alcohol	6.2	
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	4.5	
75-34-3	1,1-Dichloroethane	0.20	U
78-93-3	Methyl Ethyl Ketone	0.83	
156-59-2	cis-1,2-Dichloroethene	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
67-66-3	Chloroform	0.31	
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	1.2	
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	1.4	
71-43-2	Benzene	1.8	
540-59-0	1,2-Dichloroethene (total)	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	1.7	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-FF-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790553

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790553

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	7.7	
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	1.0	
1330-20-7	Xylene (m,p)	3.3	
95-47-6	Xylene (o)	1.2	
100-42-5	Styrene	0.24	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
1330-20-7	Xylene (total)	4.5	
622-96-8	4-Ethyltoluene	0.93	
108-67-8	1,3,5-Trimethylbenzene	0.32	
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	1.1	
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-FF-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790553

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790553

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

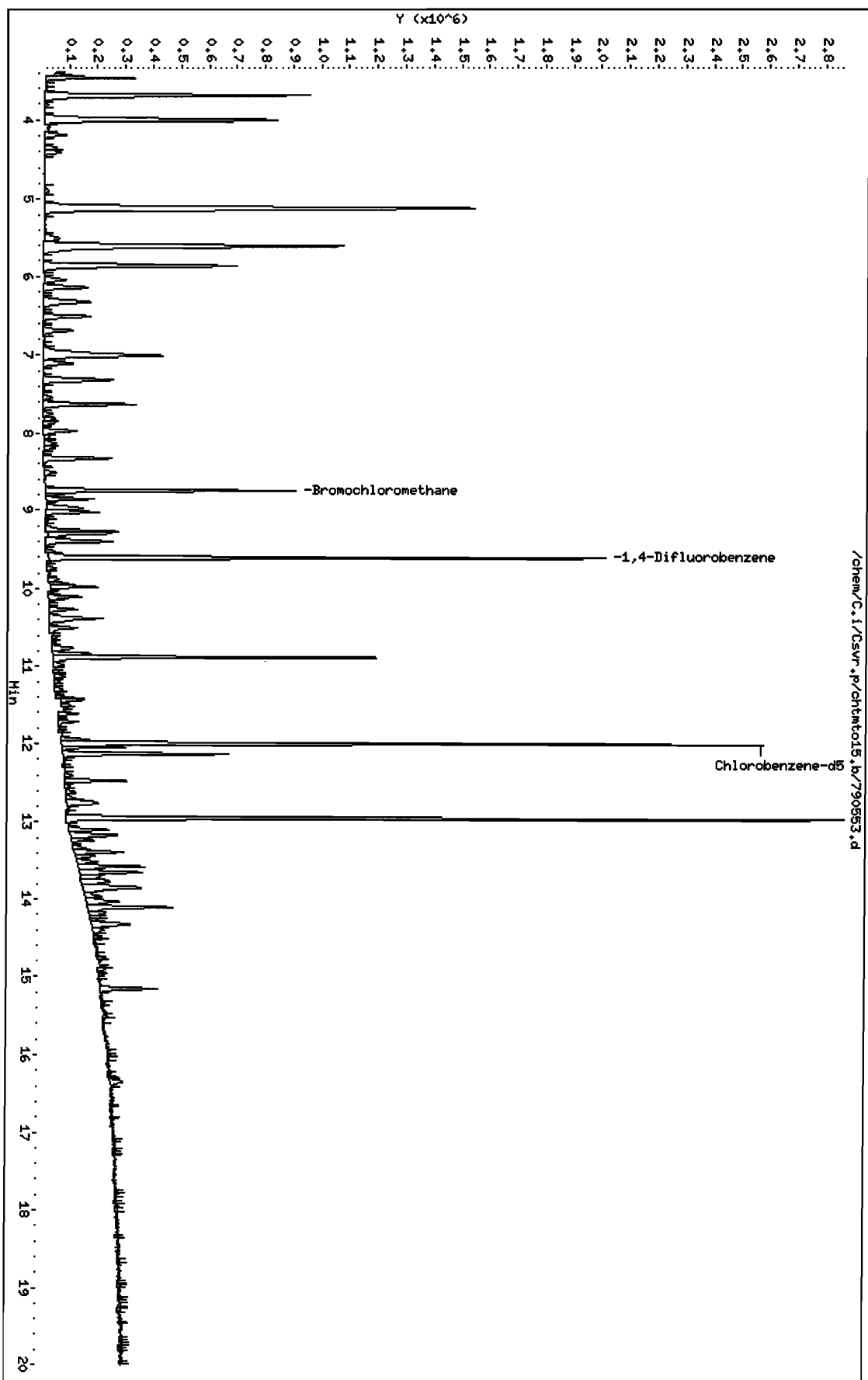
CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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28.				
29.				
30.				

FORM I VOA-TIC

Data File: /chem/C.i/Csvr.p/chntot015.b/790553.d
Date: 31-MAR-2009 14:00
Client ID: 0326H-FE-03N
Sample Info: 20090326H-FE-03N : [103/26/09 01655(AIR)]
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790553.d
 Lab Smp Id: 790553 Client Smp ID: 0326H-FF-03N
 Inj Date : 31-MAR-2009 14:00
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-FF-03N :[]03/26/09 @1655(AIR)
 Misc Info : 790553;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.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 (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.428	3.433	(0.392)	85529	0.87064	0.87
3 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
4 Chloromethane	50	3.807	3.812	(0.435)	18949	0.65512	0.66
6 Vinyl Chloride	62	Compound Not Detected.					
7 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.488	5.504	(0.628)	35262	0.37697	0.38
17 Freon TF	101	6.331	6.347	(0.724)	66955	1.31503	1.3 (M)
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.518	6.534	(0.745)	258529	6.59122	6.6
20 Isopropyl Alcohol	45	6.694	6.689	(0.766)	157330	6.18328	6.2
21 Carbon Disulfide	76	Compound Not Detected.					
22 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
24 Methylene Chloride	49				Compound Not Detected.		
25 tert-Butyl Alcohol	59				Compound Not Detected.		
26 Methyl tert-Butyl Ether	73				Compound Not Detected.		
27 trans-1,2-Dichloroethene	61				Compound Not Detected.		
28 n-Hexane	57	7.628	7.644	(0.872)	175861	4.47676	4.5
29 1,1-Dichloroethane	63				Compound Not Detected.		
30 Methyl Ethyl Ketone	72	8.514	8.525	(0.974)	9358	0.82823	0.83(Q)
31 cis-1,2-Dichloroethene	96				Compound Not Detected.		
* 32 Bromochloromethane	128	8.743	8.765	(1.000)	243455	10.0000	(Q)
33 Tetrahydrofuran	42				Compound Not Detected.		
34 Chloroform	83	8.781	8.797	(1.004)	19339	0.30945	0.31
35 1,1,1-Trichloroethane	97				Compound Not Detected.		
36 Cyclohexane	84	8.983	8.999	(0.936)	49073	1.22028	1.2(Q)
37 Carbon Tetrachloride	117				Compound Not Detected.		
38 2,2,4-Trimethylpentane	57	9.266	9.277	(0.965)	195613	1.43661	1.4
39 Benzene	78	9.298	9.314	(0.968)	159173	1.83702	1.8
M 40 1,2-Dichloroethene (total)	61				Compound Not Detected.		
41 1,2-Dichloroethane	62				Compound Not Detected.		
42 n-Heptane	43	9.400	9.416	(0.979)	88959	1.70729	1.7
* 43 1,4-Difluorobenzene	114	9.603	9.619	(1.000)	1515472	10.0000	
45 Trichloroethene	95				Compound Not Detected.		
47 1,2-Dichloropropane	63				Compound Not Detected.		
48 1,4-Dioxane	88				Compound Not Detected.		
50 Bromodichloromethane	83				Compound Not Detected.		
51 cis-1,3-Dichloropropene	75				Compound Not Detected.		
52 Methyl Isobutyl Ketone	43				Compound Not Detected.		
54 Toluene	92	10.873	10.894	(0.906)	471905	7.66248	7.7
55 trans-1,3-Dichloropropene	75				Compound Not Detected.		
56 1,1,2-Trichloroethane	83				Compound Not Detected.		
57 Tetrachloroethene	166				Compound Not Detected.		
58 Methyl Butyl Ketone	43				Compound Not Detected.		
59 Dibromochloromethane	129				Compound Not Detected.		
60 1,2-Dibromoethane	107				Compound Not Detected.		
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1348690	10.0000	
62 Chlorobenzene	112				Compound Not Detected.		
63 Ethylbenzene	91	12.047	12.063	(1.004)	129539	1.02493	1.0
64 Xylene (m,p)	106	12.132	12.148	(1.011)	160648	3.28682	3.3
65 Xylene (o)	106	12.474	12.485	(1.040)	56876	1.18706	1.2
66 Styrene	104	12.479	12.495	(1.040)	16454	0.24479	0.24(Q)
67 Bromoform	173				Compound Not Detected.		
69 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
M 70 Xylene (total)	106				217524	4.53995	4.5
74 4-Ethyltoluene	105	13.157	13.205	(1.097)	124449	0.93404	0.93
75 1,3,5-Trimethylbenzene	105	13.232	13.248	(1.103)	35501	0.31572	0.32
76 2-Chlorotoluene	91				Compound Not Detected.		
79 1,2,4-Trimethylbenzene	105	13.568	13.584	(1.131)	116664	1.09956	1.1
82 1,3-Dichlorobenzene	146				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	-----	-----	-----	-----	
83 1,4-Dichlorobenzene	146				Compound Not Detected.		
88 1,2-Dichlorobenzene	146				Compound Not Detected.		
90 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
91 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

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

Data File: /chem/C.i/Csvr.p/chtmt015.b/790553.d
Report Date: 21-Apr-2009 21:20

Page 4

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790553.d
Lab Smp Id: 790553 Client Smp ID: 0326H-FF-03N
Inj Date : 31-MAR-2009 14:00
Operator : pad Inst ID: C.i
Smp Info : 20090326H-FF-03N :[]03/26/09 @1655(AIR)
Misc Info : 790553;033009CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 01655(AIR)

Purge Volume: 200.0

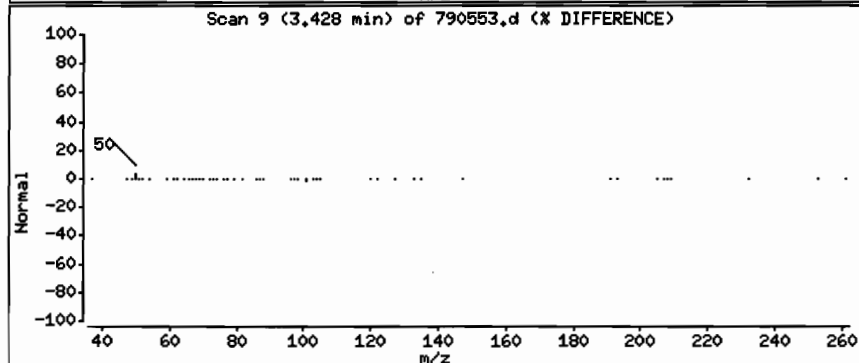
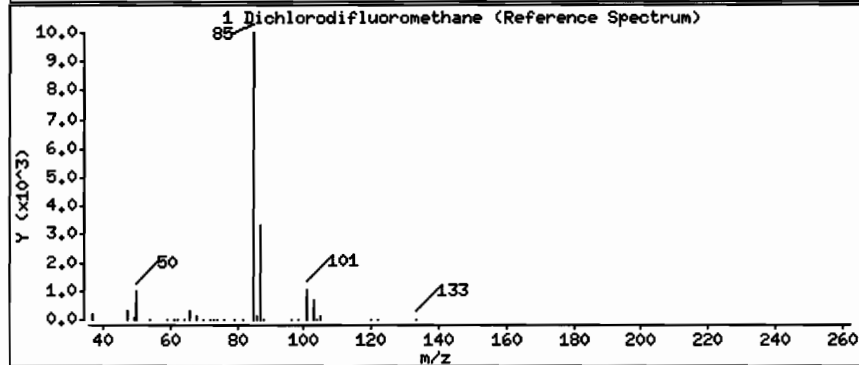
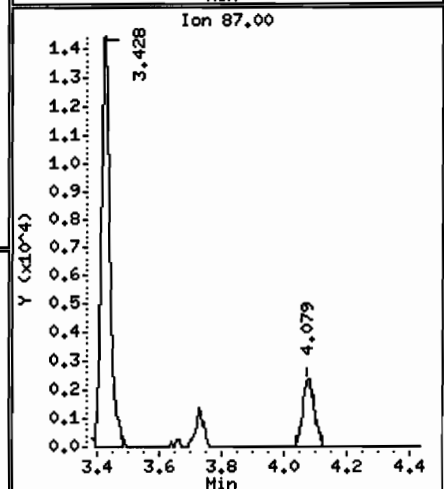
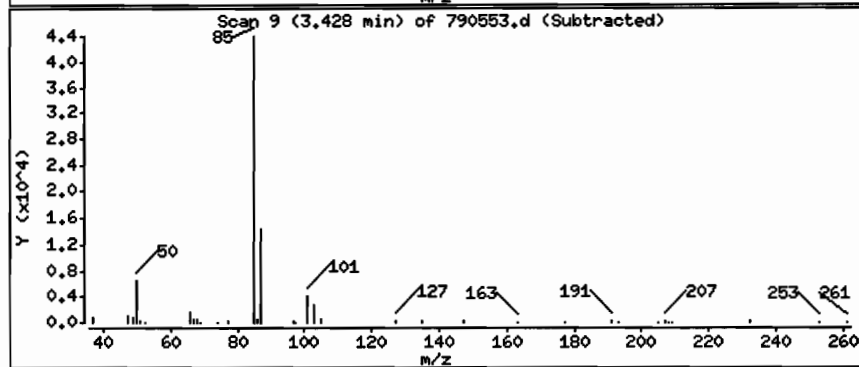
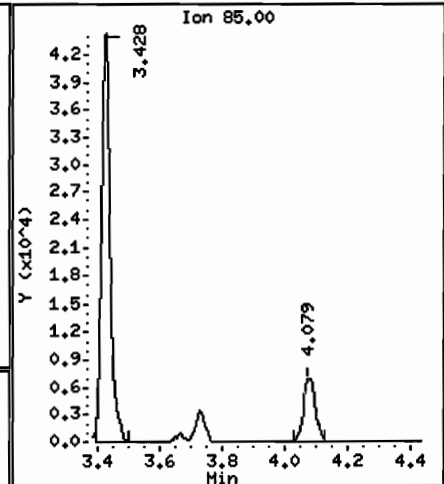
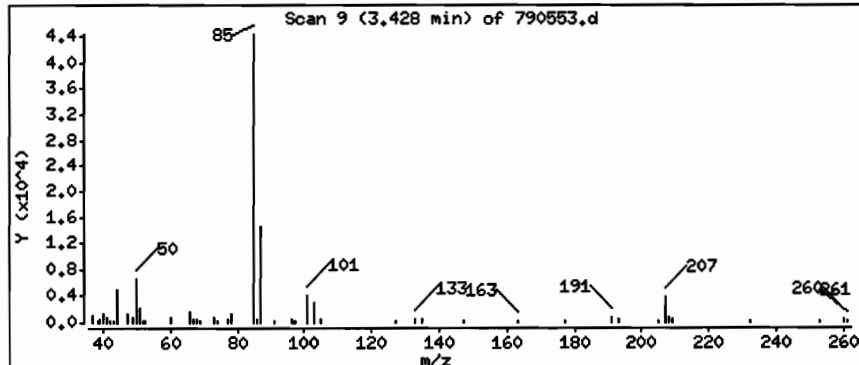
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.87 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

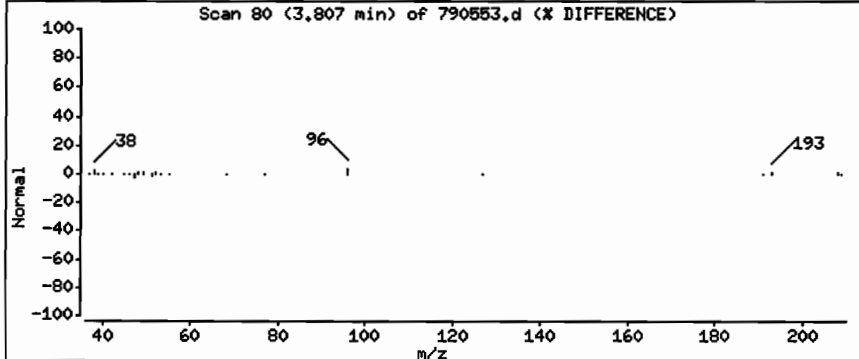
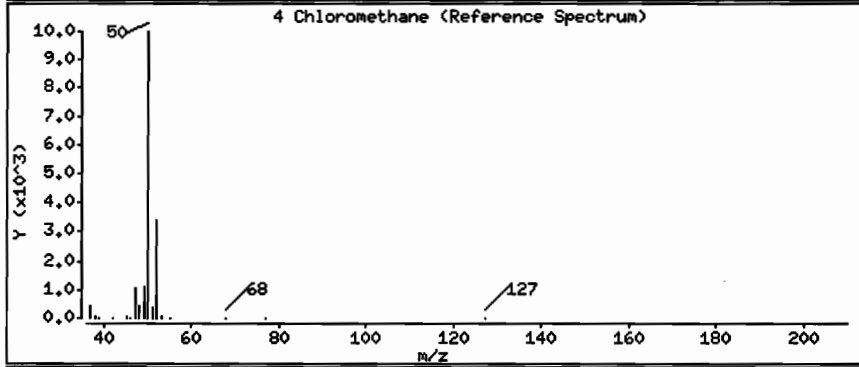
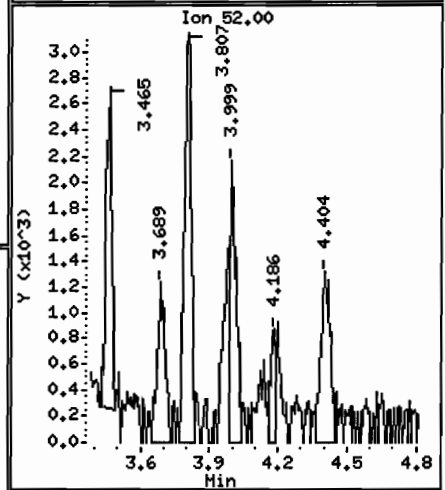
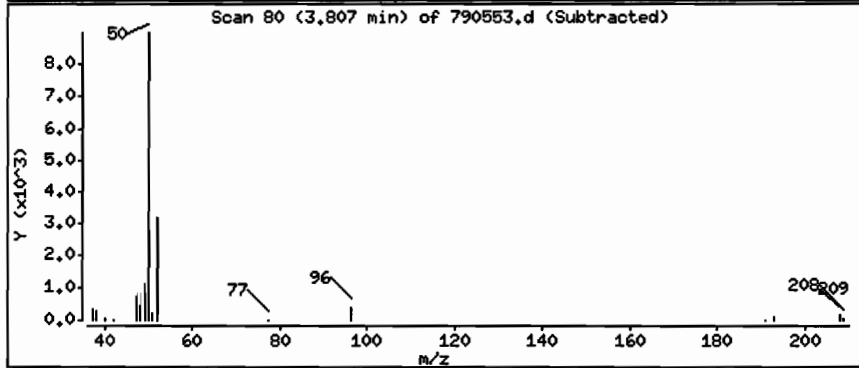
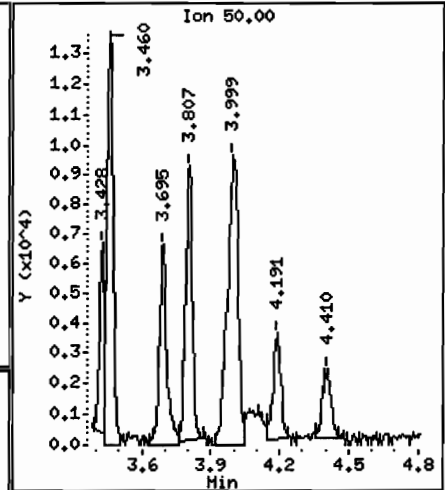
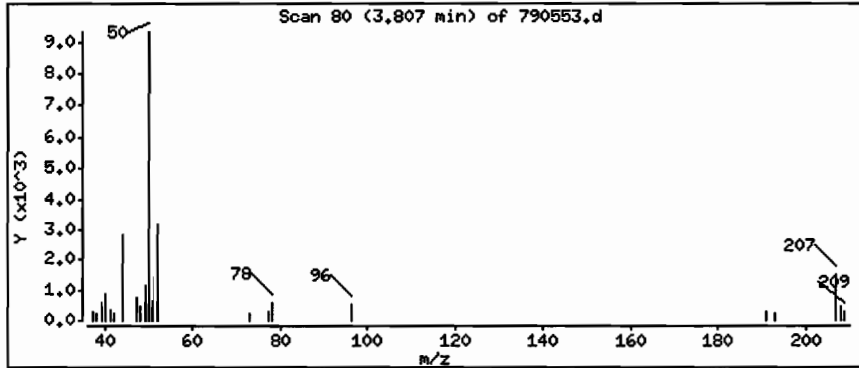
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

4 Chloromethane

Concentration: 0.66 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

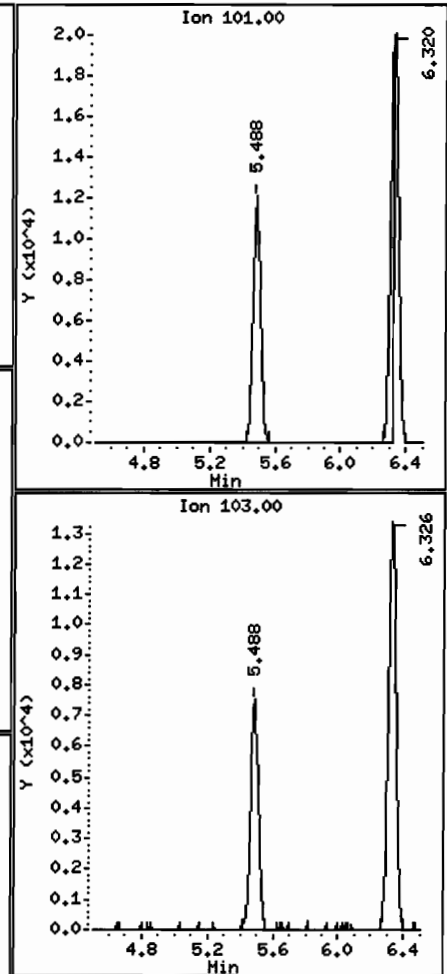
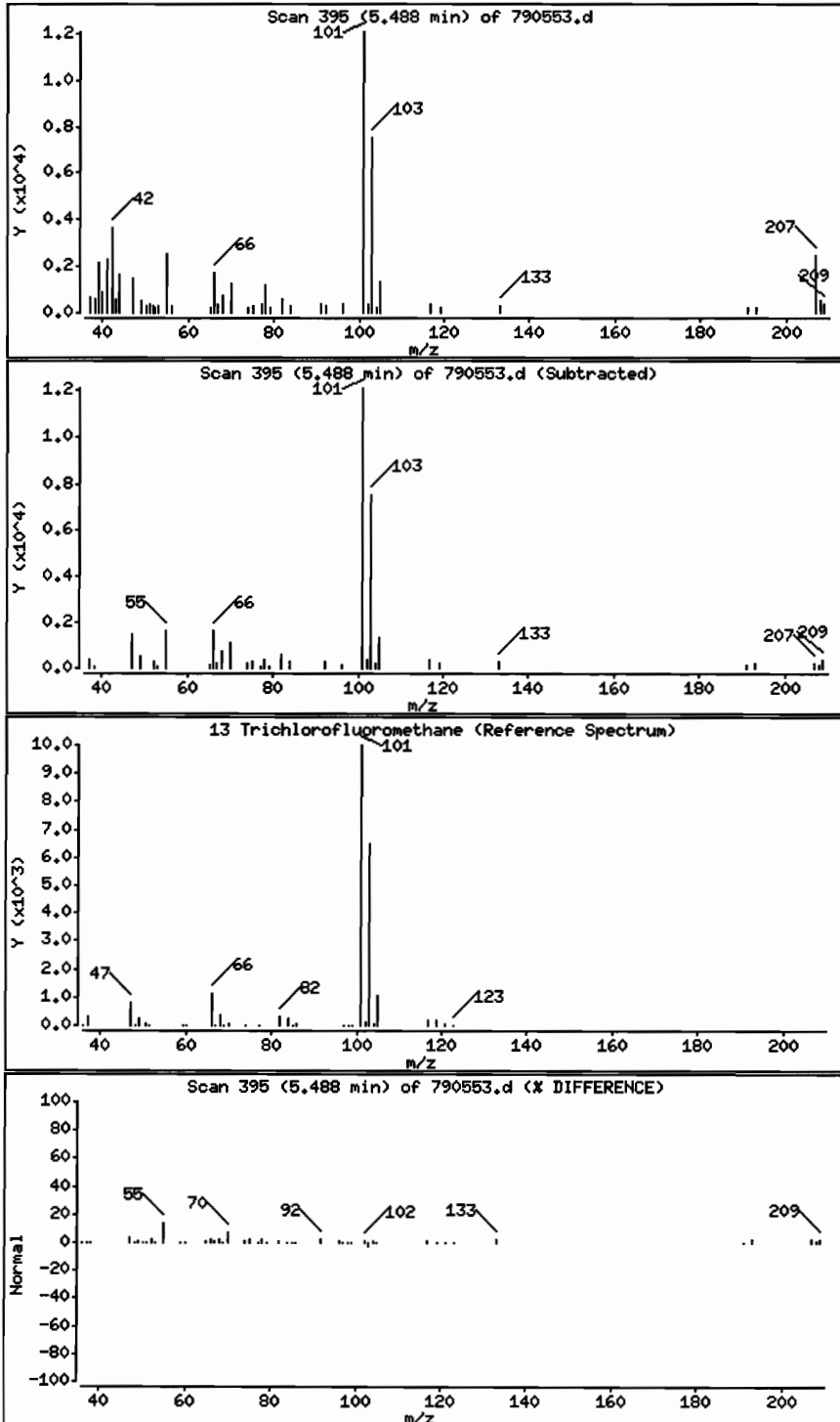
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

13 Trichlorofluoromethane

Concentration: 0.38 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;I 103/26/09 @1655(AIR)

Purge Volume: 200.0

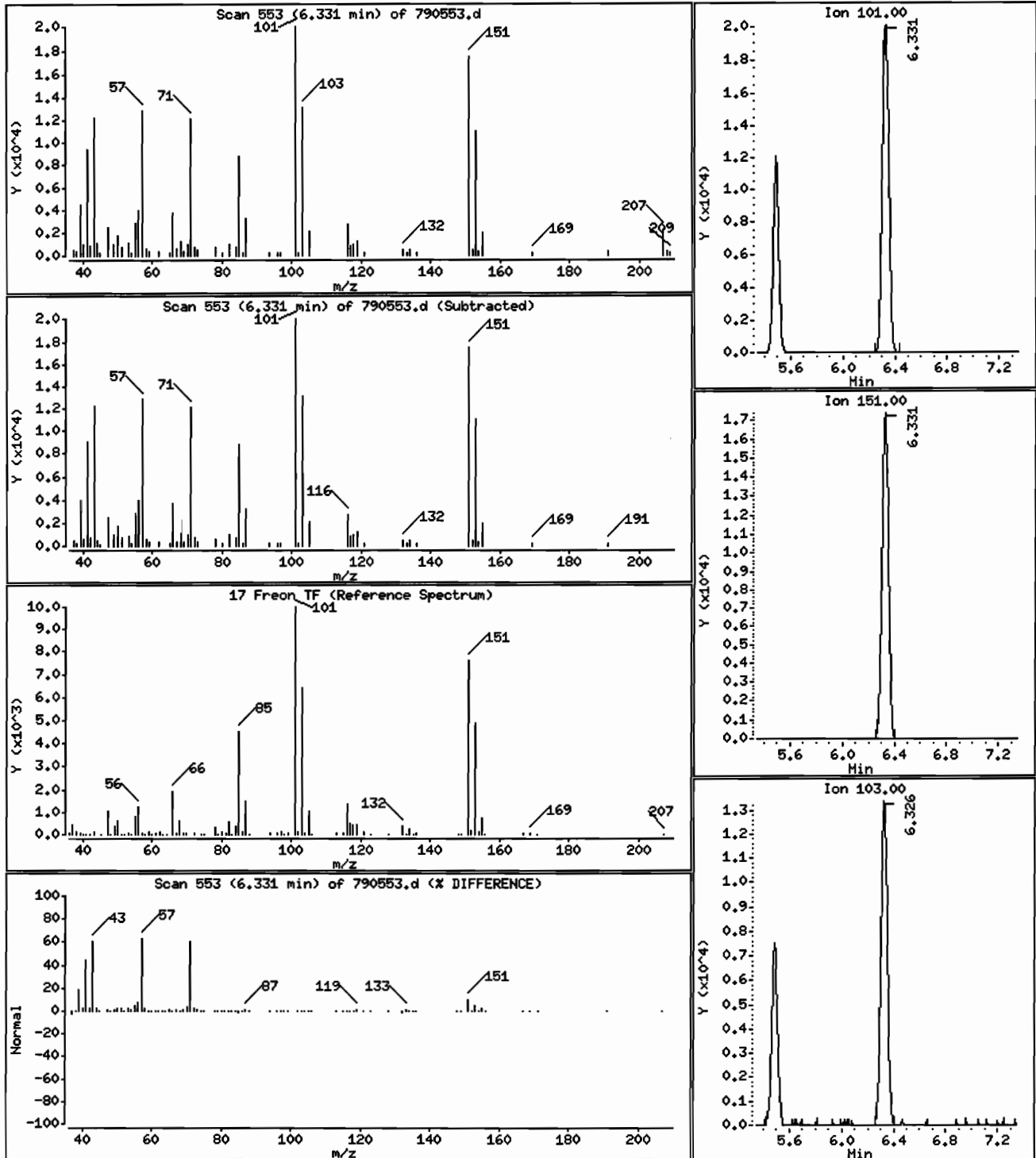
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

17 Freon TF

Concentration: 1.3 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;I 103/26/09 @1655(AIR)

Purge Volume: 200.0

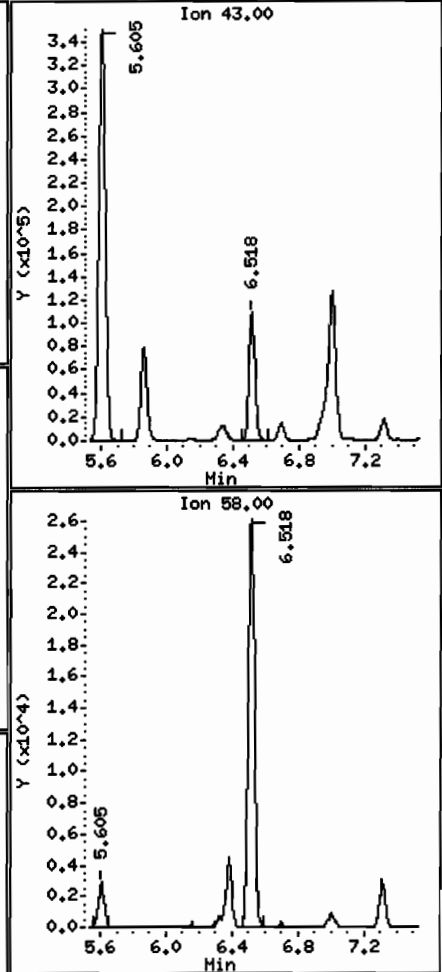
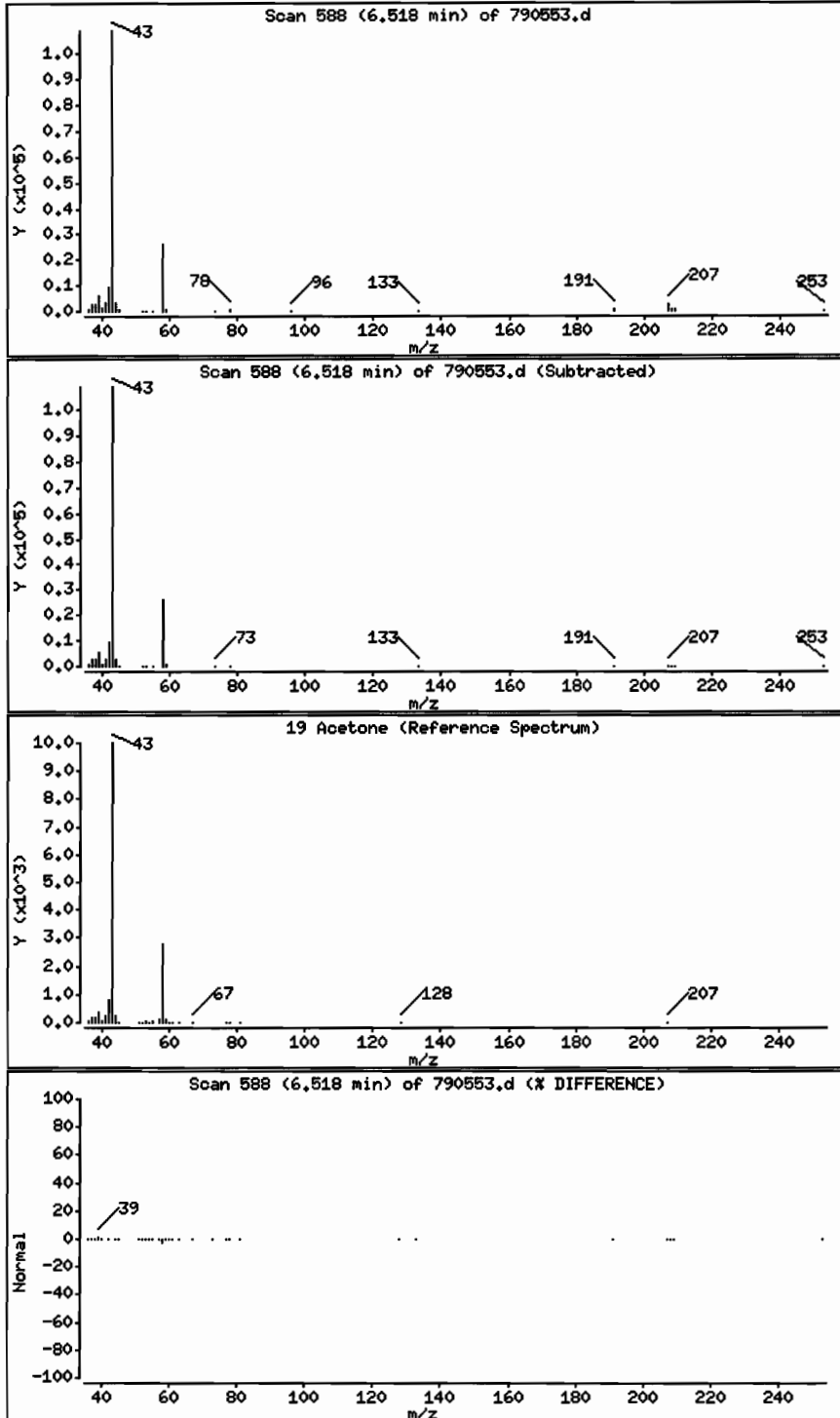
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

19 Acetone

Concentration: 6.6 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

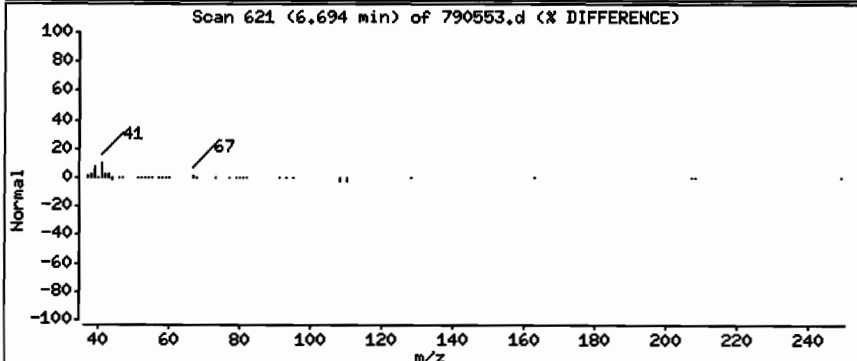
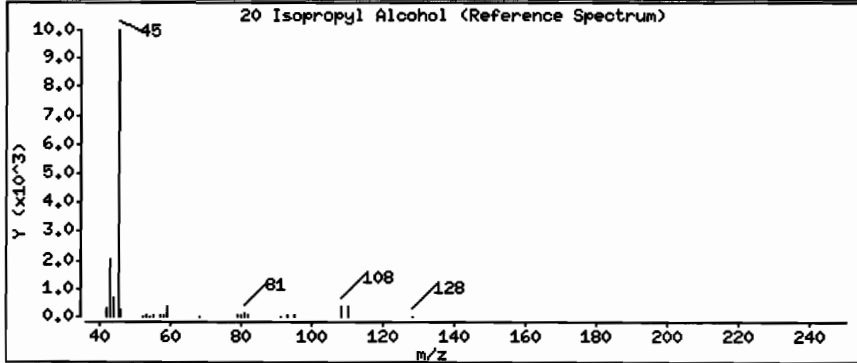
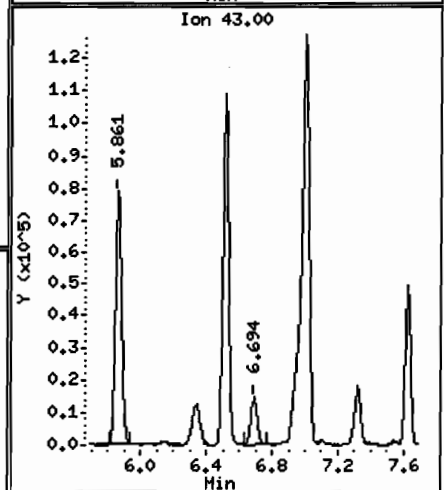
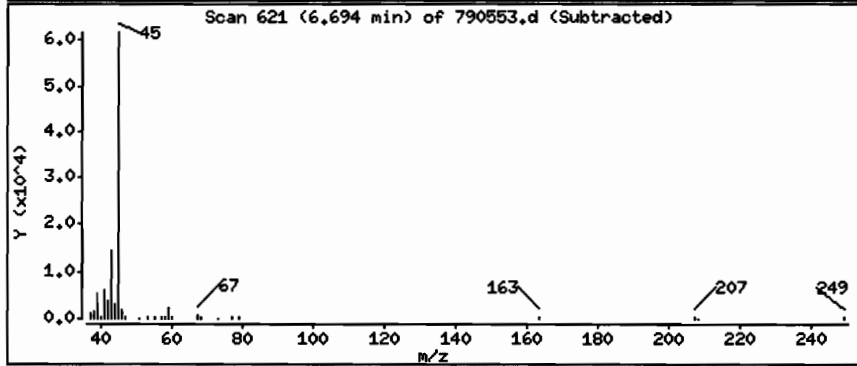
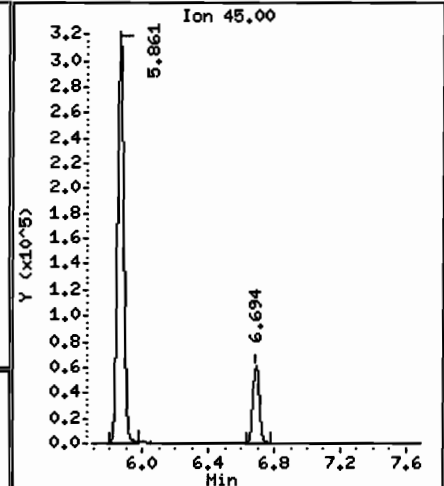
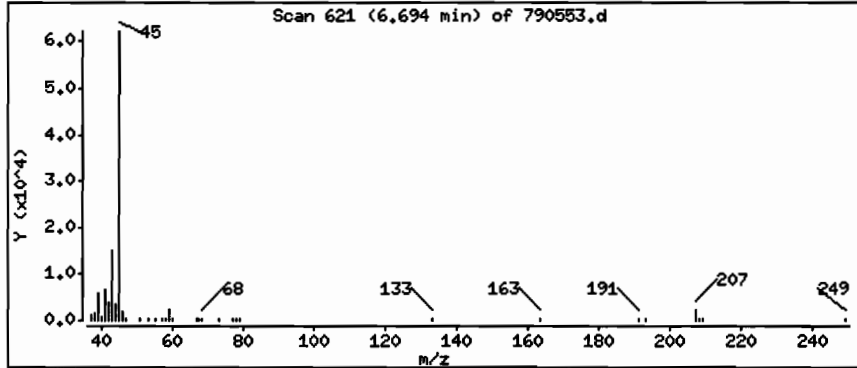
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

20 Isopropyl Alcohol

Concentration: 6.2 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

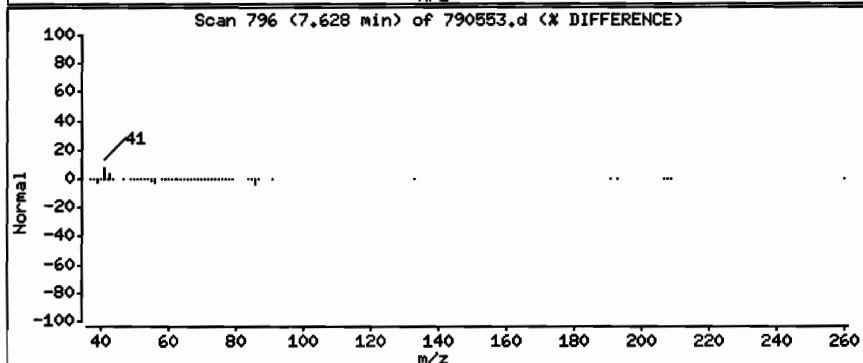
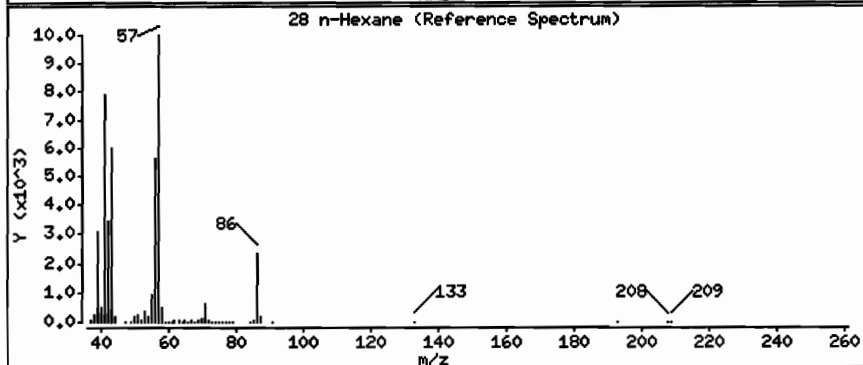
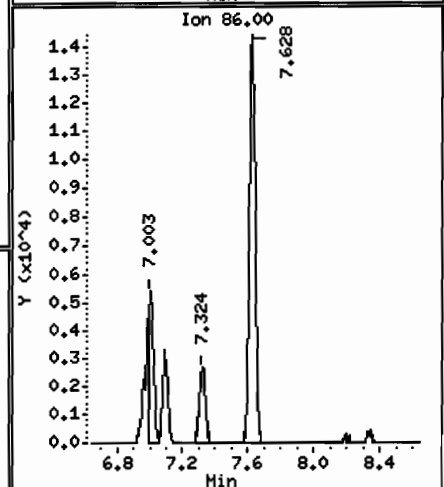
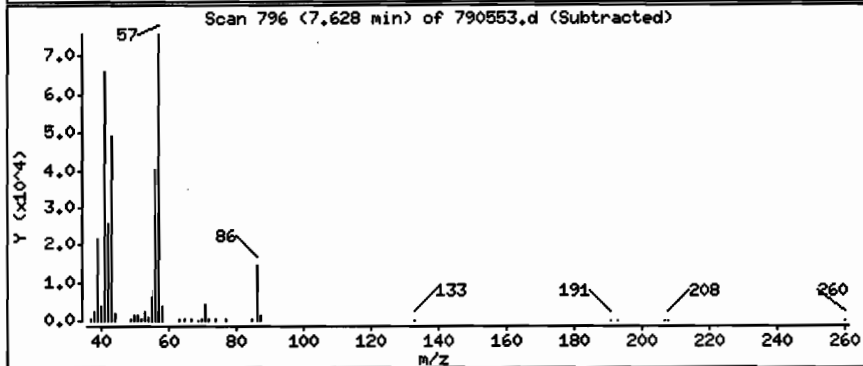
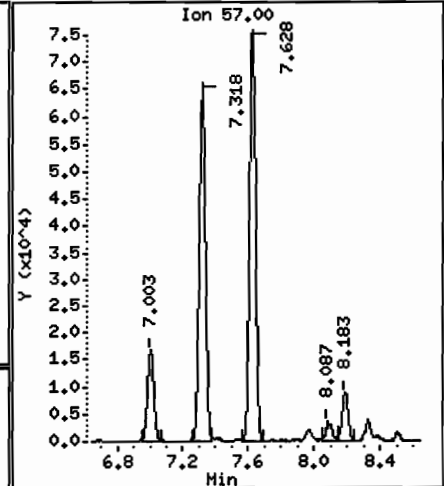
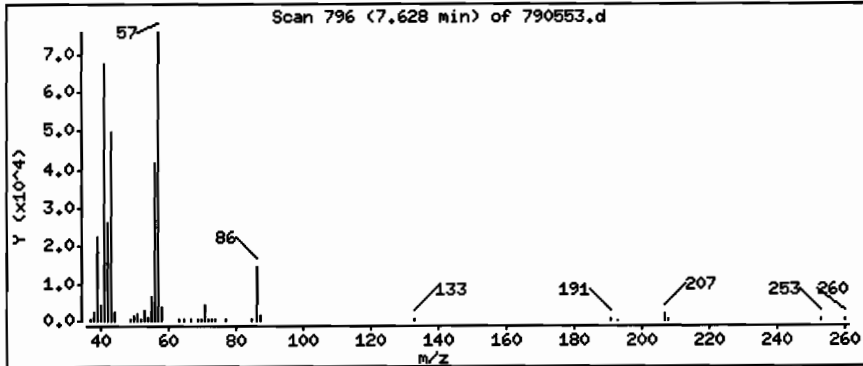
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

28 n-Hexane

Concentration: 4.5 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

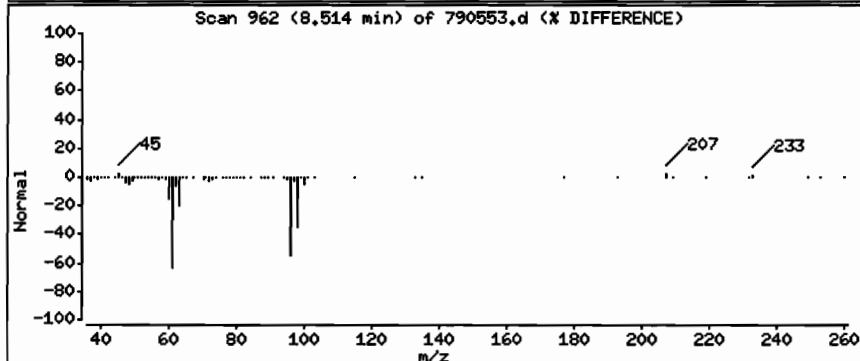
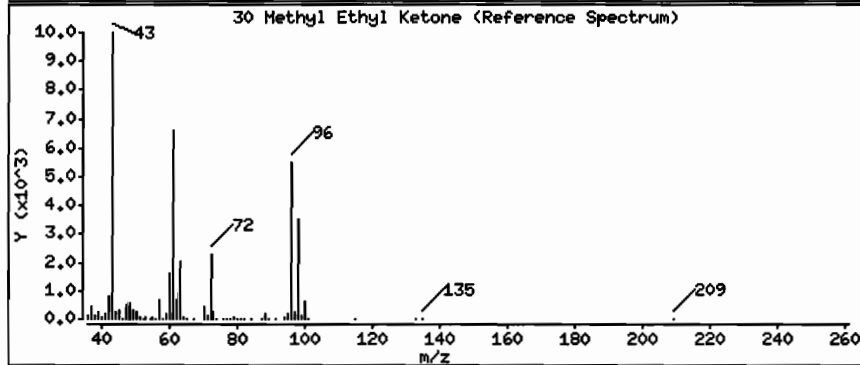
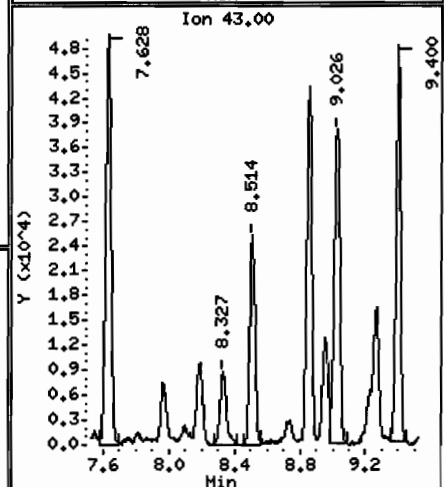
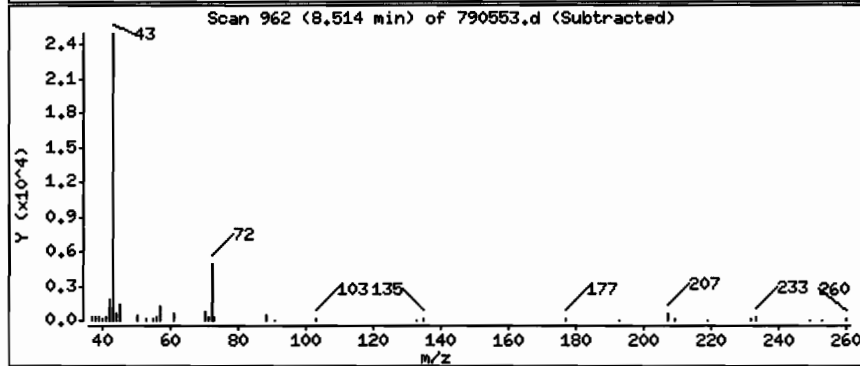
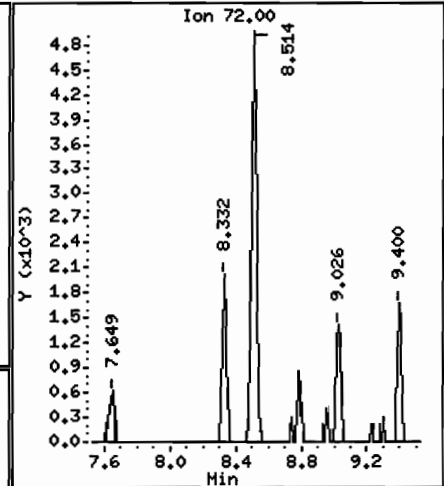
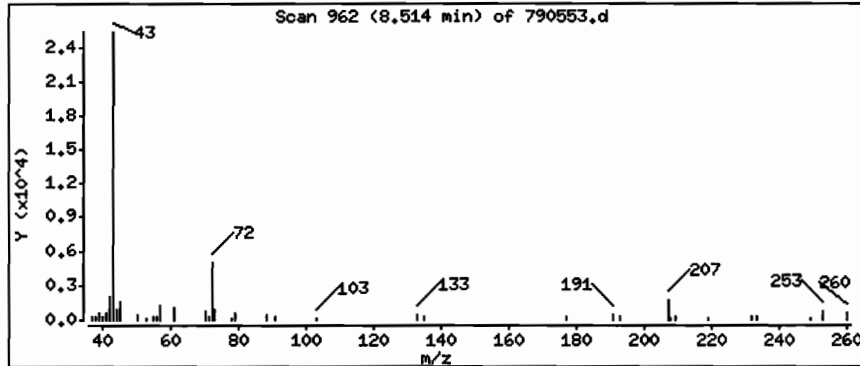
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

30 Methyl Ethyl Ketone

Concentration: 0.83 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[J03/26/09 @1655(AIR)

Purge Volume: 200.0

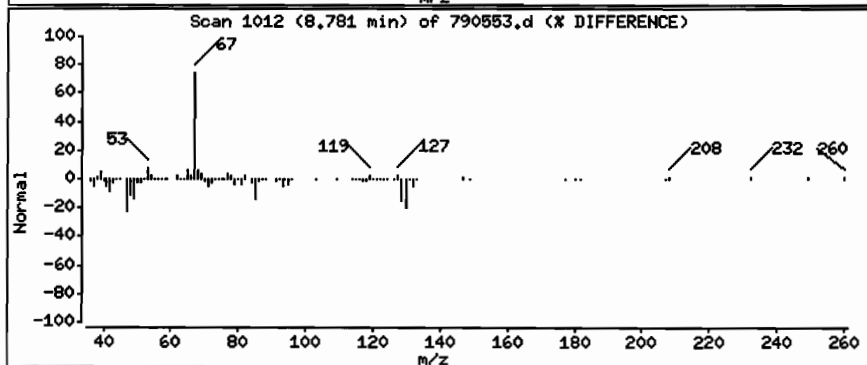
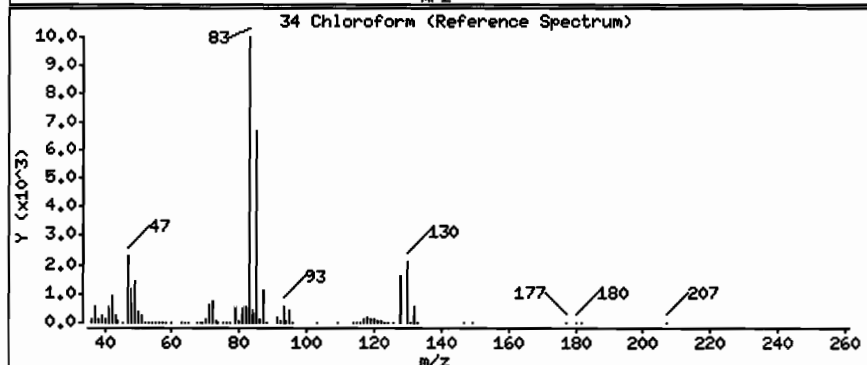
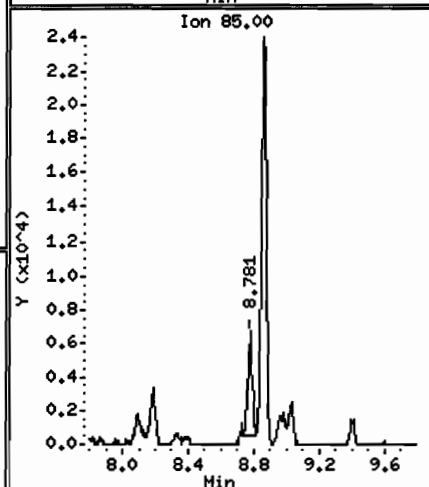
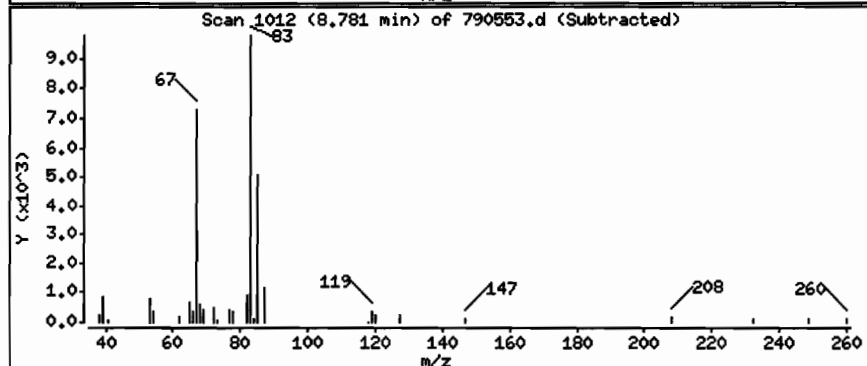
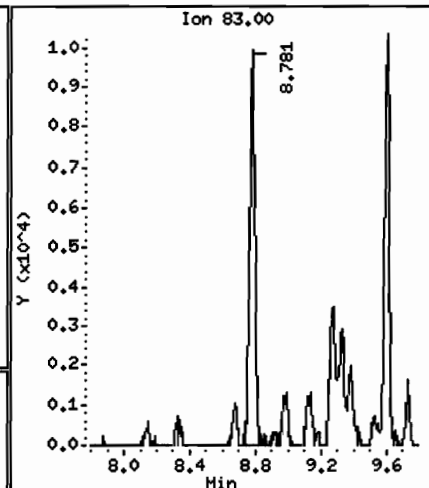
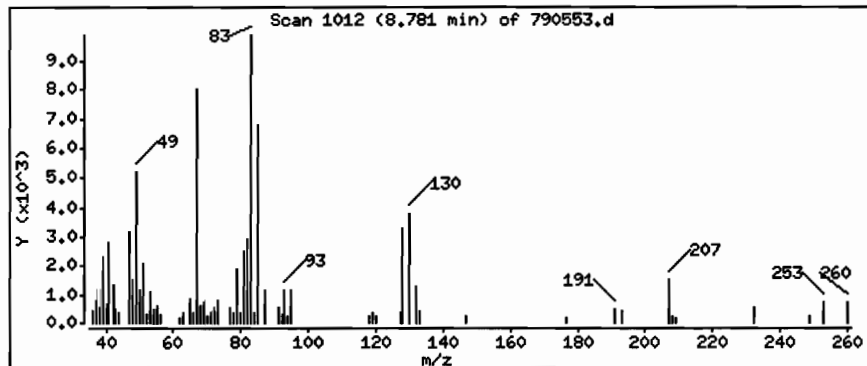
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

34 Chloroform

Concentration: 0.31 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N :[103/26/09 @1655(AIR)

Purge Volume: 200.0

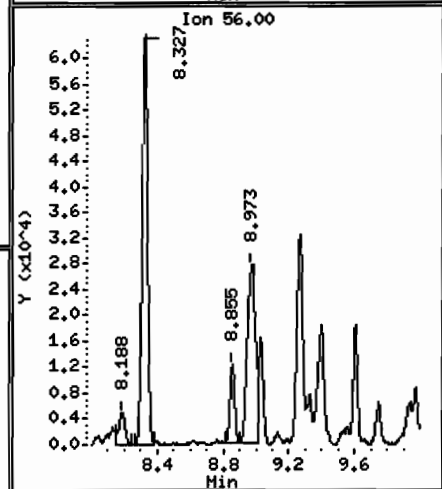
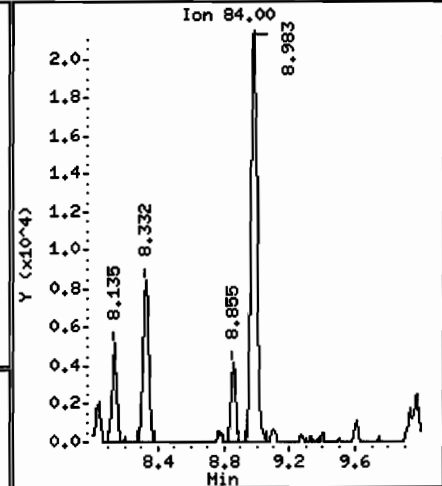
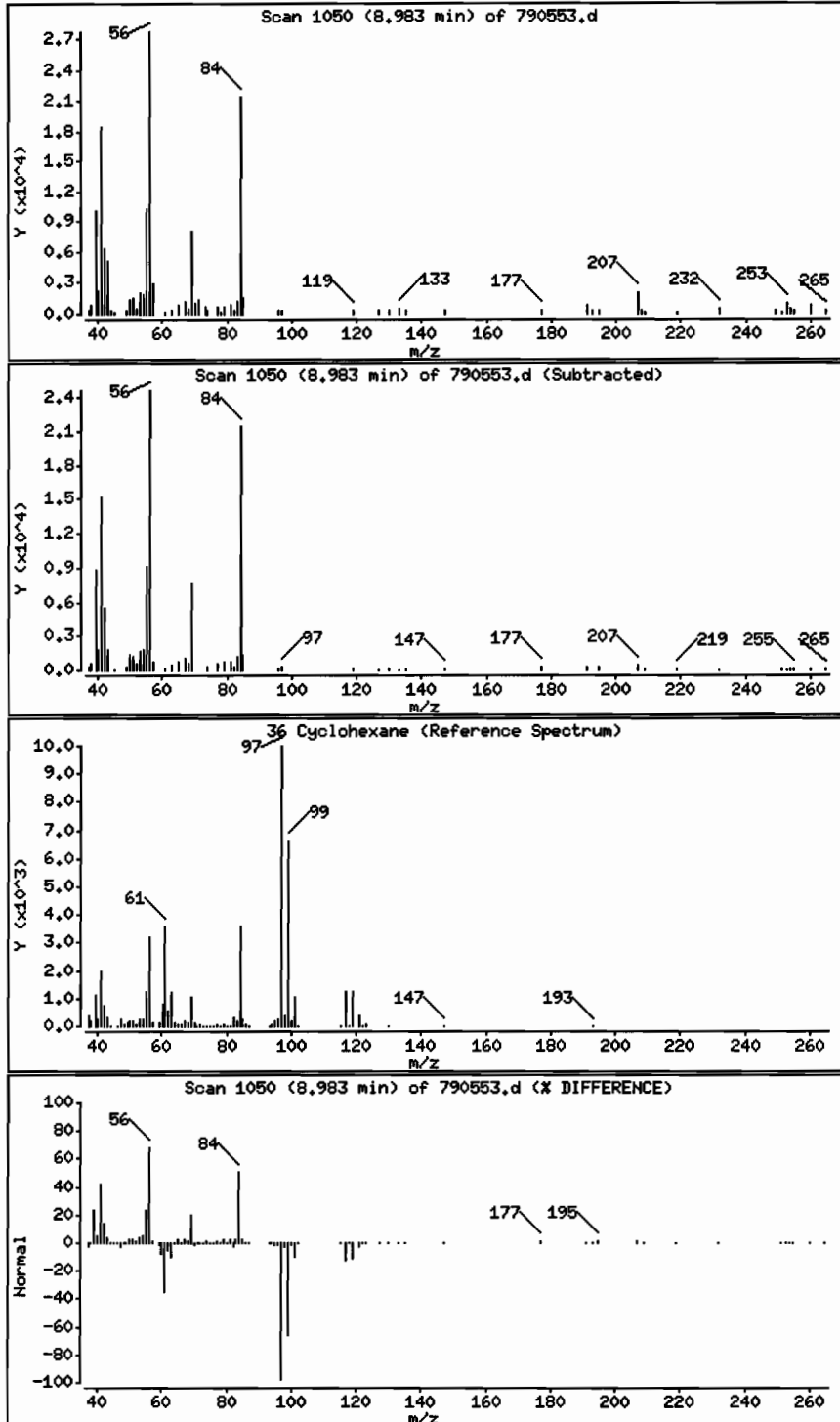
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

36 Cyclohexane

Concentration: 1.2 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 01655(AIR)

Purge Volume: 200,0

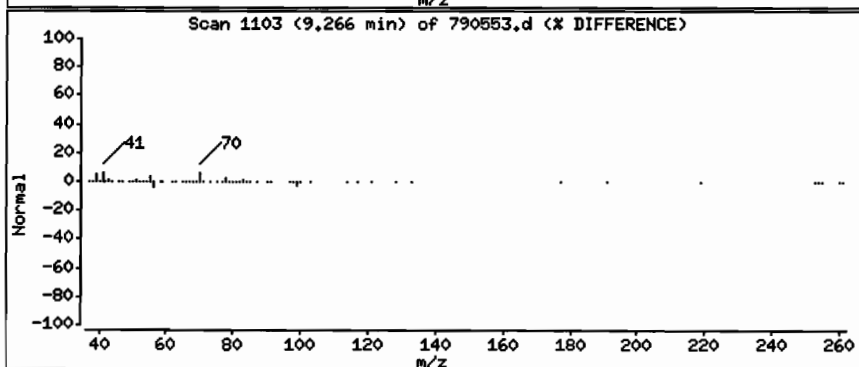
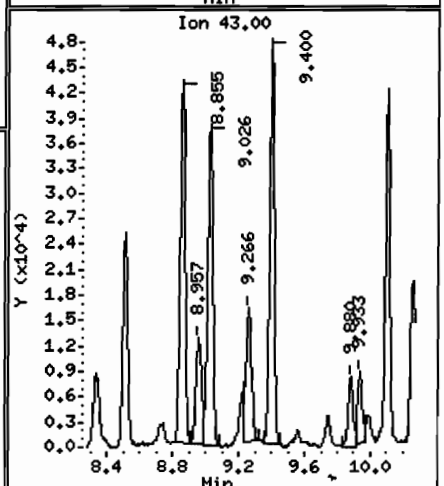
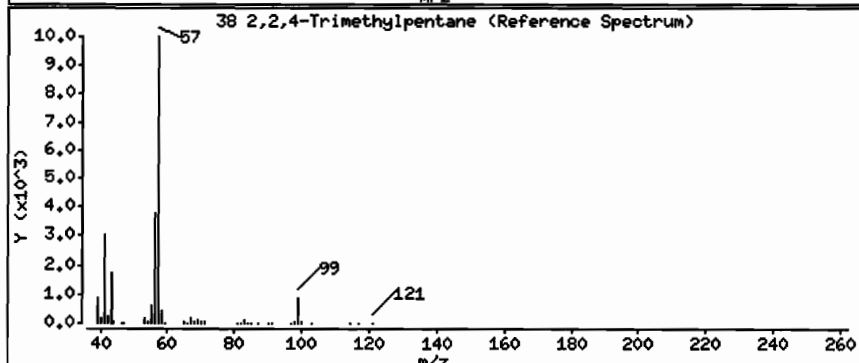
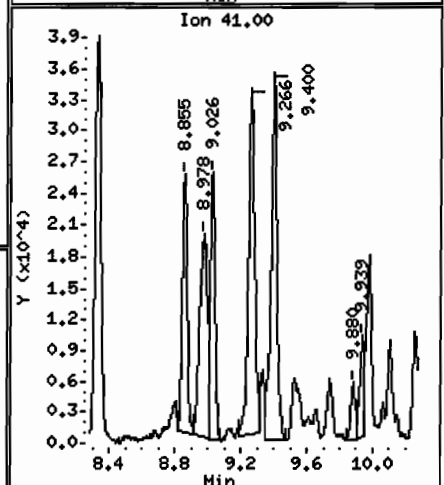
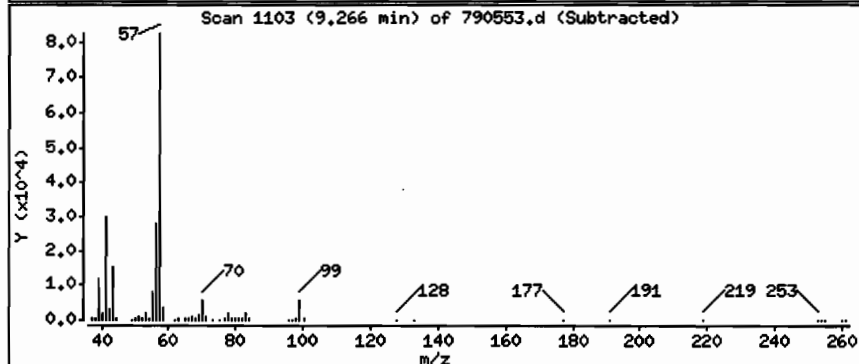
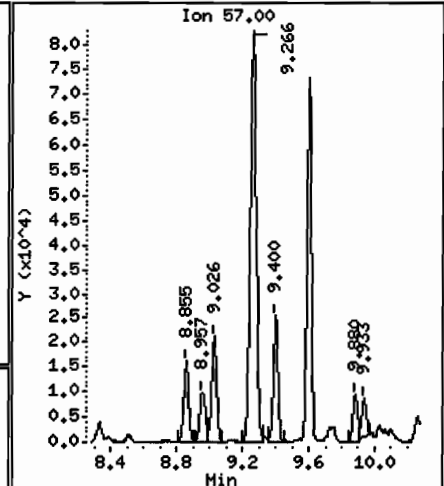
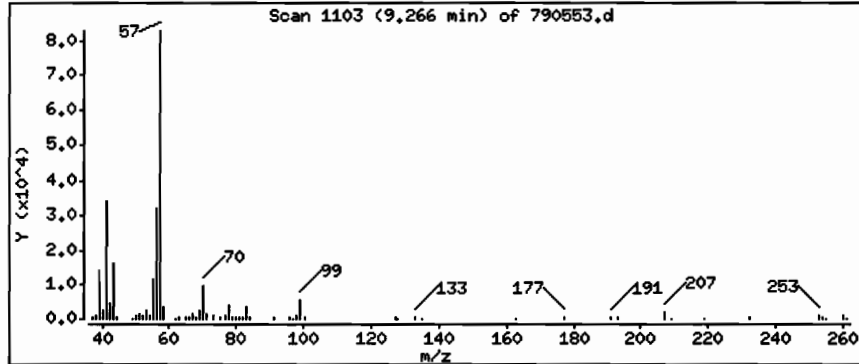
Operator: pad

Column phase: RTX-624

Column diameter: 0,32

38 2,2,4-Trimethylpentane

Concentration: 1.4 ppbv



Date : 31-HAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

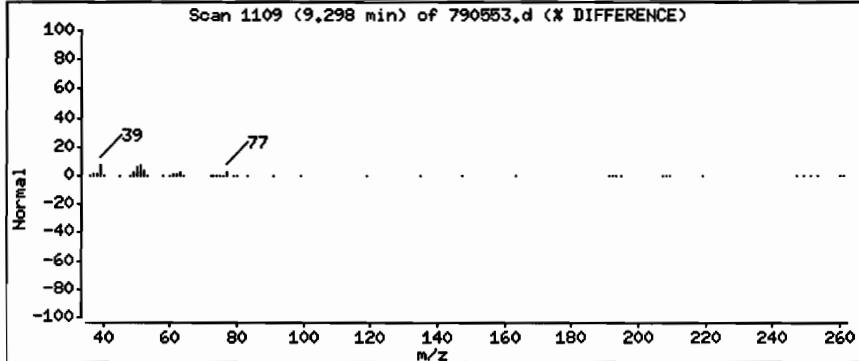
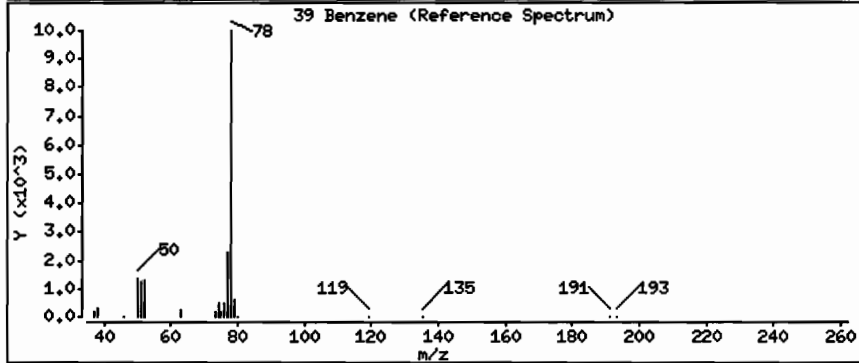
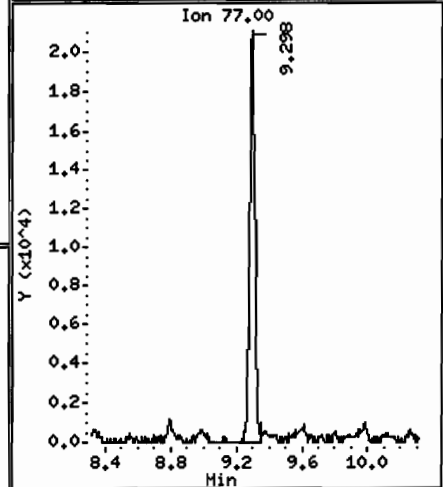
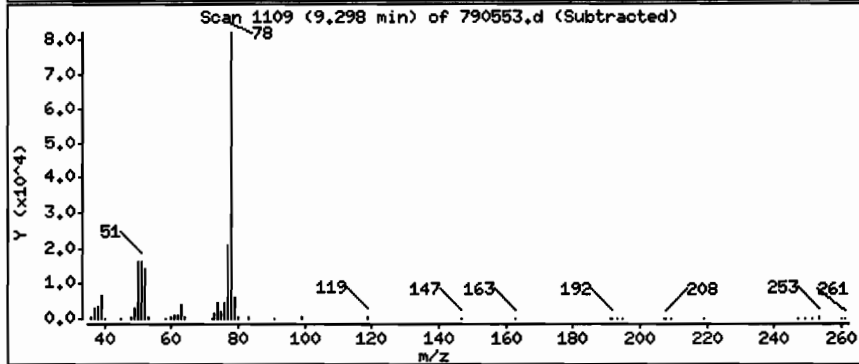
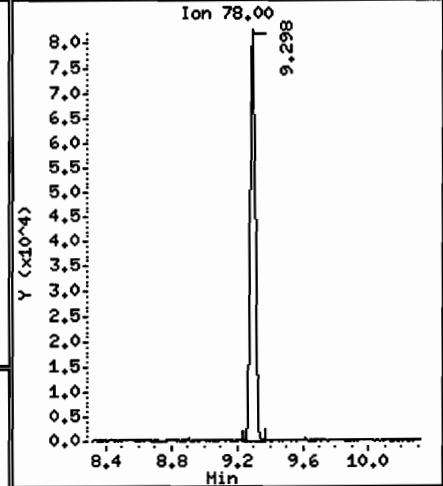
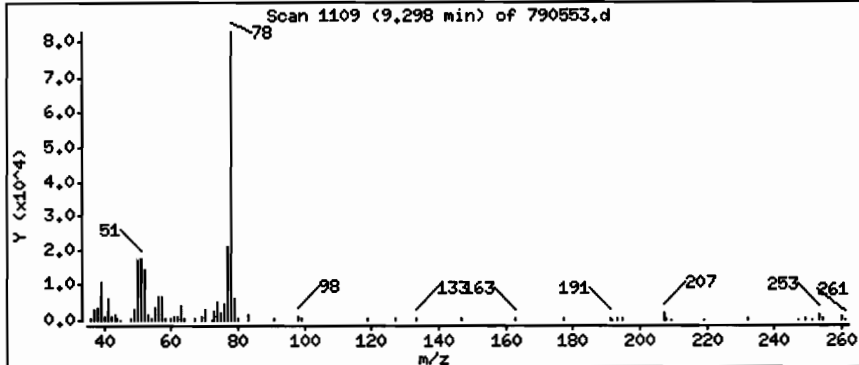
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

39 Benzene

Concentration: 1.8 ppbv



Date : 31-HAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

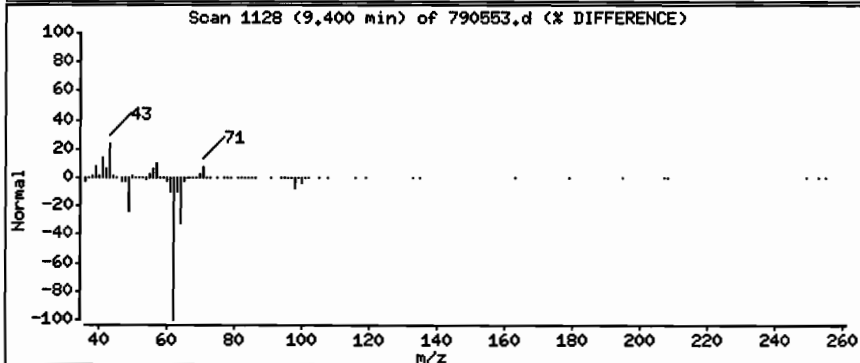
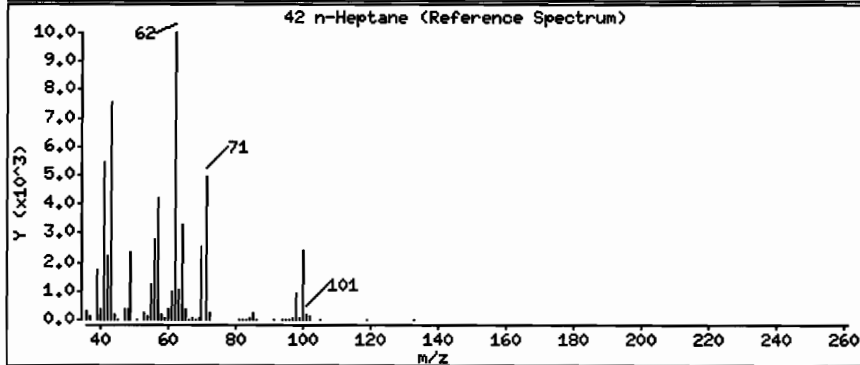
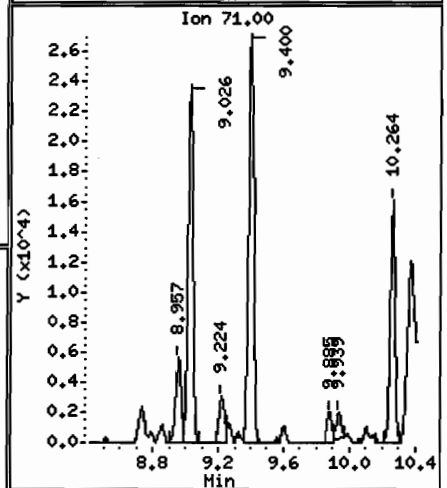
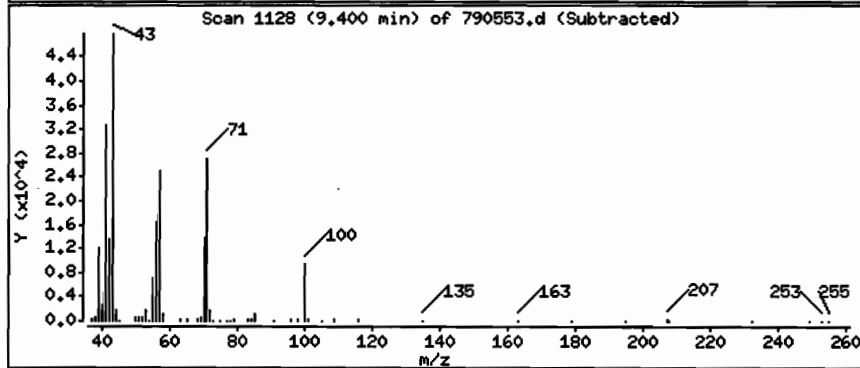
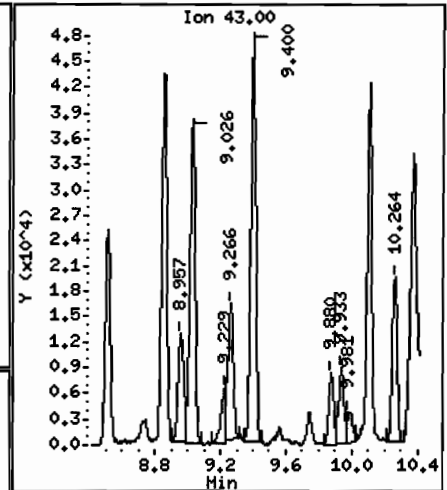
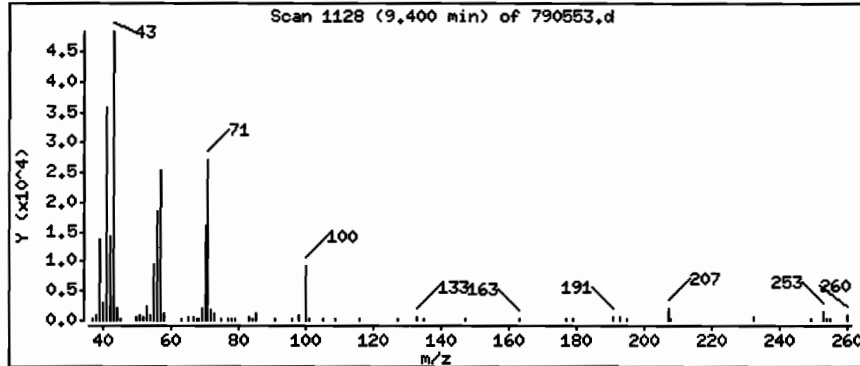
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

42 n-Heptane

Concentration: 1.7 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N :[103/26/09 @1655(AIR)

Purge Volume: 200.0

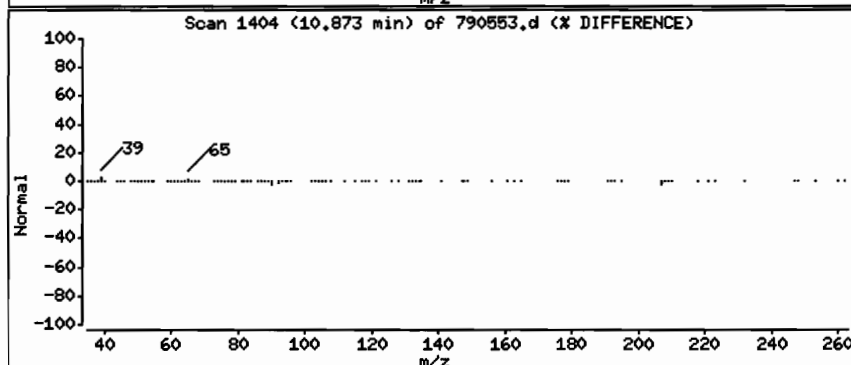
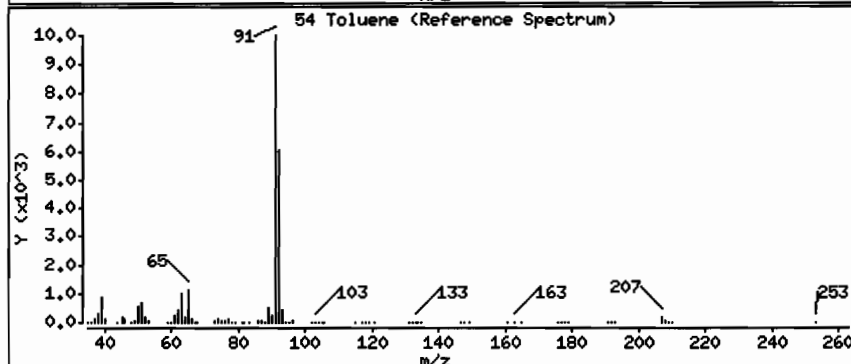
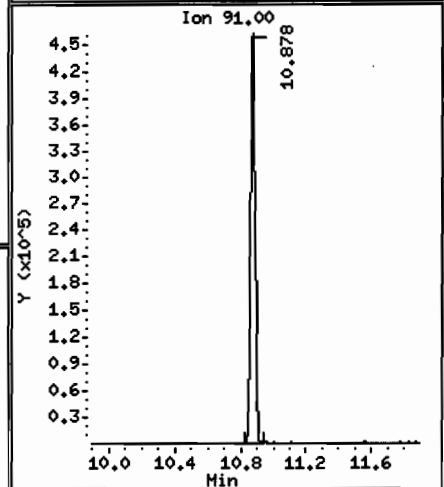
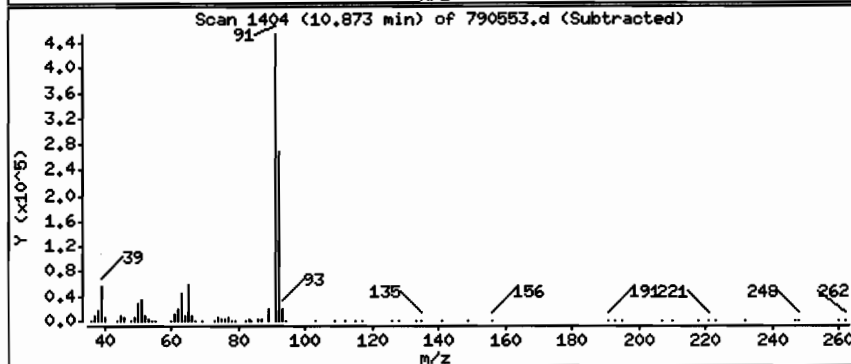
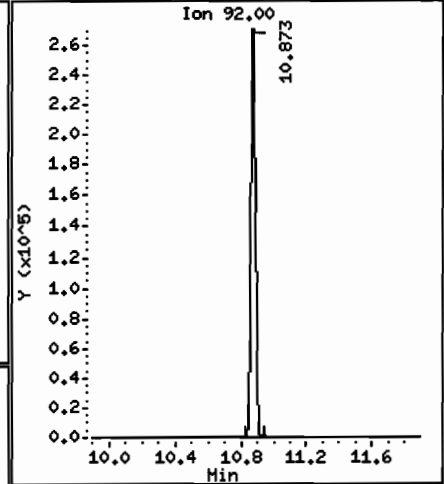
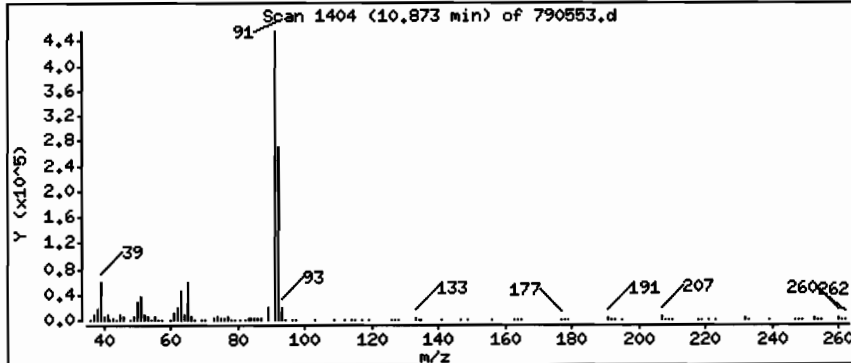
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

54 Toluene

Concentration: 7.7 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

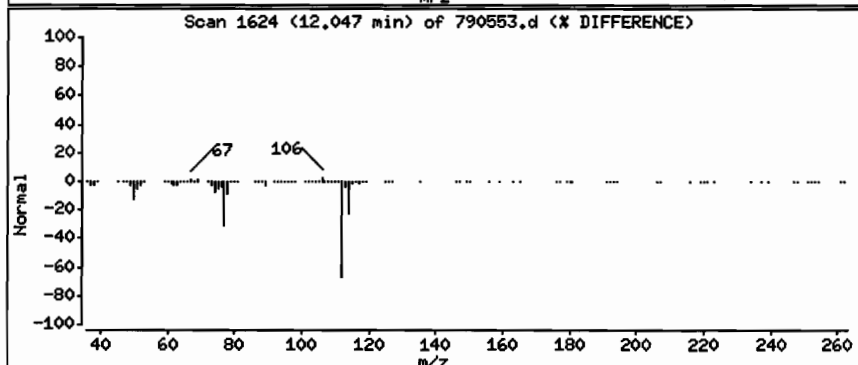
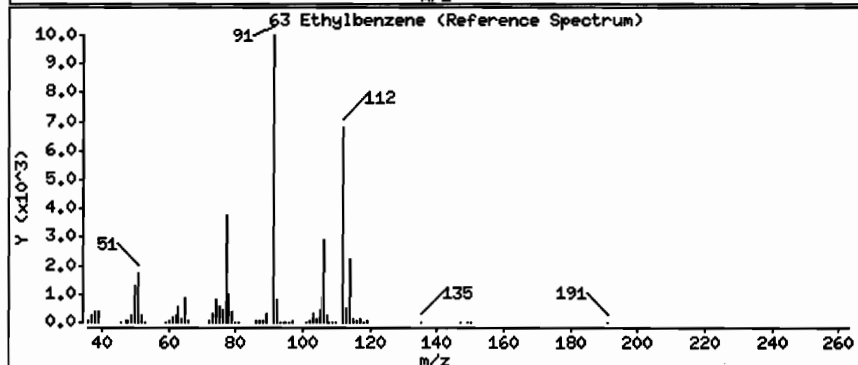
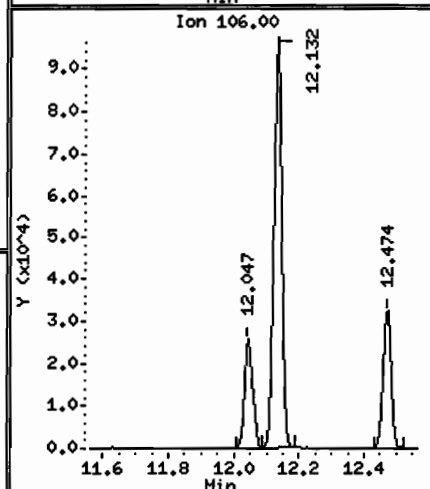
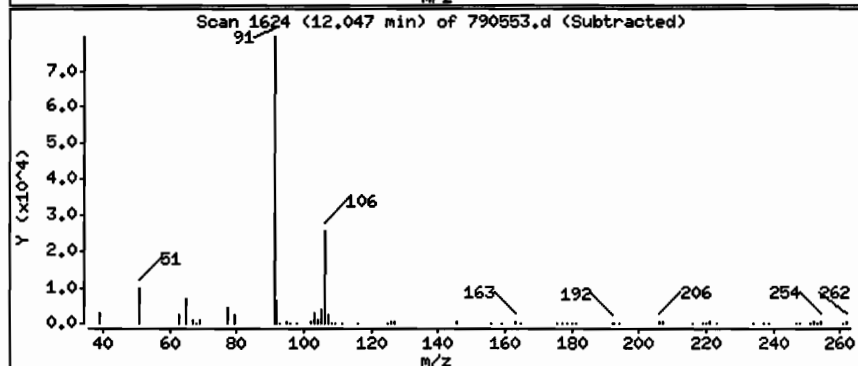
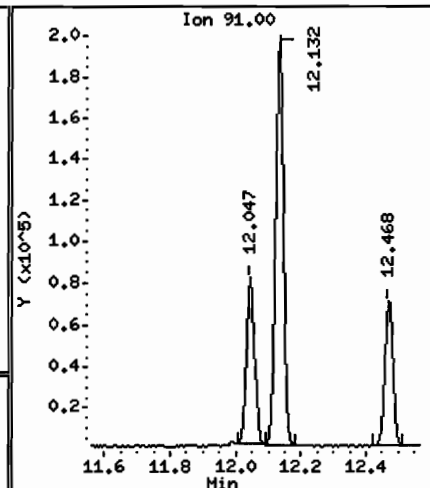
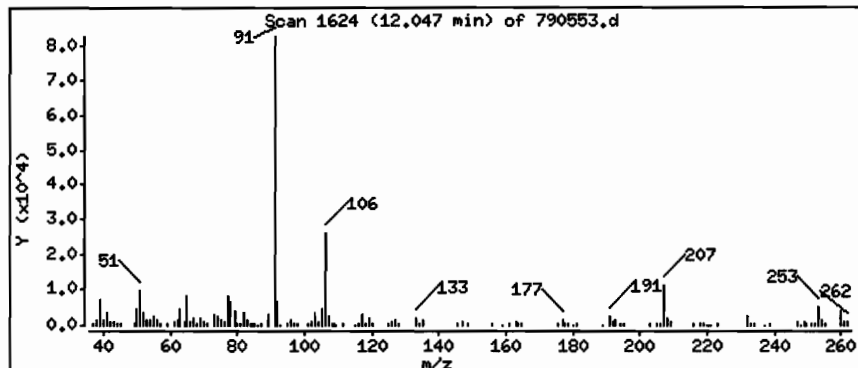
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

63 Ethylbenzene

Concentration: 1.0 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

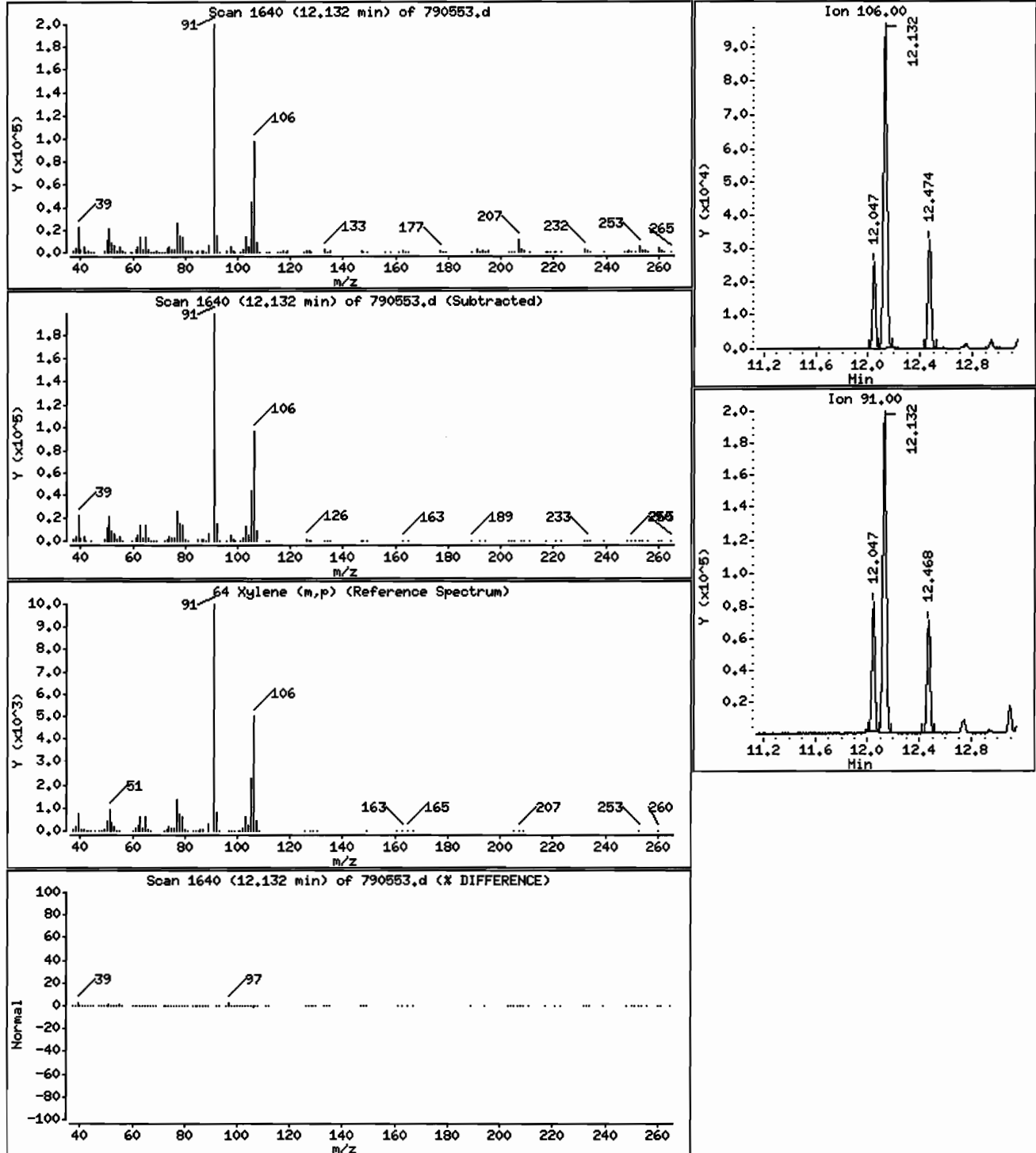
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

64 Xylene (m,p)

Concentration: 3.3 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;I 103/26/09 @1655(AIR)

Purge Volume: 200.0

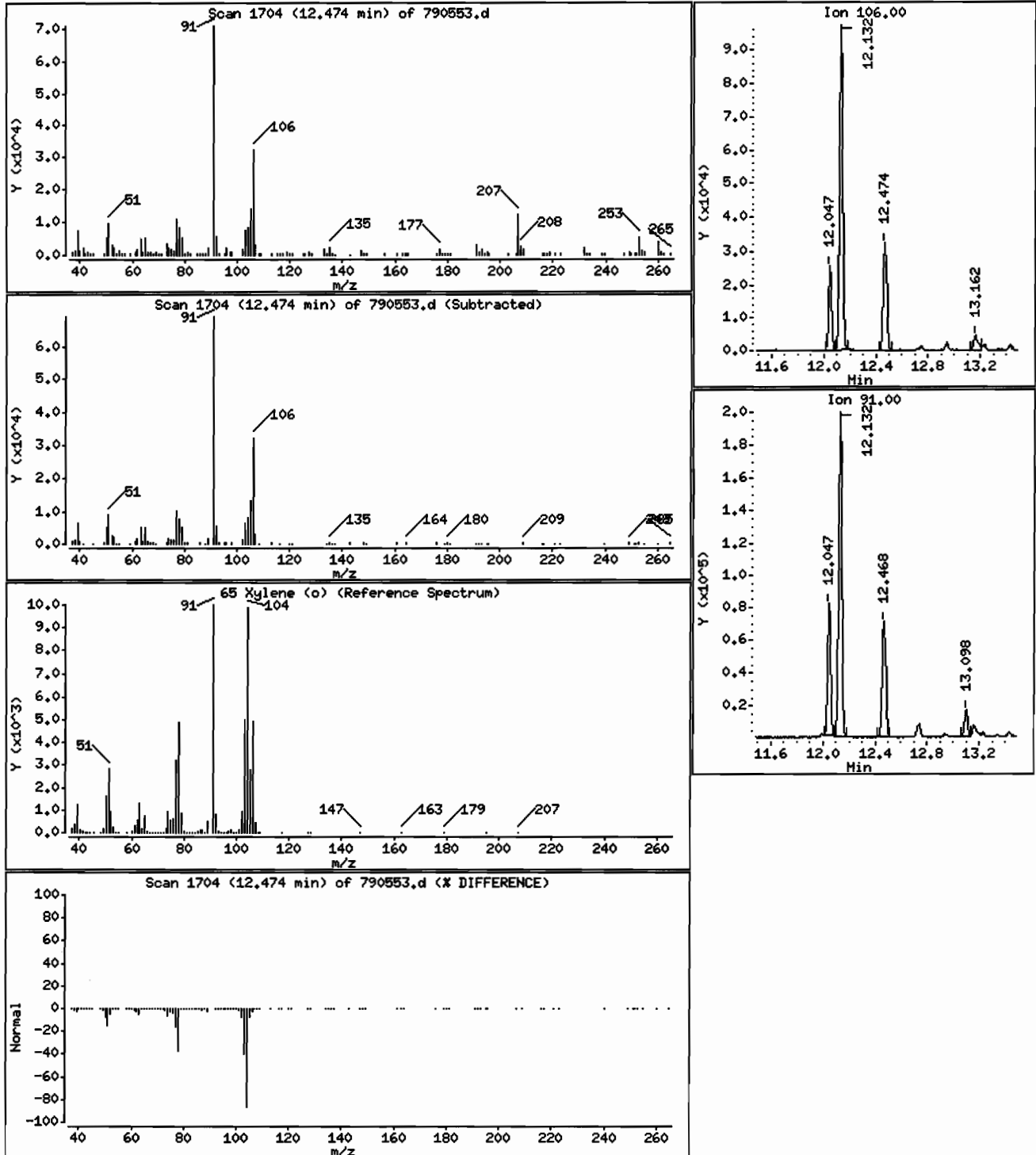
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

65 Xylene (o)

Concentration: 1.2 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 @1655(AIR)

Purge Volume: 200.0

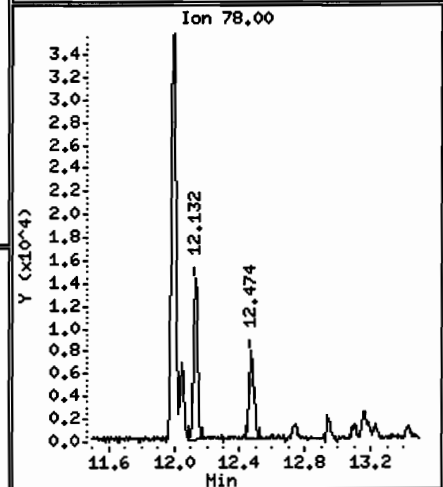
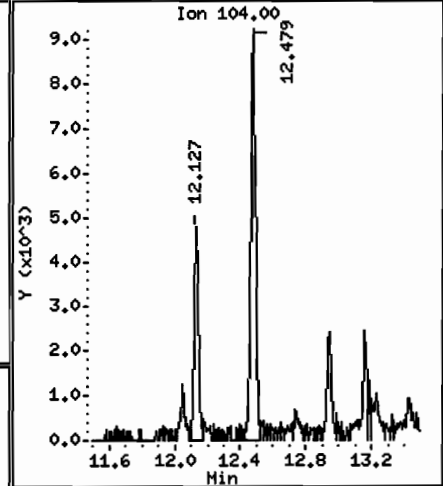
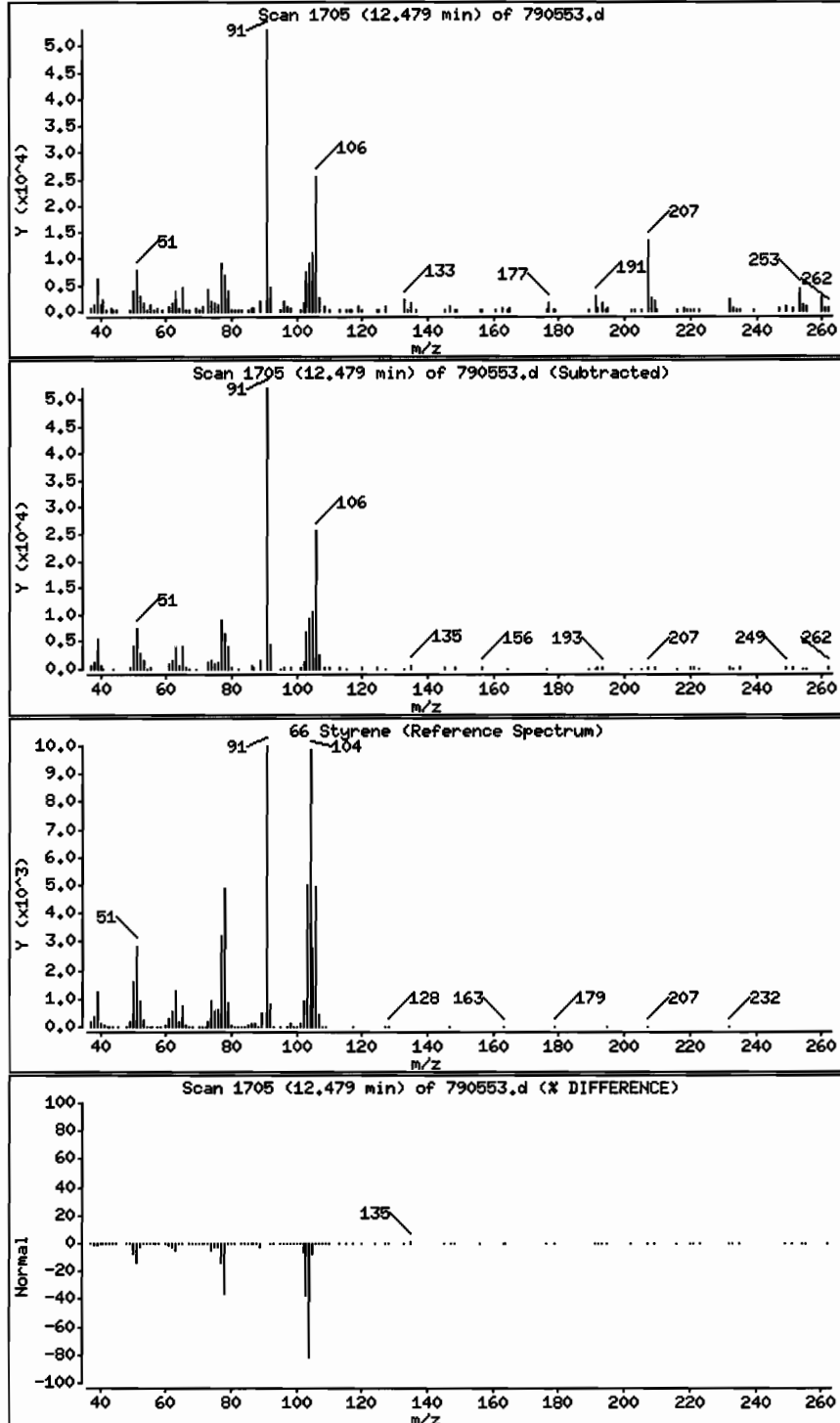
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

66 Styrene

Concentration: 0.24 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;[103/26/09 01655(AIR)

Purge Volume: 200.0

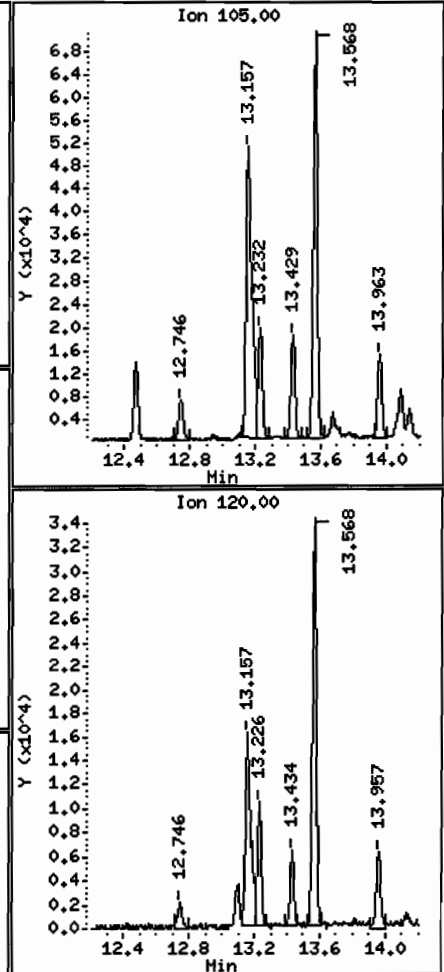
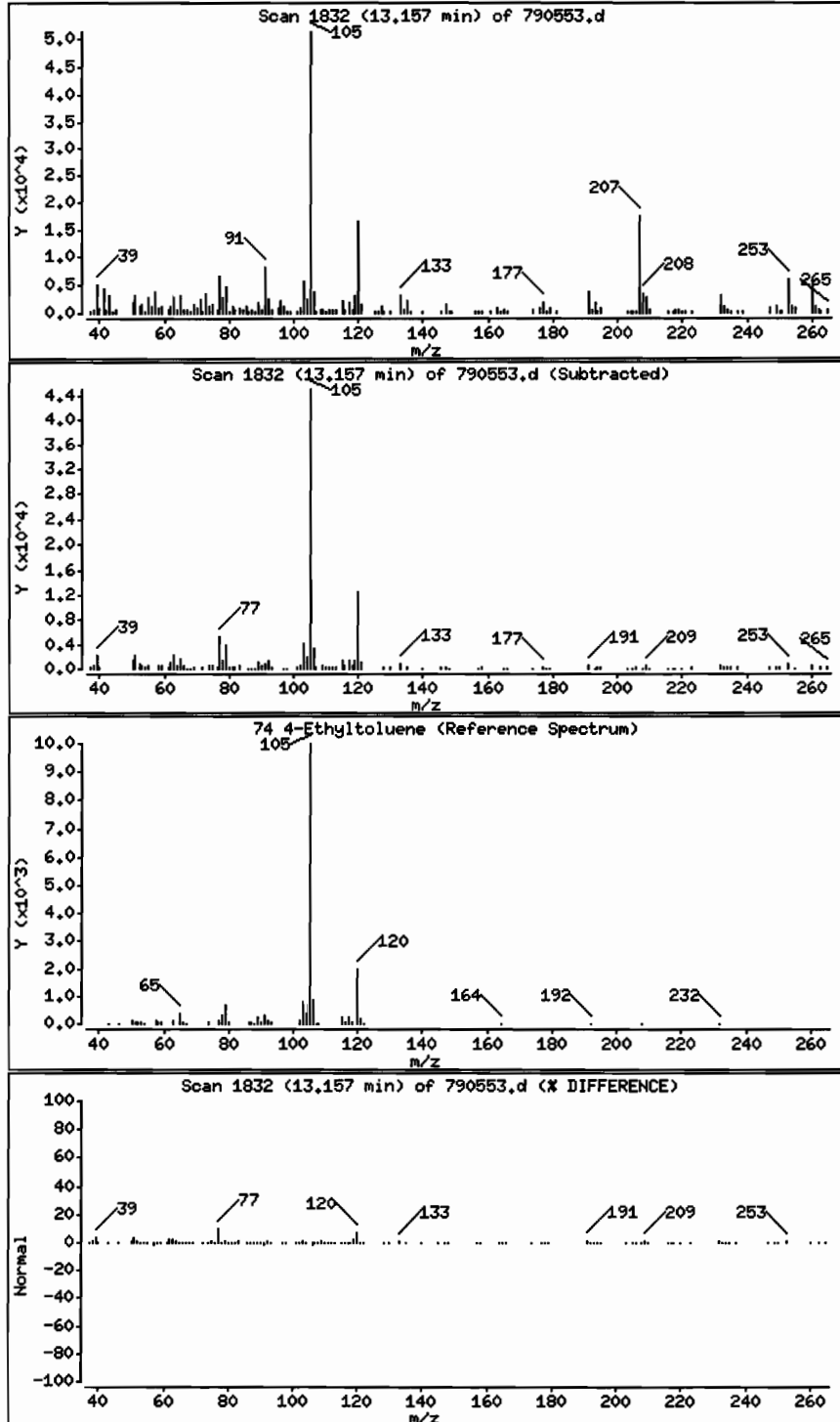
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

74 4-Ethyltoluene

Concentration: 0.93 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N ;I 103/26/09 @1655(AIR)

Purge Volume: 200.0

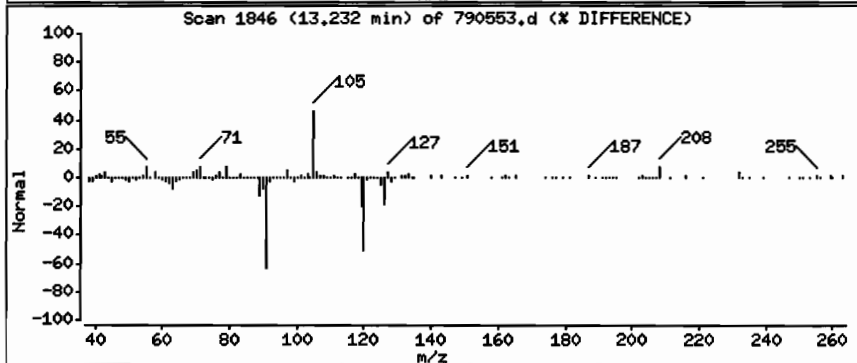
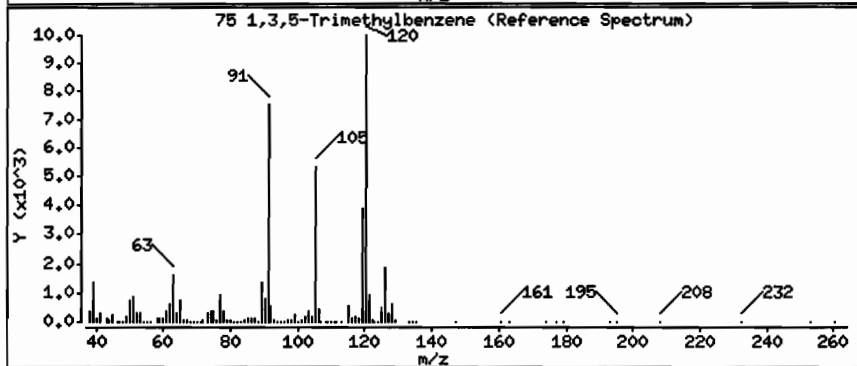
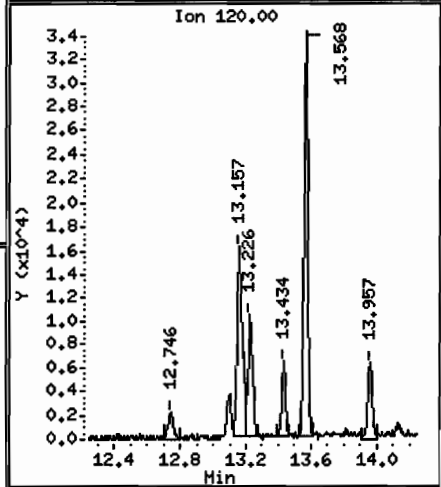
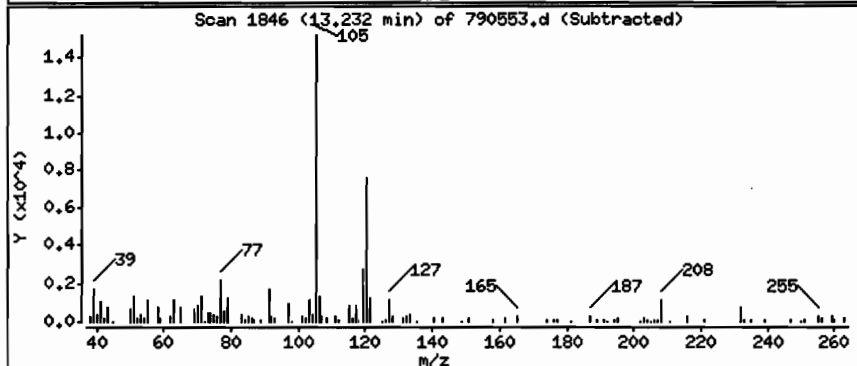
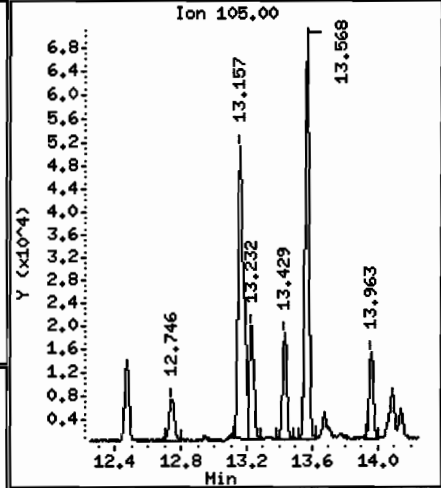
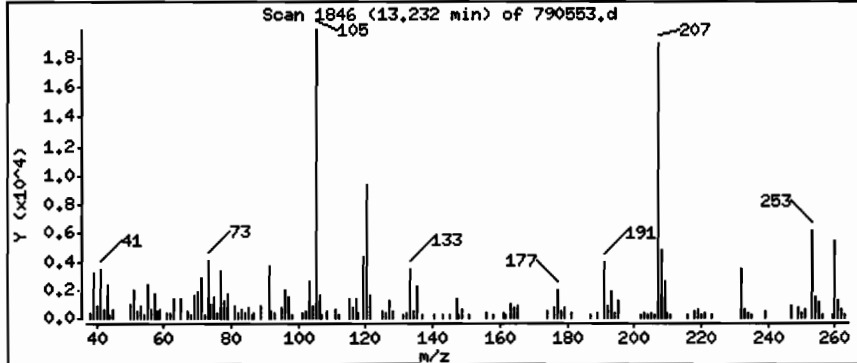
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

75 1,3,5-Trimethylbenzene

Concentration: 0.32 ppbv



Date : 31-MAR-2009 14:00

Client ID: 0326H-FF-03N

Instrument: C.i

Sample Info: 20090326H-FF-03N : [103/26/09 @1655(AIR)

Purge Volume: 200.0

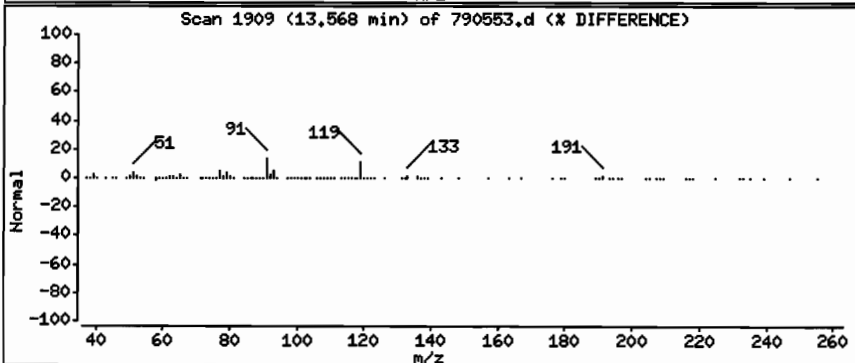
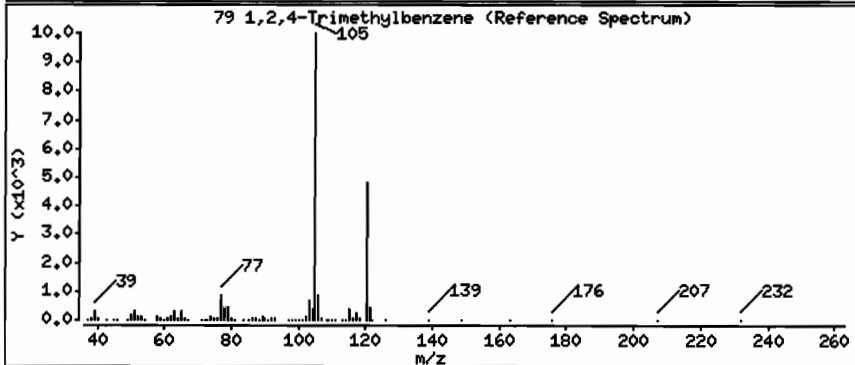
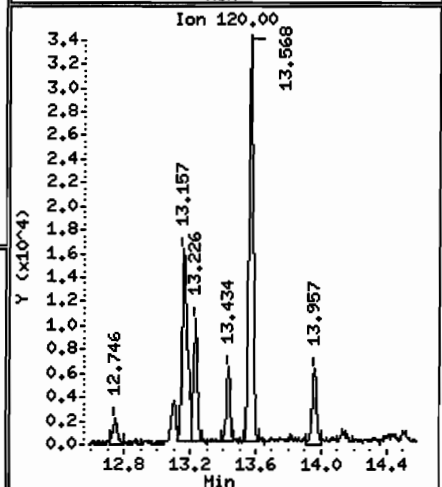
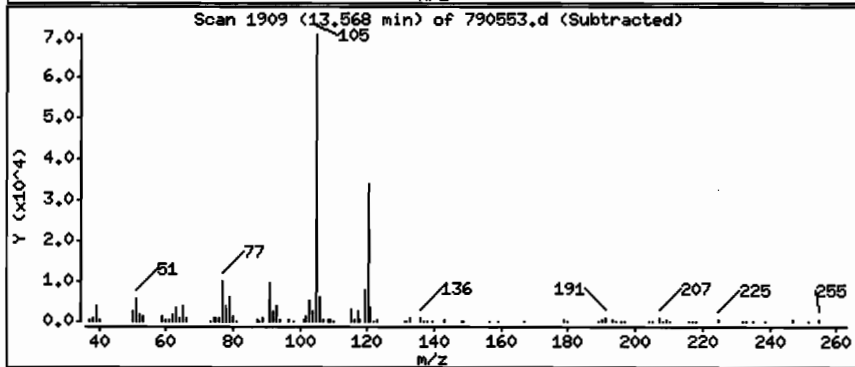
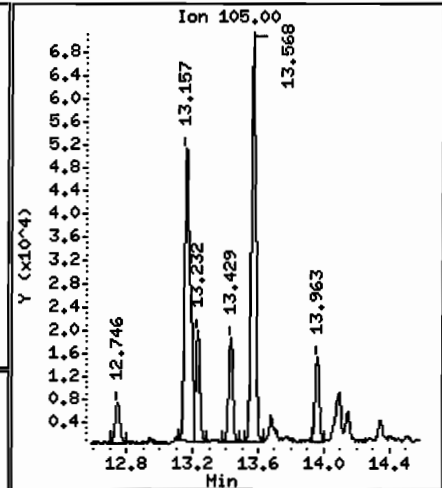
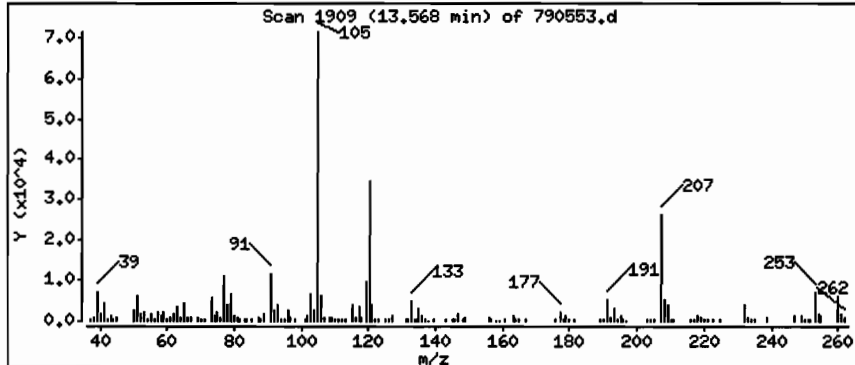
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

79 1,2,4-Trimethylbenzene

Concentration: 1.1 ppbv

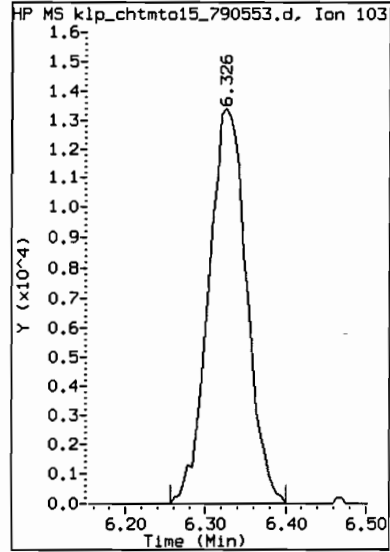
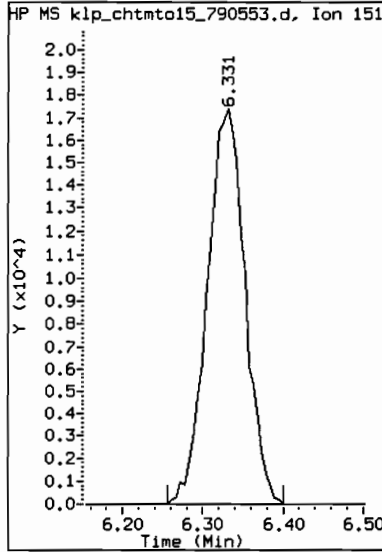
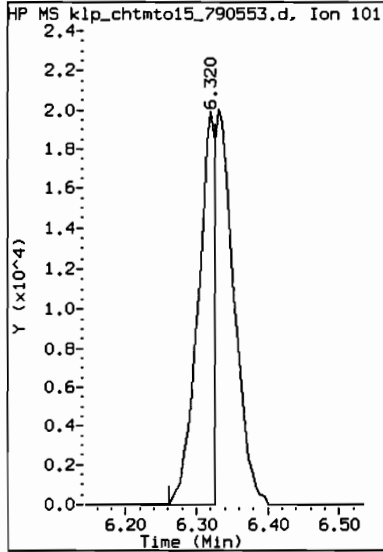


MANUAL INTEGRATION REPORT

Data File Name: 790553.d
Client Sample ID: 0326H-FF-03N
Compound Name: Freon TF

Inj. Date and Time: 31-MAR-2009 14:00
Instrument ID: C.i
CAS #: 76-13-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 04/21/2009 21:20

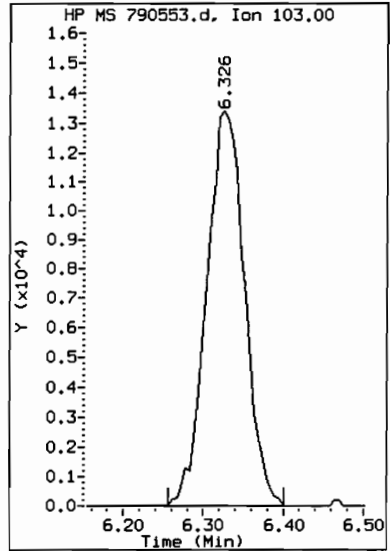
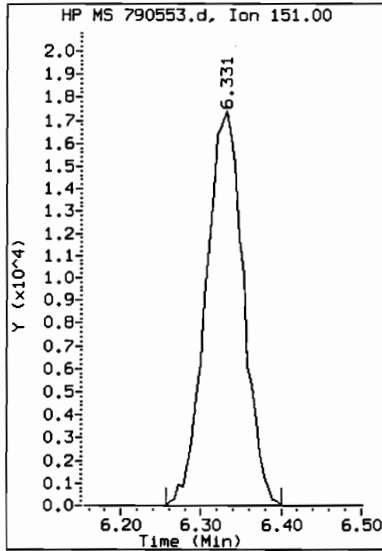
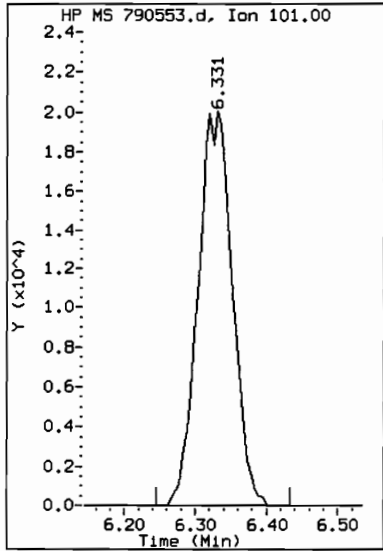


Original Integrations:

Area = 33735

Area = 56500

Area = 44024



Final Integrations:

Area = 66955

Area = 56500

Area = 44024

Manual Integration Reason: MI1 - Poor automated baseline

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-OA-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790554

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790554

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.56	
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U
74-87-3	Chloromethane	0.72	
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	0.26	
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
78-93-3	Methyl Ethyl Ketone	0.89	
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	0.38	
540-59-0	1,2-Dichloroethene (total)	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

ROHHAA SAMPLE NO.

0326H-OA-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790554

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790554

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	2.6	
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	0.41	
1330-20-7	Xylene (m,p)	1.4	
95-47-6	Xylene (o)	0.40	
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
1330-20-7	Xylene (total)	1.9	
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-OA-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790554

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790554

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

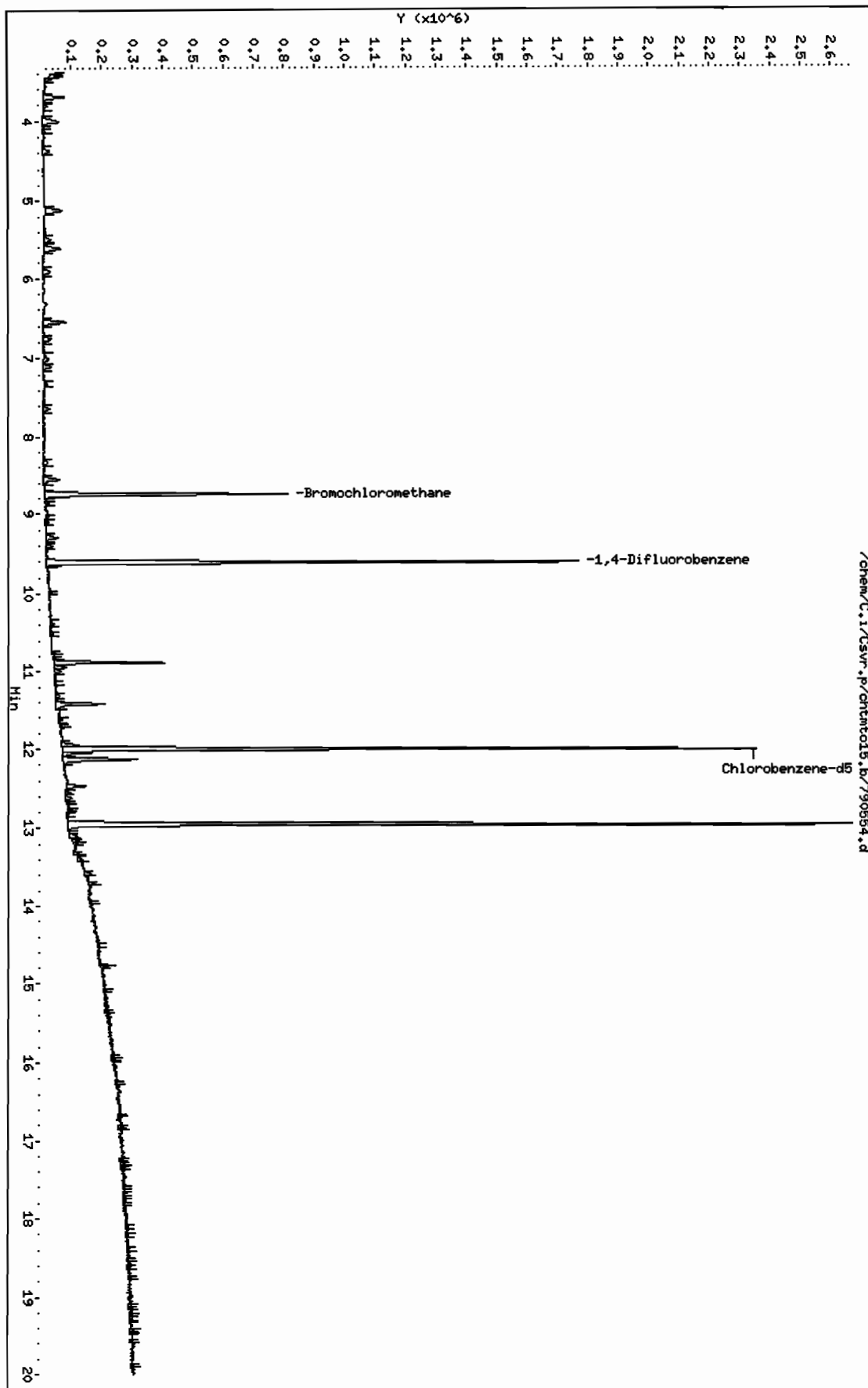
Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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30.				

FORM I VOA-TIC

Data File: /chem/C.i/Csvr.p/chtmt015.b/790554.d
Date: 31-MAR-2009 14:47
Client ID: 0326H-06-01N
Sample Info: 20090326H-06-01N : I 103/26/09 01529(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790554.d
 Lab Smp Id: 790554 Client Smp ID: 0326H-OA-01N
 Inj Date : 31-MAR-2009 14:47
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-OA-01N :[]03/26/09 @1529(AIR)
 Misc Info : 790554;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.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 (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.433	3.433	(0.393)	49877	0.55724	0.56
3 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
4 Chloromethane	50	3.807	3.812	(0.435)	19103	0.72486	0.72
6 Vinyl Chloride	62	Compound Not Detected.					
7 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.493	5.504	(0.628)	22532	0.26438	0.26
17 Freon TF	101	Compound Not Detected.					
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	Compound Not Detected.					
20 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
22 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
24 Methylene Chloride	49				Compound Not Detected.		
25 tert-Butyl Alcohol	59				Compound Not Detected.		
26 Methyl tert-Butyl Ether	73				Compound Not Detected.		
27 trans-1,2-Dichloroethene	61				Compound Not Detected.		
28 n-Hexane	57				Compound Not Detected.		
29 1,1-Dichloroethane	63				Compound Not Detected.		
30 Methyl Ethyl Ketone	72	8.551	8.525	(0.978)	9153	0.88910	0.89(Q)
31 cis-1,2-Dichloroethene	96				Compound Not Detected.		
* 32 Bromochloromethane	128	8.743	8.765	(1.000)	221820	10.0000	(Q)
33 Tetrahydrofuran	42				Compound Not Detected.		
34 Chloroform	83				Compound Not Detected.		
35 1,1,1-Trichloroethane	97				Compound Not Detected.		
36 Cyclohexane	84				Compound Not Detected.		
37 Carbon Tetrachloride	117				Compound Not Detected.		
38 2,2,4-Trimethylpentane	57				Compound Not Detected.		
39 Benzene	78	9.298	9.314	(0.968)	29323	0.38335	0.38
M 40 1,2-Dichloroethene (total)	61				Compound Not Detected.		
41 1,2-Dichloroethane	62				Compound Not Detected.		
42 n-Heptane	43				Compound Not Detected.		
* 43 1,4-Difluorobenzene	114	9.603	9.619	(1.000)	1337837	10.0000	
45 Trichloroethene	95				Compound Not Detected.		
47 1,2-Dichloropropane	63				Compound Not Detected.		
48 1,4-Dioxane	88				Compound Not Detected.		
50 Bromodichloromethane	83				Compound Not Detected.		
51 cis-1,3-Dichloropropene	75				Compound Not Detected.		
52 Methyl Isobutyl Ketone	43				Compound Not Detected.		
54 Toluene	92	10.878	10.894	(0.907)	146450	2.56426	2.6
55 trans-1,3-Dichloropropene	75				Compound Not Detected.		
56 1,1,1-Trichloroethane	83				Compound Not Detected.		
57 Tetrachloroethene	166				Compound Not Detected.		
58 Methyl Butyl Ketone	43				Compound Not Detected.		
59 Dibromochloromethane	129				Compound Not Detected.		
60 1,2-Dibromoethane	107				Compound Not Detected.		
* 61 Chlorobenzene-d5	117	11.994	12.015	(1.000)	1250705	10.0000	
62 Chlorobenzene	112				Compound Not Detected.		
63 Ethylbenzene	91	12.047	12.063	(1.004)	47932	0.40896	0.41
64 Xylene (m,p)	106	12.132	12.148	(1.012)	65374	1.44233	1.4
65 Xylene (o)	106	12.469	12.485	(1.040)	17932	0.40358	0.40
66 Styrene	104				Compound Not Detected.		
67 Bromoform	173				Compound Not Detected.		
69 1,1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
M 70 Xylene (total)	106				83306	1.87490	1.9
74 4-Ethyltoluene	105				Compound Not Detected.		
75 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
76 2-Chlorotoluene	91				Compound Not Detected.		
79 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
82 1,3-Dichlorobenzene	146				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	=====	=====	-----	-----	
83 1,4-Dichlorobenzene	146				Compound Not Detected.		
88 1,2-Dichlorobenzene	146				Compound Not Detected.		
90 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
91 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/chtmt015.b/790554.d
Report Date: 21-Apr-2009 21:21

Page 4

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790554.d
Lab Smp Id: 790554 Client Smp ID: 0326H-OA-01N
Inj Date : 31-MAR-2009 14:47
Operator : pad Inst ID: C.i
Smp Info : 20090326H-OA-01N :[]03/26/09 @1529(AIR)
Misc Info : 790554;033009CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Date : 31-HAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N ;[103/26/09 @1529(AIR)

Purge Volume: 200.0

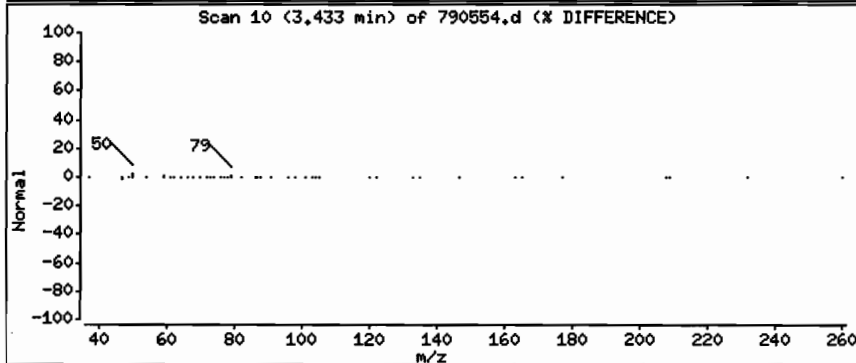
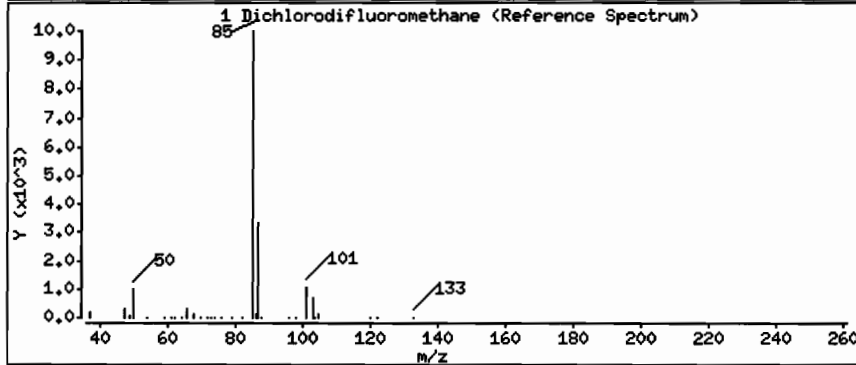
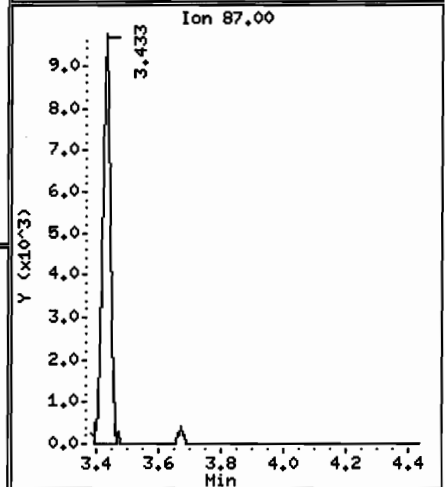
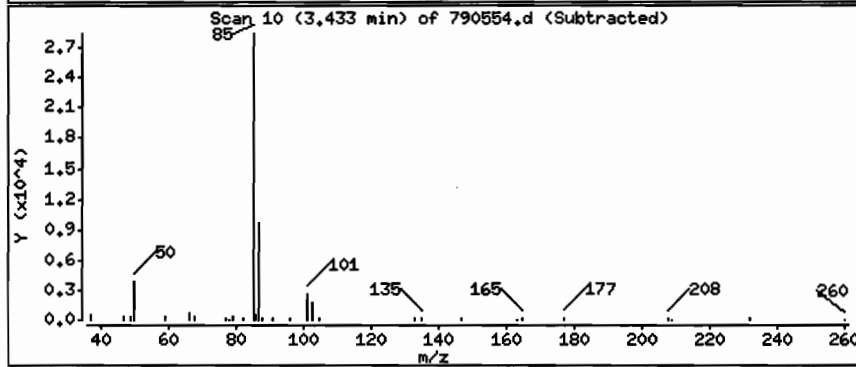
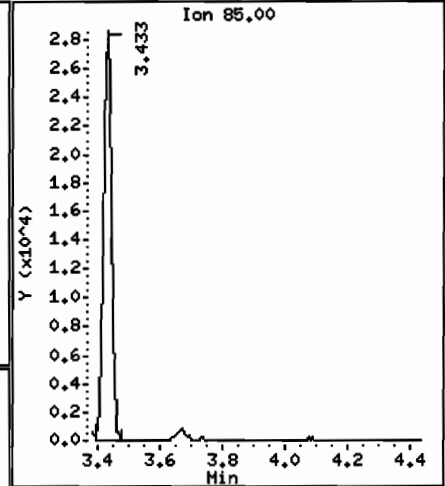
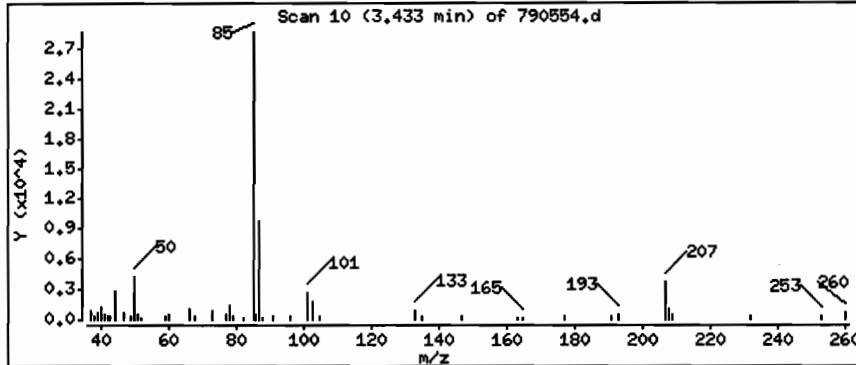
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.56 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N ;[103/26/09 @1529(AIR)

Purge Volume: 200.0

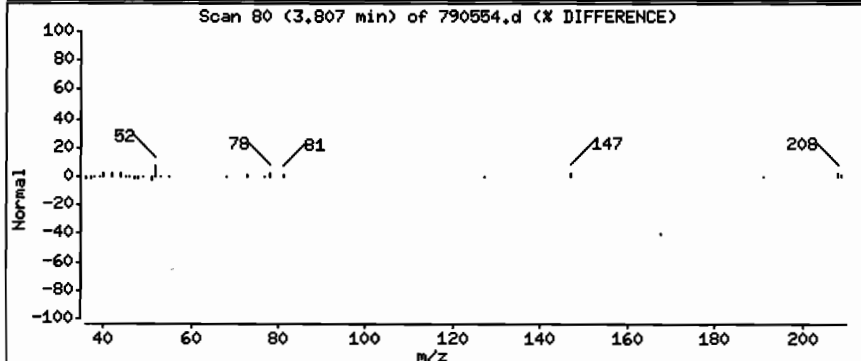
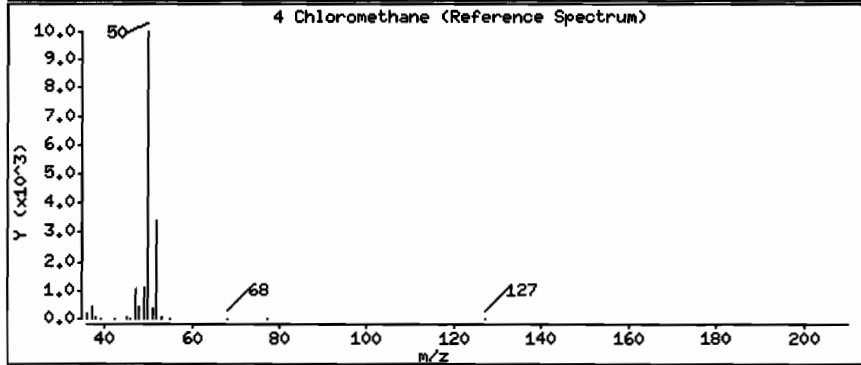
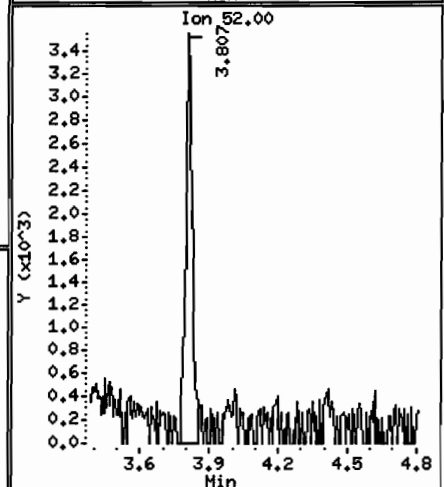
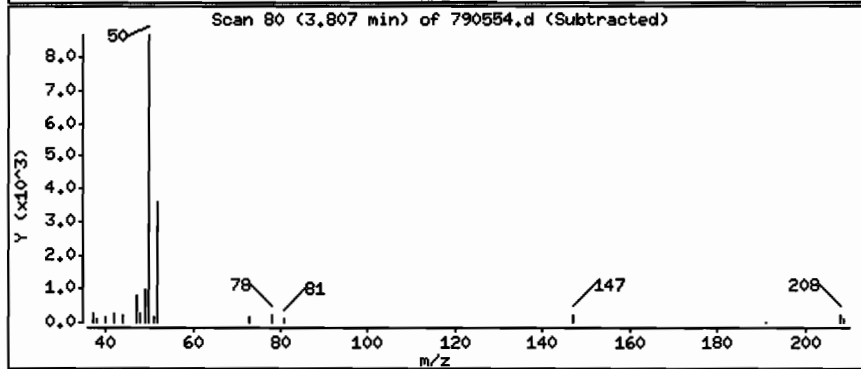
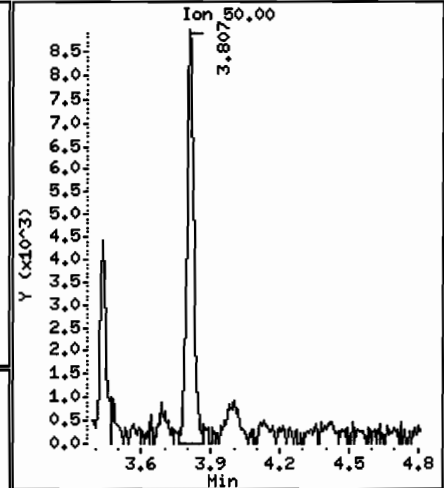
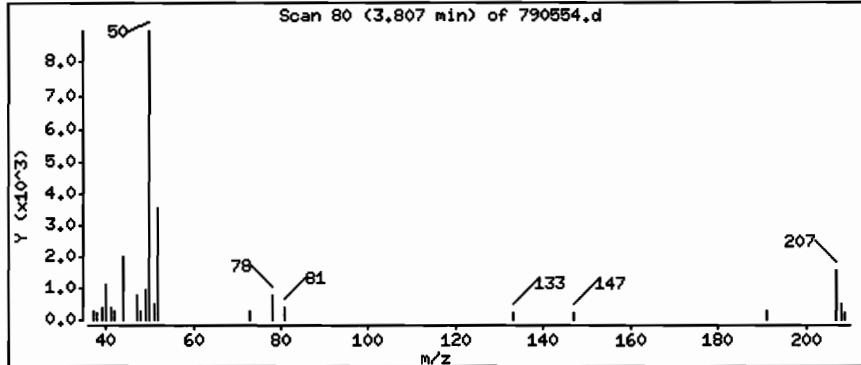
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

4 Chloromethane

Concentration: 0.72 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N ;[103/26/09 @1529(AIR)

Purge Volume: 200.0

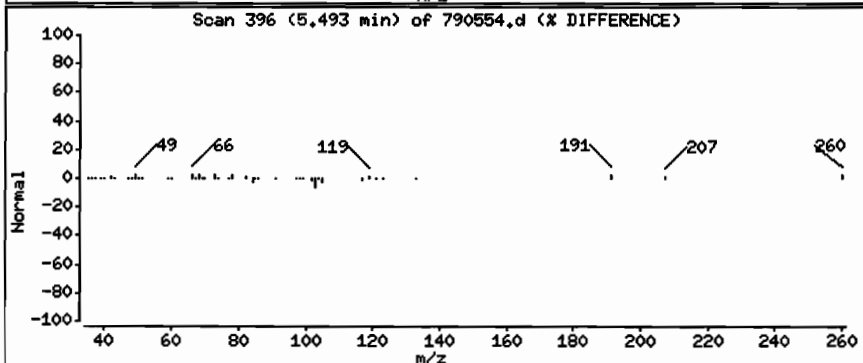
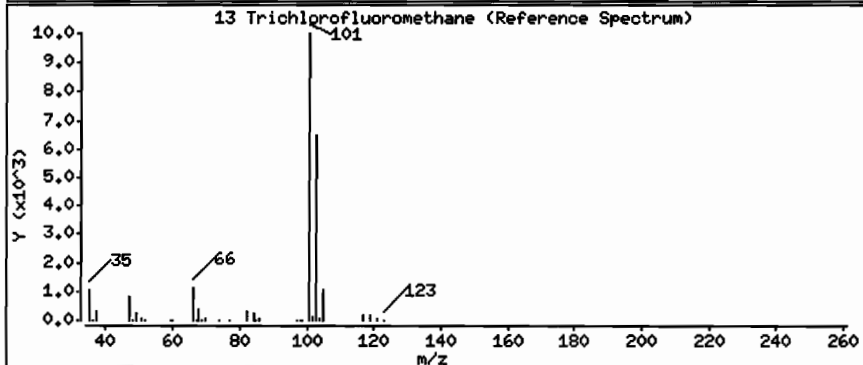
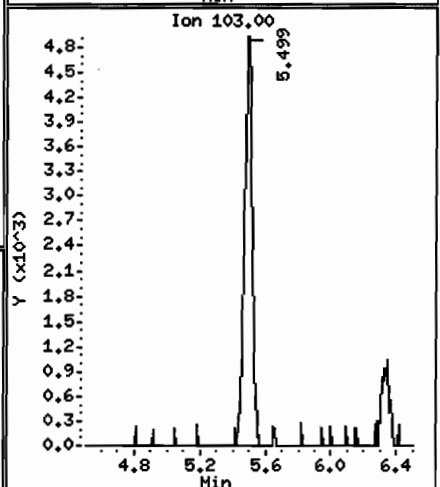
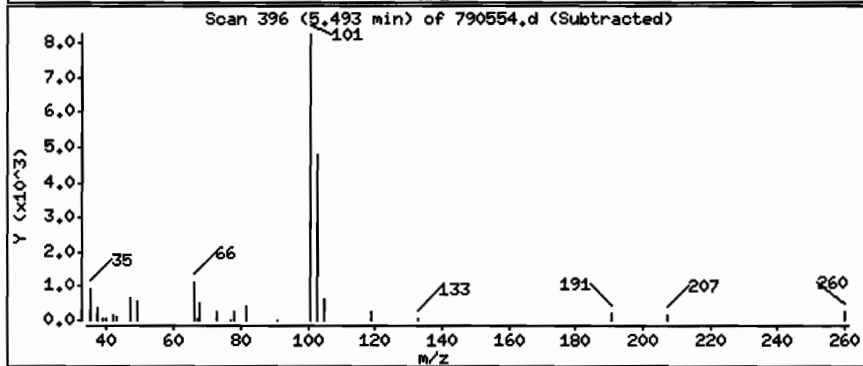
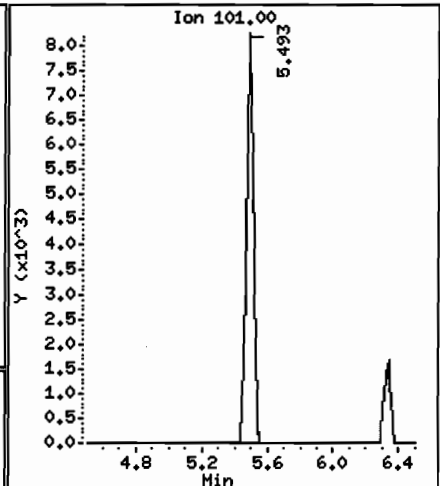
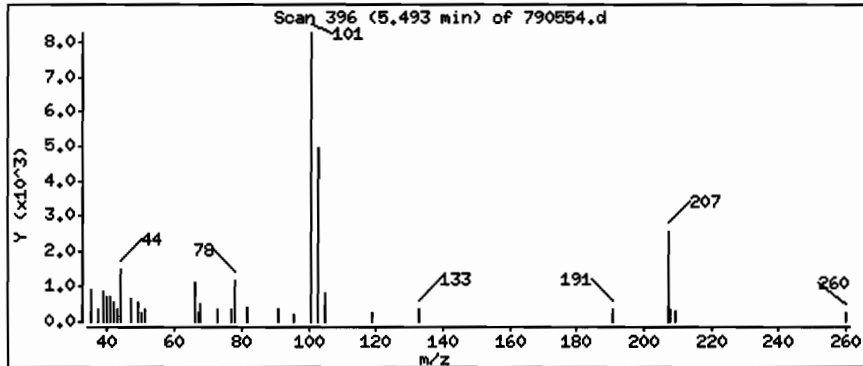
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

13 Trichlorofluoromethane

Concentration: 0.26 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N ;[103/26/09 @1529(AIR)

Purge Volume: 200.0

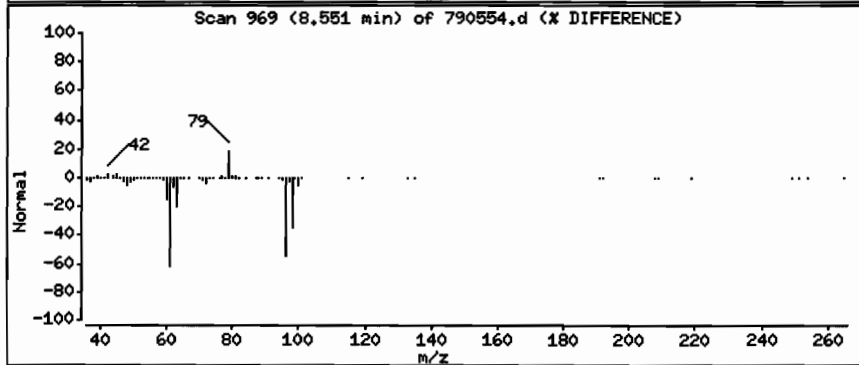
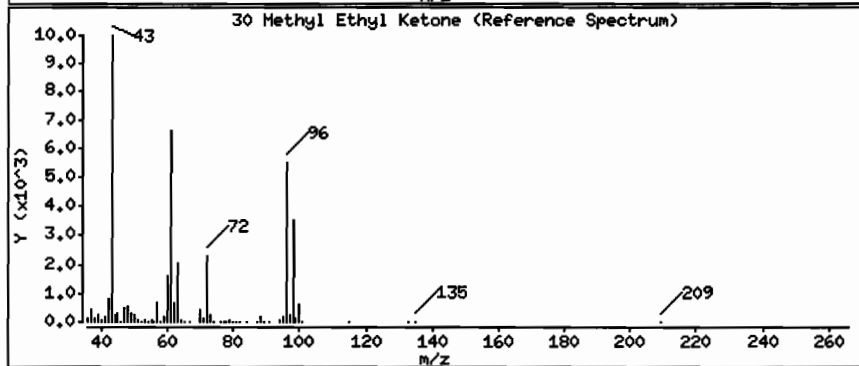
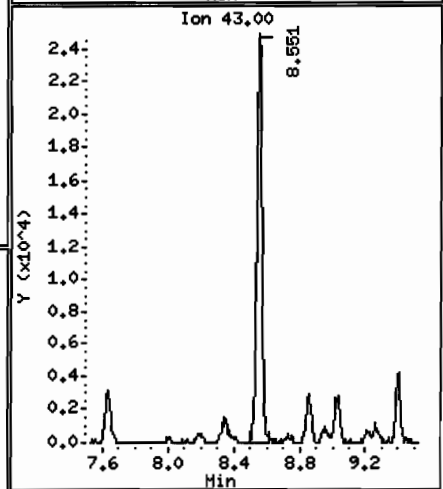
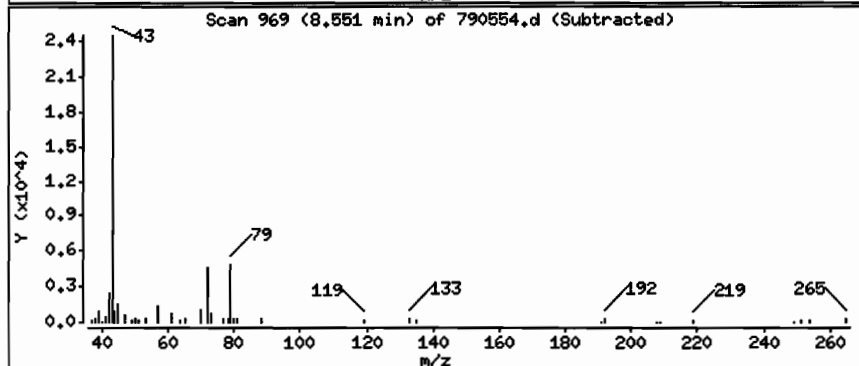
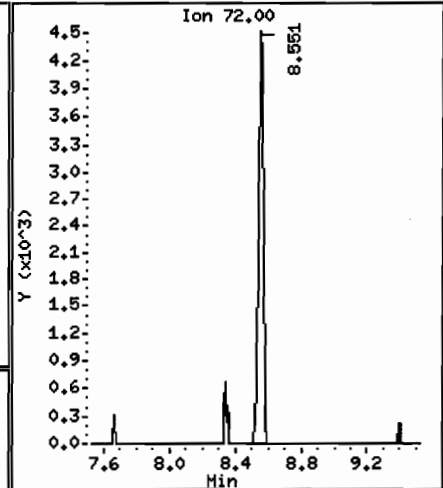
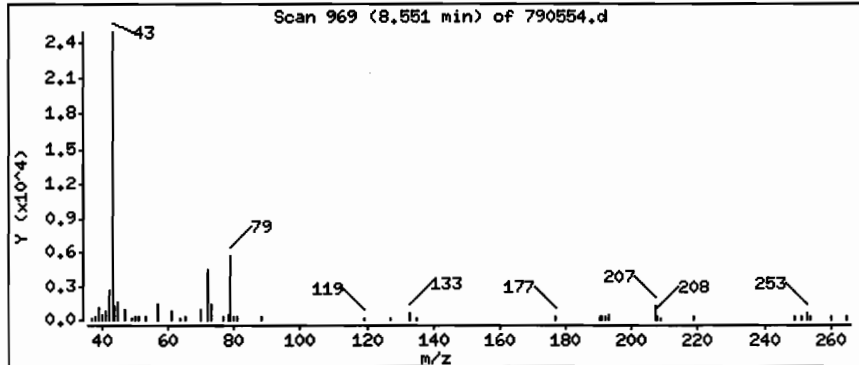
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

30 Methyl Ethyl Ketone

Concentration: 0.89 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N ;[103/26/09 01529(AIR)

Purge Volume: 200.0

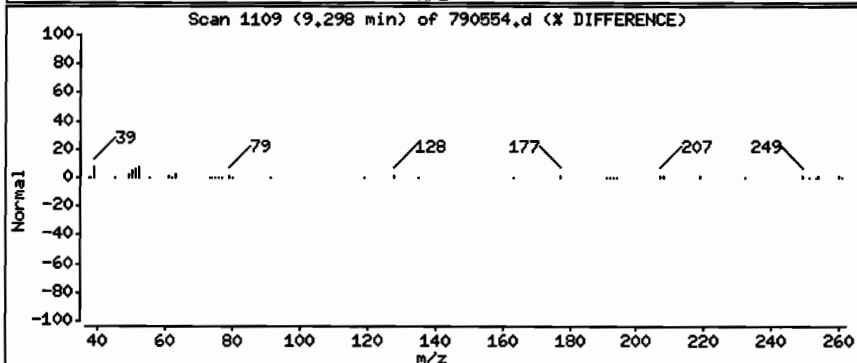
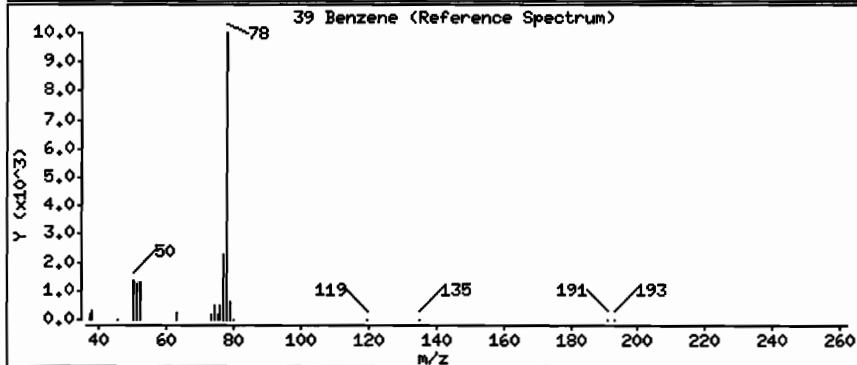
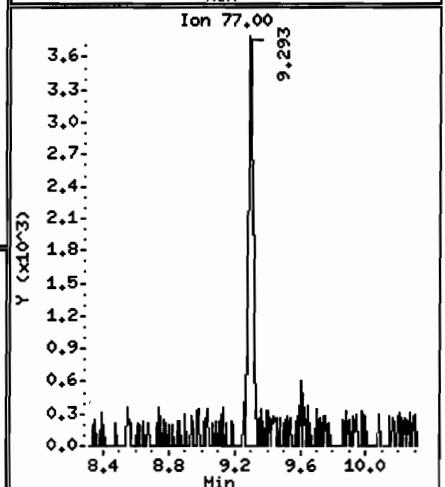
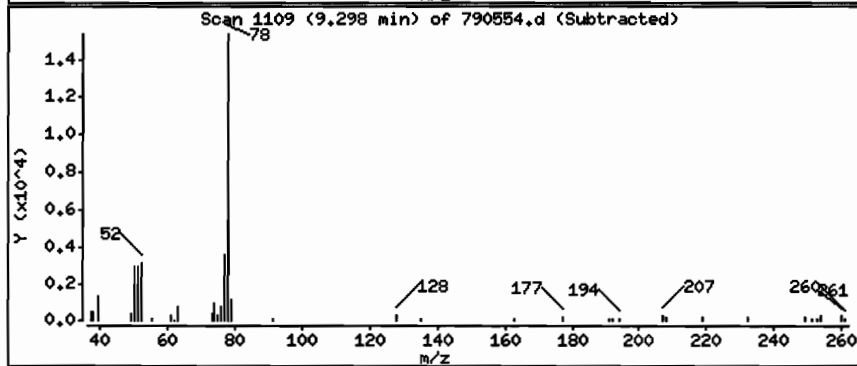
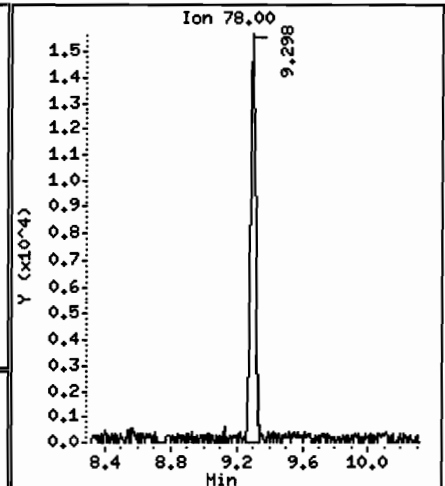
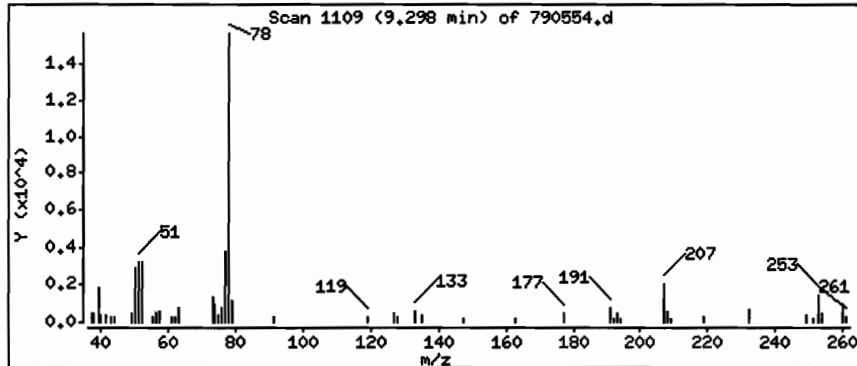
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

39 Benzene

Concentration: 0.38 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N :[103/26/09 @1529(AIR)

Purge Volume: 200.0

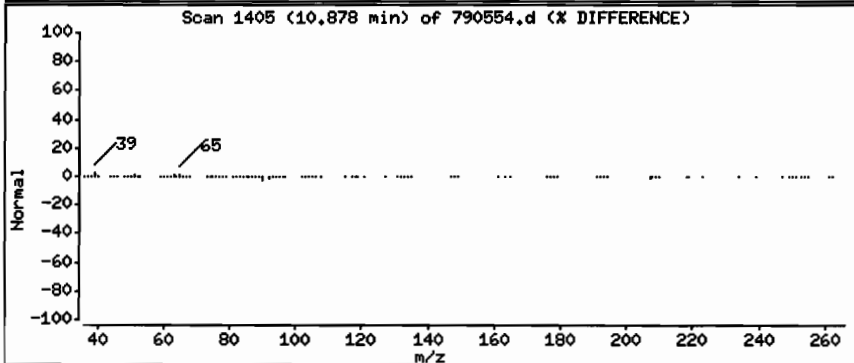
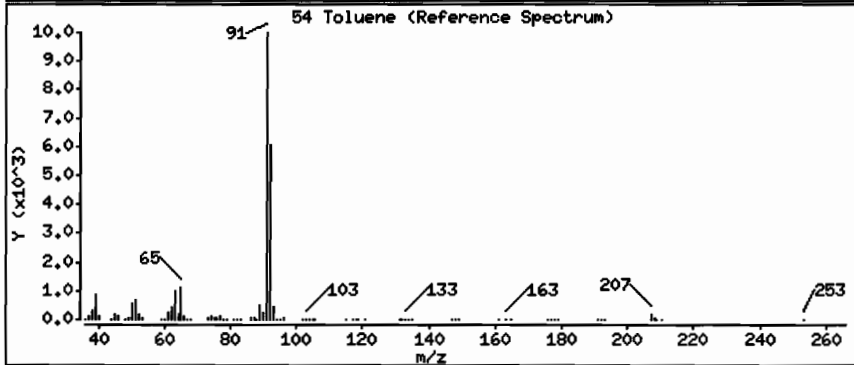
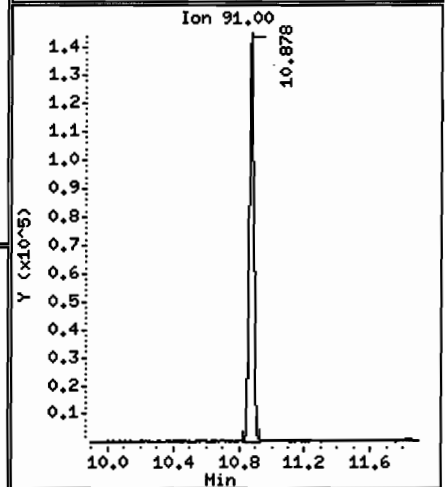
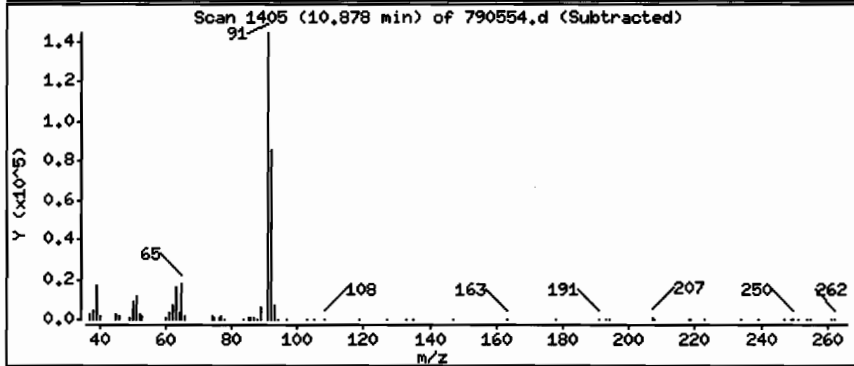
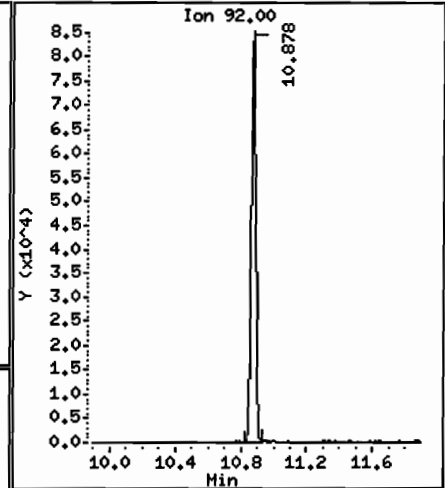
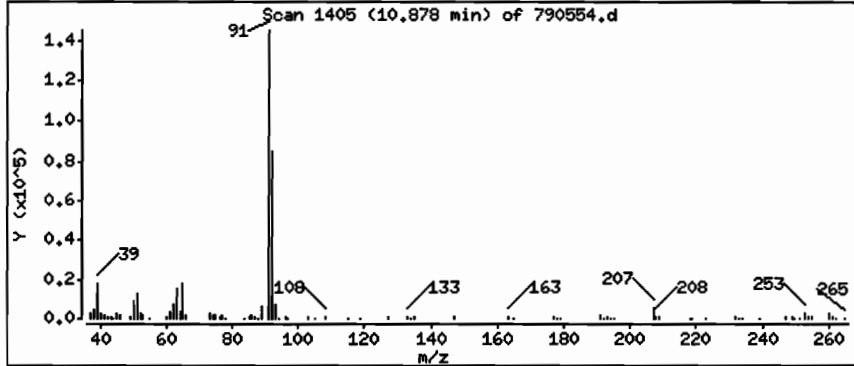
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

54 Toluene

Concentration: 2.6 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N ;[103/26/09 @1529(AIR)

Purge Volume: 200.0

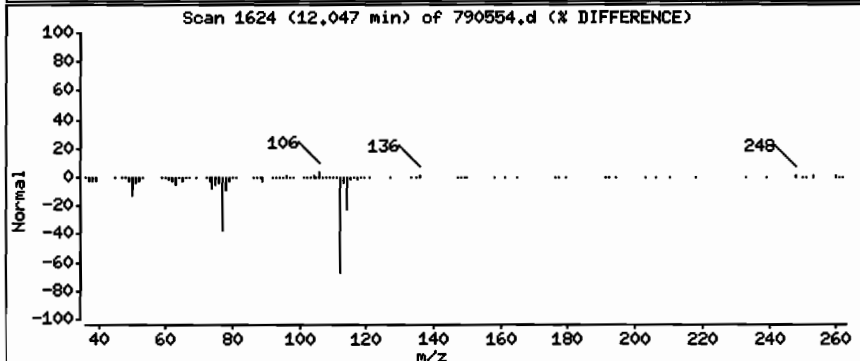
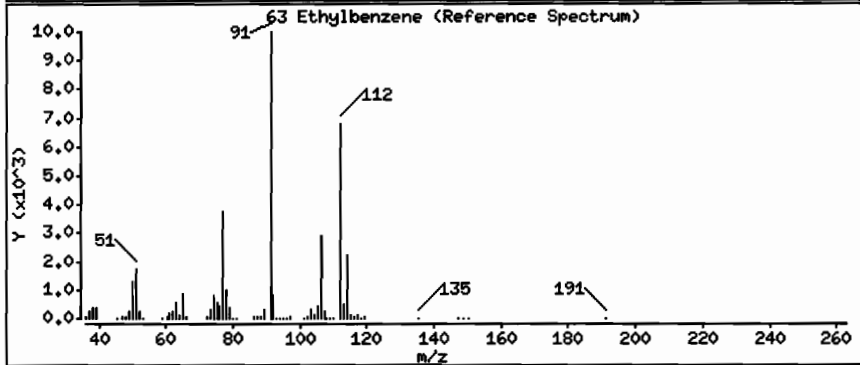
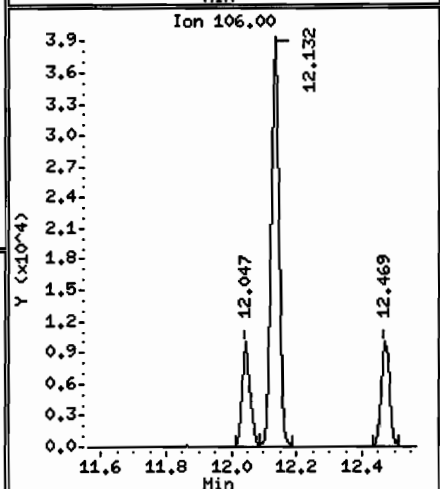
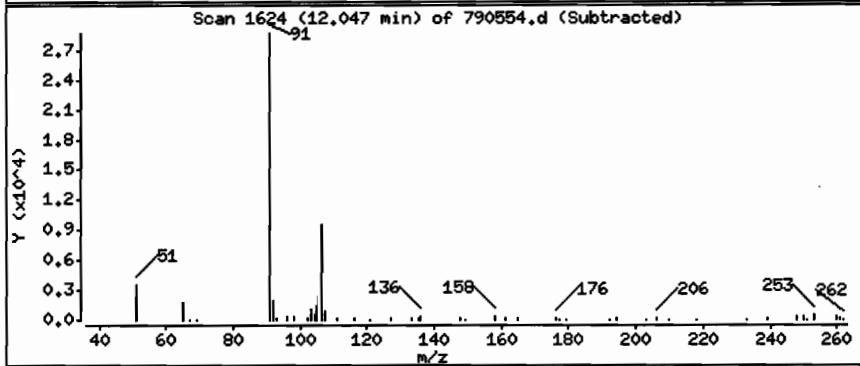
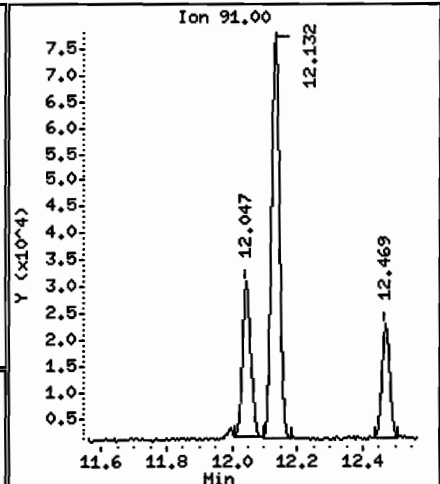
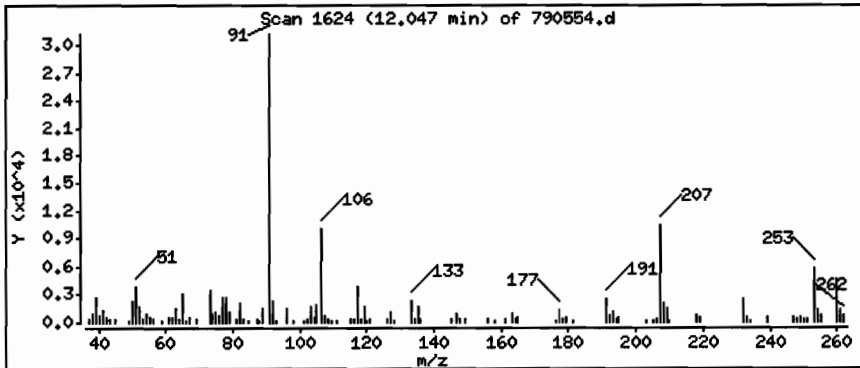
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

63 Ethylbenzene

Concentration: 0.41 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N ;[103/26/09 01529(AIR)

Purge Volume: 200.0

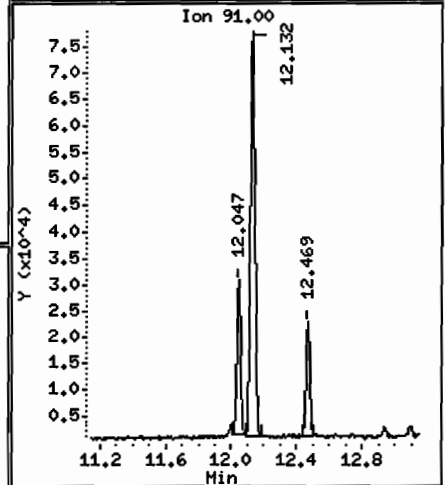
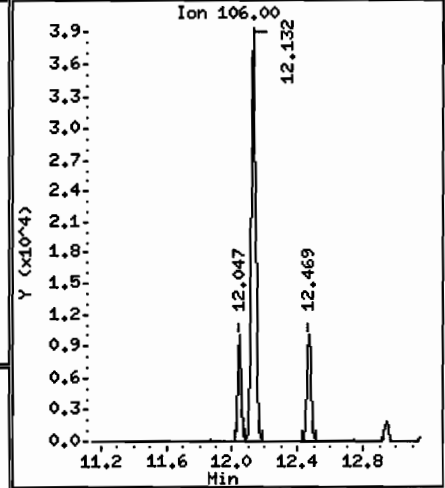
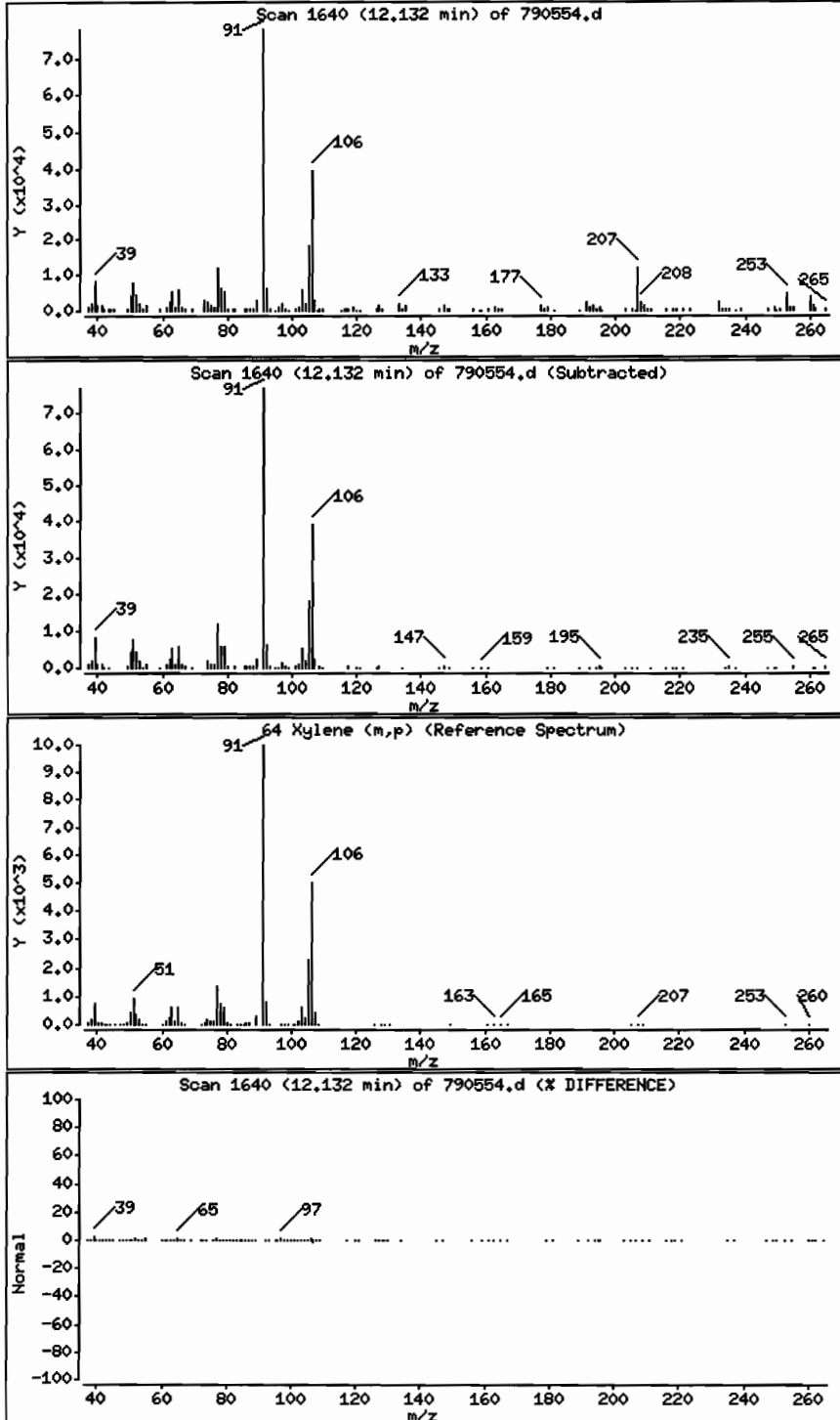
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

64 Xylene (m,p)

Concentration: 1.4 ppbv



Date : 31-MAR-2009 14:47

Client ID: 0326H-0A-01N

Instrument: C.i

Sample Info: 20090326H-0A-01N :[103/26/09 @1529(AIR)

Purge Volume: 200.0

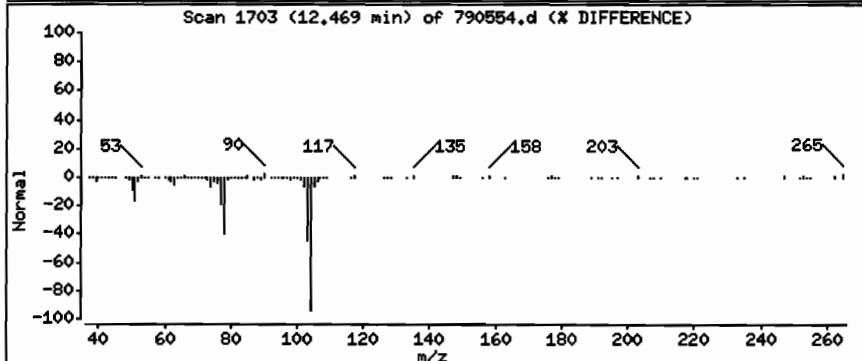
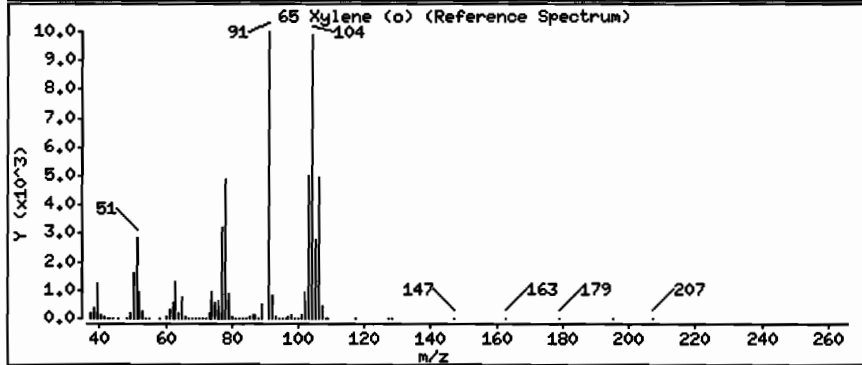
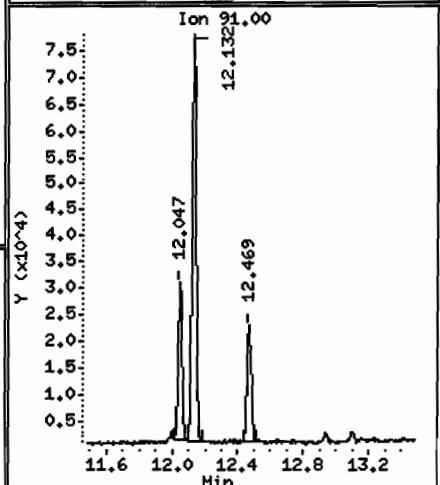
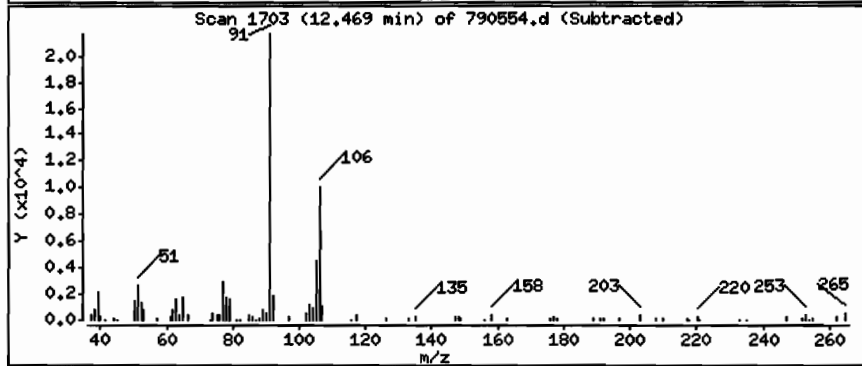
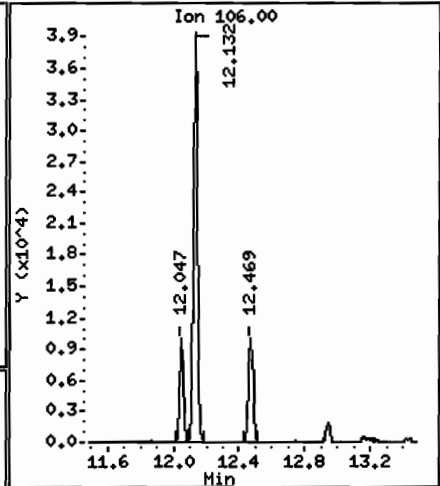
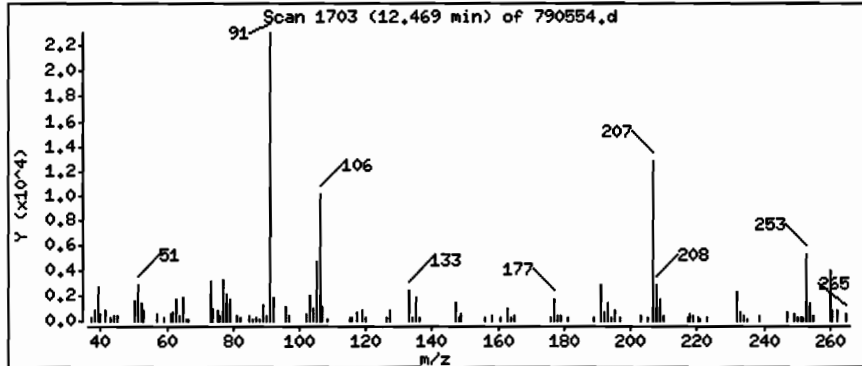
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

65 Xylene (o)

Concentration: 0.40 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-SS-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790547

Sample wt/vol: 28.00 (g/mL) ML Lab File ID: 790547D2

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 29.1

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	15	U
76-14-2	1,2-Dichlorotetrafluoroethan	5.8	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	5.8	U
106-99-0	1,3-Butadiene	15	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	15	U
593-60-2	Bromoethene	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
76-13-1	Freon TF	610	
75-35-4	1,1-Dichloroethene	5.8	U
67-64-1	Acetone	150	U
67-63-0	Isopropyl Alcohol	150	U
75-15-0	Carbon Disulfide	15	U
107-05-1	3-Chloropropene	15	U
75-09-2	Methylene Chloride	15	U
75-65-0	tert-Butyl Alcohol	150	U
1634-04-4	Methyl tert-Butyl Ether	15	U
156-60-5	trans-1,2-Dichloroethene	5.8	U
110-54-3	n-Hexane	15	U
75-34-3	1,1-Dichloroethane	5.8	U
78-93-3	Methyl Ethyl Ketone	15	U
156-59-2	cis-1,2-Dichloroethene	5.8	U
109-99-9	Tetrahydrofuran	150	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	5.8	U
110-82-7	Cyclohexane	5.8	U
56-23-5	Carbon Tetrachloride	5.8	U
540-84-1	2,2,4-Trimethylpentane	5.8	U
71-43-2	Benzene	5.8	U
540-59-0	1,2-Dichloroethene (total)	5.8	U
107-06-2	1,2-Dichloroethane	5.8	U
142-82-5	n-Heptane	5.8	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-SS-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790547

Sample wt/vol: 28.00 (g/mL) ML Lab File ID: 790547D2

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 29.1

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

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

79-01-6-----	Trichloroethene	5.8	U
78-87-5-----	1,2-Dichloropropane	5.8	U
123-91-1-----	1,4-Dioxane	150	U
75-27-4-----	Bromodichloromethane	5.8	U
10061-01-5-----	cis-1,3-Dichloropropene	5.8	U
108-10-1-----	Methyl Isobutyl Ketone	15	U
108-88-3-----	Toluene	5.8	U
10061-02-6-----	trans-1,3-Dichloropropene	5.8	U
79-00-5-----	1,1,2-Trichloroethane	5.8	U
127-18-4-----	Tetrachloroethene	7.4	
591-78-6-----	Methyl Butyl Ketone	15	U
124-48-1-----	Dibromochloromethane	5.8	U
106-93-4-----	1,2-Dibromoethane	5.8	U
108-90-7-----	Chlorobenzene	5.8	U
100-41-4-----	Ethylbenzene	12	
1330-20-7-----	Xylene (m,p)	63	
95-47-6-----	Xylene (o)	67	
100-42-5-----	Styrene	5.8	U
75-25-2-----	Bromoform	5.8	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.8	U
1330-20-7-----	Xylene (total)	130	
622-96-8-----	4-Ethyltoluene	110	
108-67-8-----	1,3,5-Trimethylbenzene	89	
95-49-8-----	2-Chlorotoluene	5.8	U
95-63-6-----	1,2,4-Trimethylbenzene	260	
541-73-1-----	1,3-Dichlorobenzene	5.8	U
106-46-7-----	1,4-Dichlorobenzene	5.8	U
95-50-1-----	1,2-Dichlorobenzene	5.8	U
120-82-1-----	1,2,4-Trichlorobenzene	15	U
87-68-3-----	Hexachlorobutadiene	5.8	U

FORM I VOA

FORM 1
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-SS-01N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790547

Sample wt/vol: 28.00 (g/mL) ML Lab File ID: 790547D2

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 29.1

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

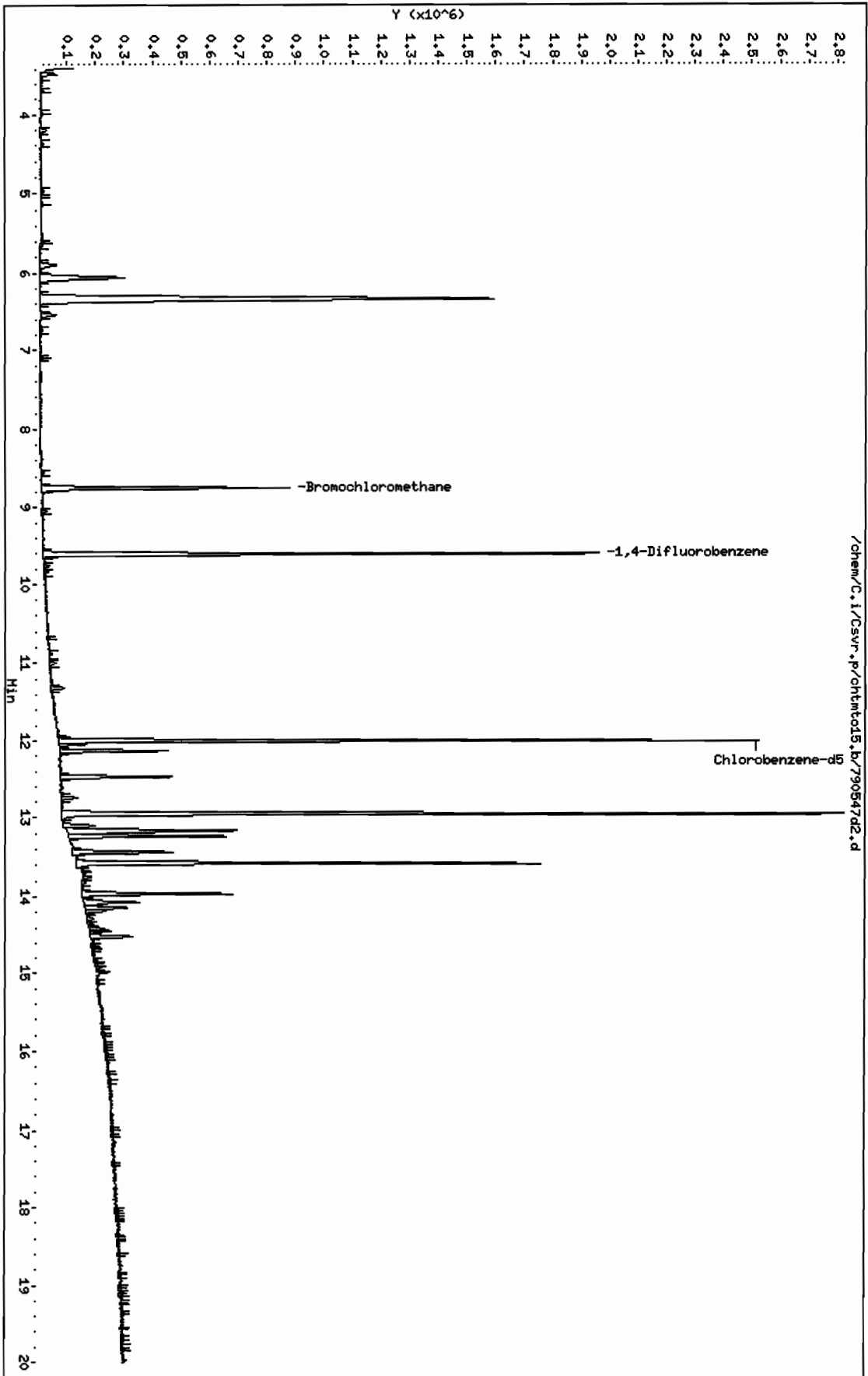
Number TICs found: 1 CONCENTRATION UNITS:
 (ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 354-23-4	ETHANE, 1,2-DICHLORO-1,1,2-T	6.05	150	NJ
2.				
3.				
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28.				
29.				
30.				

FORM I VOA-TIC

Data File: /chem/C.i/Csvr.p/chtnt015.b/79054702.d
Date : 31-MAR-2009 13:13
Client ID: 0326H-SS-01N
Sample Info: 20090326H-SS-01N : I 103/26/09 01715(AIR)
Purge Volume: 28.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790547d2.d
 Lab Smp Id: 790547 Client Smp ID: 0326H-SS-01N
 Inj Date : 31-MAR-2009 13:13
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-SS-01N :[]03/26/09 @1715(AIR)
 Misc Info : 790547;033009CA;29.1;28;cdf4.08
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 11
 Dil Factor: 29.10000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	29.10000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	28.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85						
3 1,2-Dichlorotetrafluoroethane	85						
4 Chloromethane	50						
6 Vinyl Chloride	62						
7 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
12 Bromoethene	106						
13 Trichlorofluoromethane	101						
17 Freon TF	101	6.331	6.347	(0.724)	1044453	21.0058	610
18 1,1-Dichloroethene	96						
19 Acetone	43						
20 Isopropyl Alcohol	45						
21 Carbon Disulfide	76						
22 3-Chloropropene	41						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		
						ON-COLUMN (ppbv)	FINAL (ppbv)	
24 Methylene Chloride	49	Compound Not Detected.						
25 tert-Butyl Alcohol	59	Compound Not Detected.						
26 Methyl tert-Butyl Ether	73	Compound Not Detected.						
27 trans-1,2-Dichloroethene	61	Compound Not Detected.						
28 n-Hexane	57	Compound Not Detected.						
29 1,1-Dichloroethane	63	Compound Not Detected.						
30 Methyl Ethyl Ketone	72	Compound Not Detected.						
31 cis-1,2-Dichloroethene	96	Compound Not Detected.						
* 32 Bromochloromethane	128	8.743	8.765	(1.000)	237750	10.0000	(Q)	
33 Tetrahydrofuran	42	Compound Not Detected.						
34 Chloroform	83	Compound Not Detected.						
35 1,1,1-Trichloroethane	97	Compound Not Detected.						
36 Cyclohexane	84	Compound Not Detected.						
37 Carbon Tetrachloride	117	Compound Not Detected.						
38 2,2,4-Trimethylpentane	57	Compound Not Detected.						
39 Benzene	78	Compound Not Detected.						
M 40 1,2-Dichloroethene (total)	61	Compound Not Detected.						
41 1,2-Dichloroethane	62	Compound Not Detected.						
42 n-Heptane	43	Compound Not Detected.						
* 43 1,4-Difluorobenzene	114	9.602	9.619	(1.000)	1488145	10.0000		
45 Trichloroethene	95	Compound Not Detected.						
47 1,2-Dichloropropane	63	Compound Not Detected.						
48 1,4-Dioxane	88	Compound Not Detected.						
50 Bromodichloromethane	83	Compound Not Detected.						
51 cis-1,3-Dichloropropene	75	Compound Not Detected.						
52 Methyl Isobutyl Ketone	43	Compound Not Detected.						
54 Toluene	92	Compound Not Detected.						
55 trans-1,3-Dichloropropene	75	Compound Not Detected.						
56 1,1,2-Trichloroethane	83	Compound Not Detected.						
57 Tetrachloroethene	166	11.316	11.326	(0.943)	14998	0.25327	7.4	
58 Methyl Butyl Ketone	43	Compound Not Detected.						
59 Dibromochloromethane	129	Compound Not Detected.						
60 1,2-Dibromoethane	107	Compound Not Detected.						
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1329161	10.0000		
62 Chlorobenzene	112	Compound Not Detected.						
63 Ethylbenzene	91	12.047	12.063	(1.004)	52423	0.42087	12	
64 Xylene (m,p)	106	12.132	12.148	(1.011)	104484	2.16913	63	
65 Xylene (o)	106	12.468	12.485	(1.039)	109252	2.31371	67	
66 Styrene	104	Compound Not Detected.						
67 Bromoform	173	Compound Not Detected.						
69 1,1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
M 70 Xylene (total)	106					213736	4.52644	130
74 4-Ethyltoluene	105	13.157	13.205	(1.097)	501323	3.81792	110	
75 1,3,5-Trimethylbenzene	105	13.232	13.248	(1.103)	338461	3.05428	89	
76 2-Chlorotoluene	91	Compound Not Detected.						
79 1,2,4-Trimethylbenzene	105	13.568	13.584	(1.131)	924766	8.84400	260	
82 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
===== 83 1,4-Dichlorobenzene	==== 146	--	-----	-----	-----	-----	
88 1,2-Dichlorobenzene	146						
90 1,2,4-Trichlorobenzene	180						
91 Hexachlorobutadiene	225						

QC Flag Legend

Q - Qualifier signal failed the ratio test.

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790547d2.d
 Lab Smp Id: 790547 Client Smp ID: 0326H-SS-01N
 Inj Date : 31-MAR-2009 13:13
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-SS-01N :[]03/26/09 @1715(AIR)
 Misc Info : 790547;033009CA;29.1;28;cdf4.08
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 11
 Dil Factor: 29.10000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	29.10000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	28.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 32 Bromochloromethane	8.743	1679950	10.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ppbv)	FINAL(ppbv)	QUAL	LIBRARY	LIB ENTRY	CPND #
6.053	877883	5.22564701	150	91	NBS75K.1	10049	32

Ethane, 1,2-dichloro-1,1,2-trifluoro-

CAS #: 354-23-4

Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N :I 103/26/09 @1715(AIR)

Purge Volume: 28.0

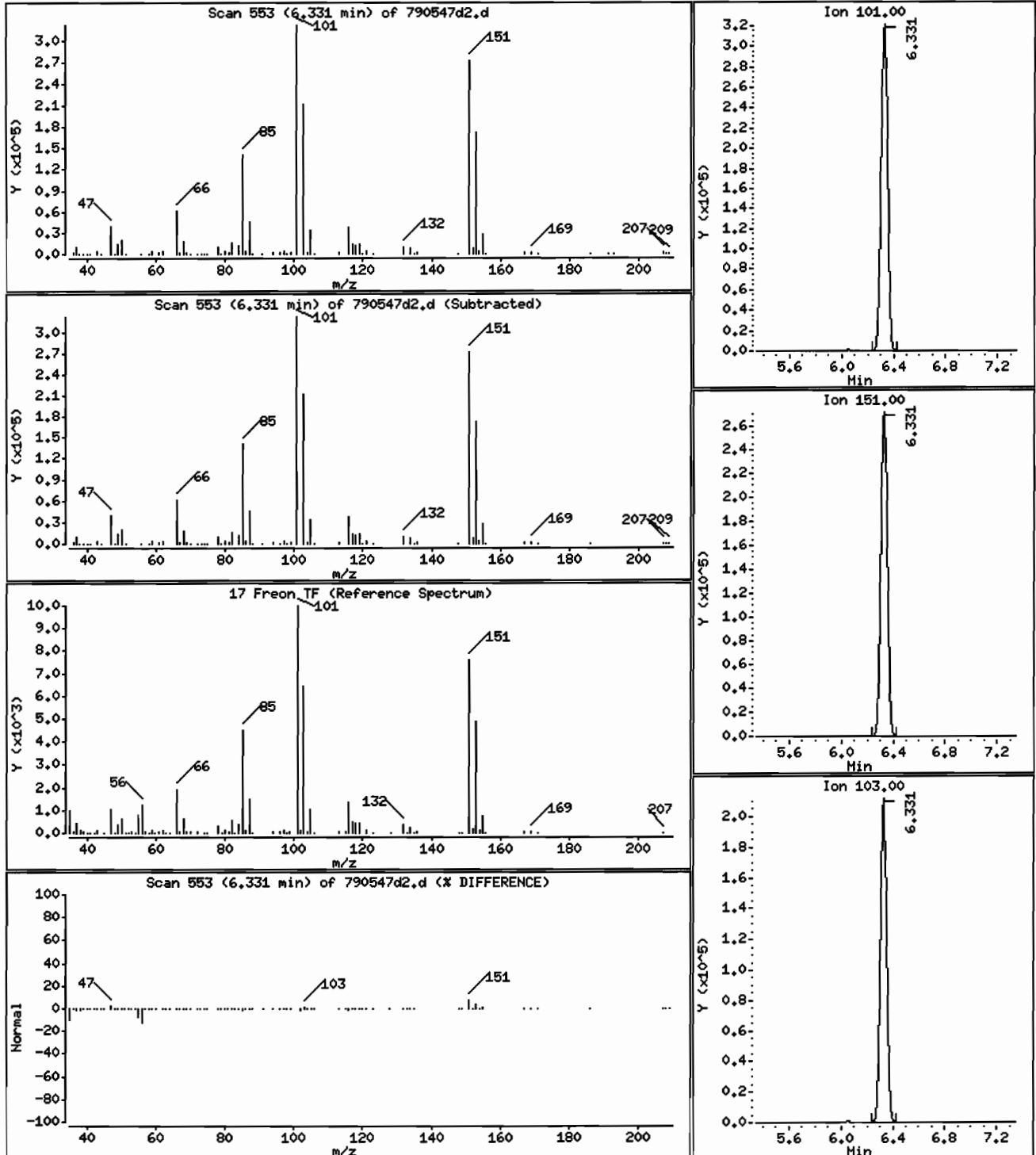
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

17 Freon TF

Concentration: 610 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N :I 103/26/09 @1715(AIR)

Purge Volume: 28.0

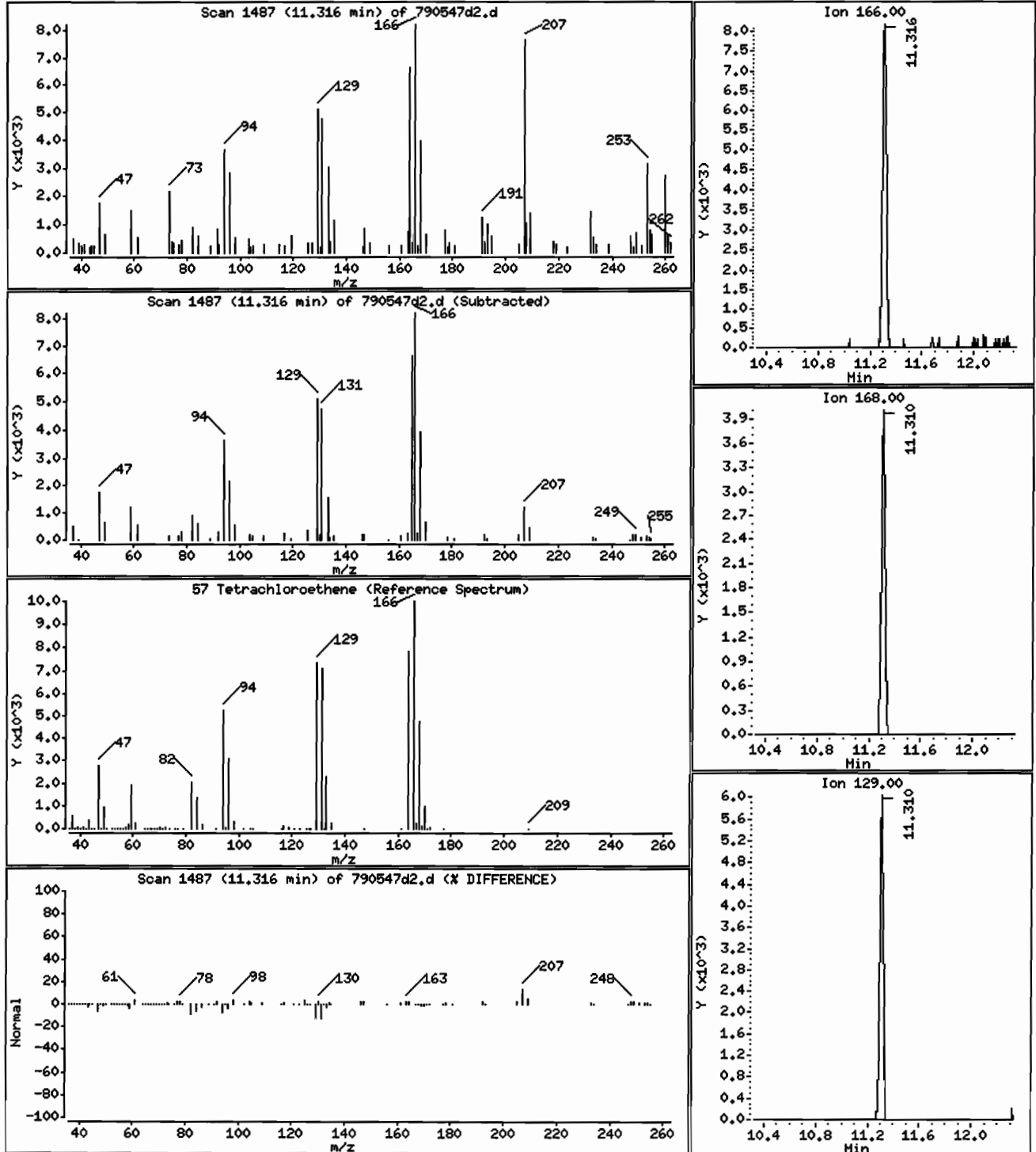
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

57 Tetrachloroethene

Concentration: 7.4 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N ;[103/26/09 @1715(AIR)

Purge Volume: 28.0

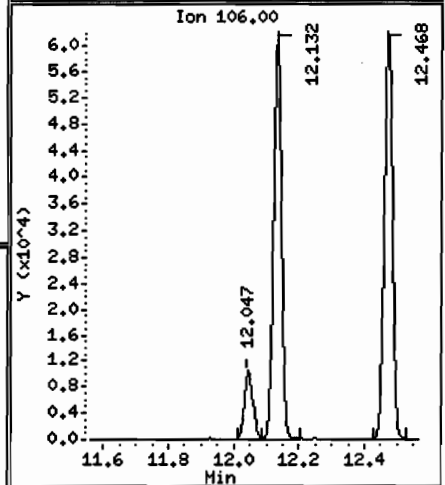
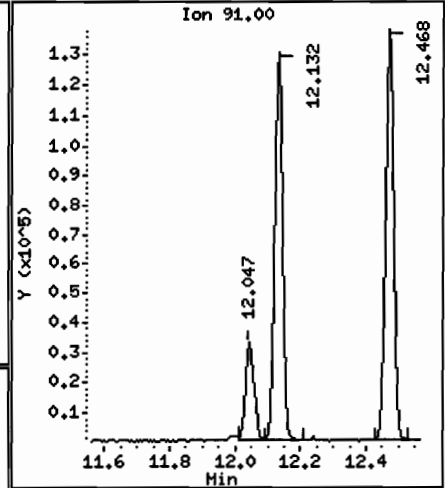
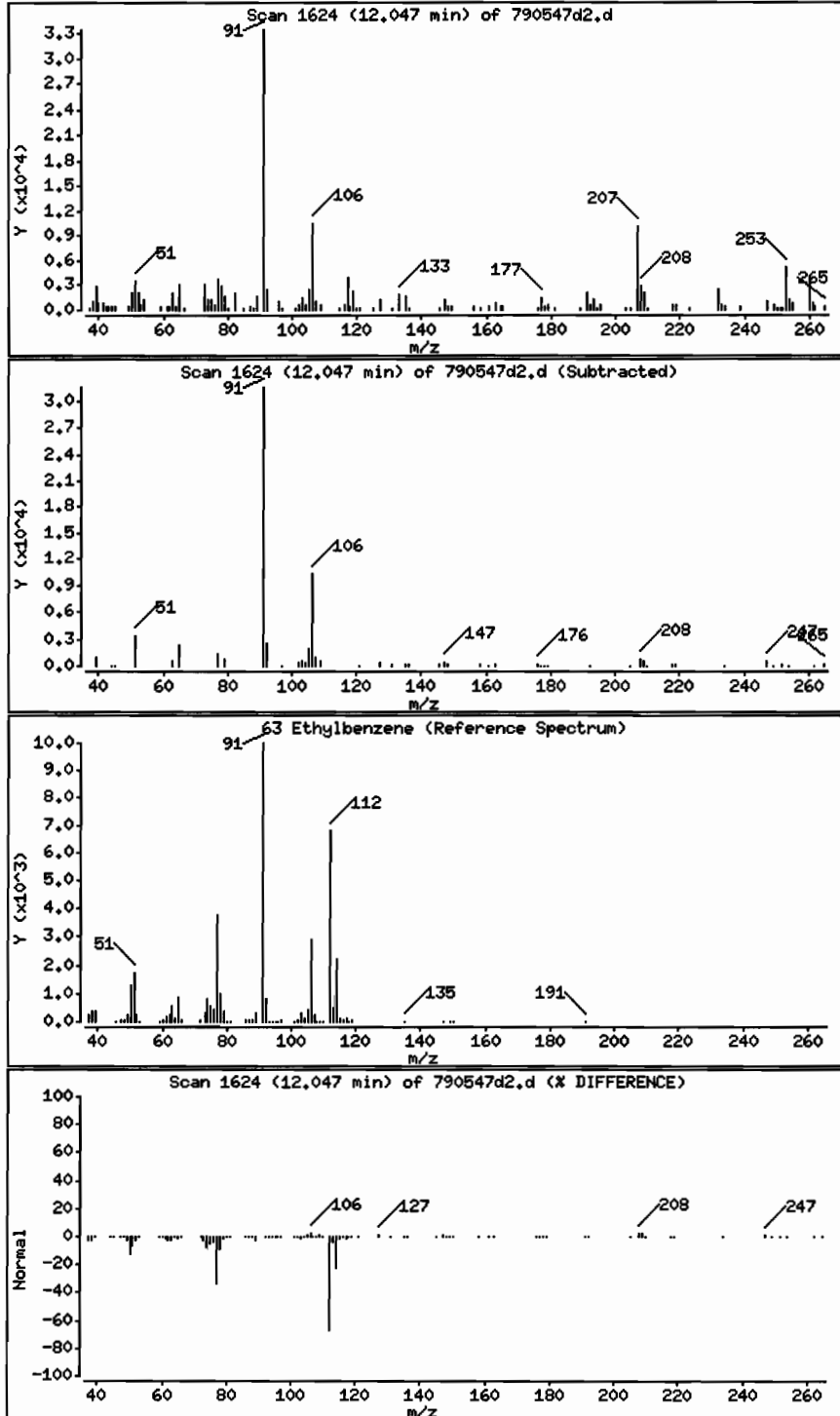
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

63 Ethylbenzene

Concentration: 12 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N ;[103/26/09 01715(AIR)

Purge Volume: 28.0

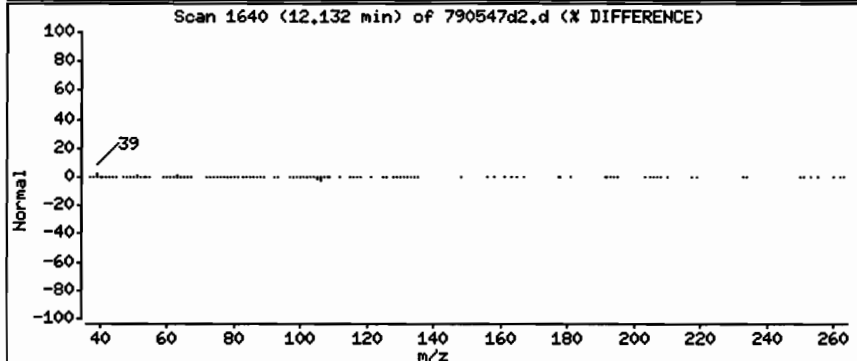
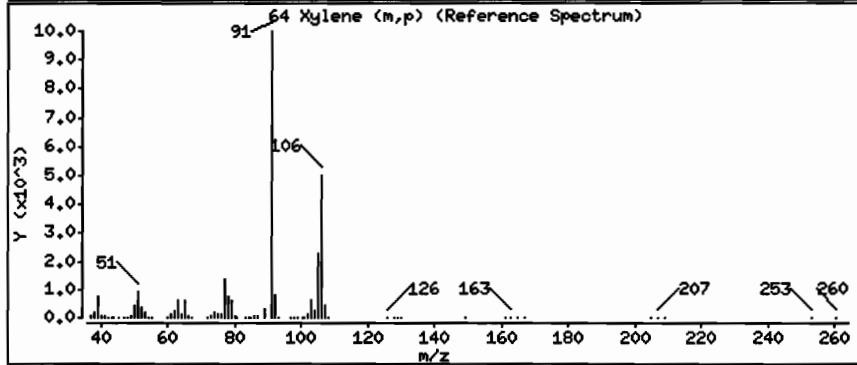
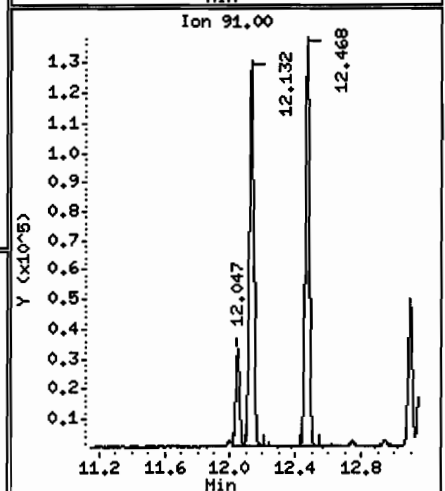
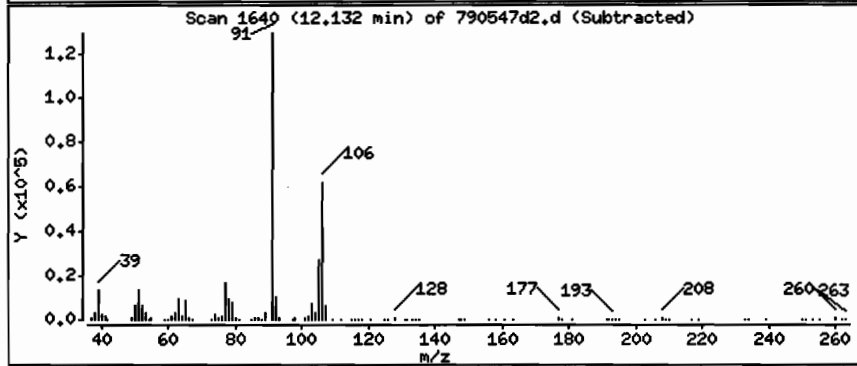
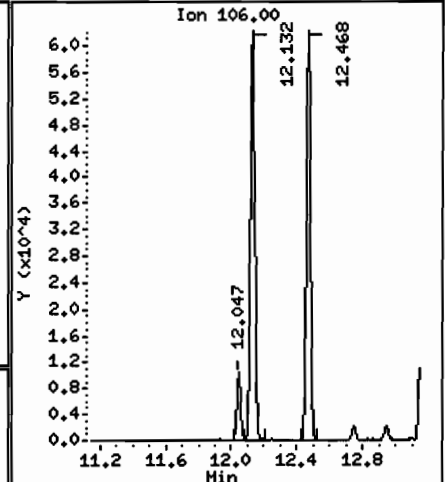
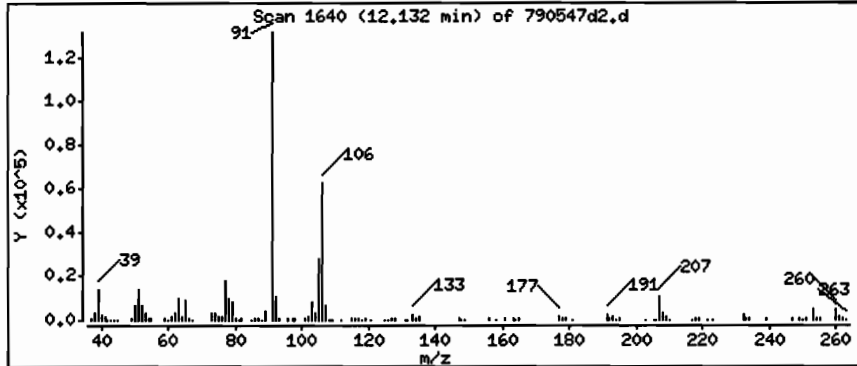
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

64 Xylene (m,p)

Concentration: 63 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N :[103/26/09 01715(AIR)

Purge Volume: 28.0

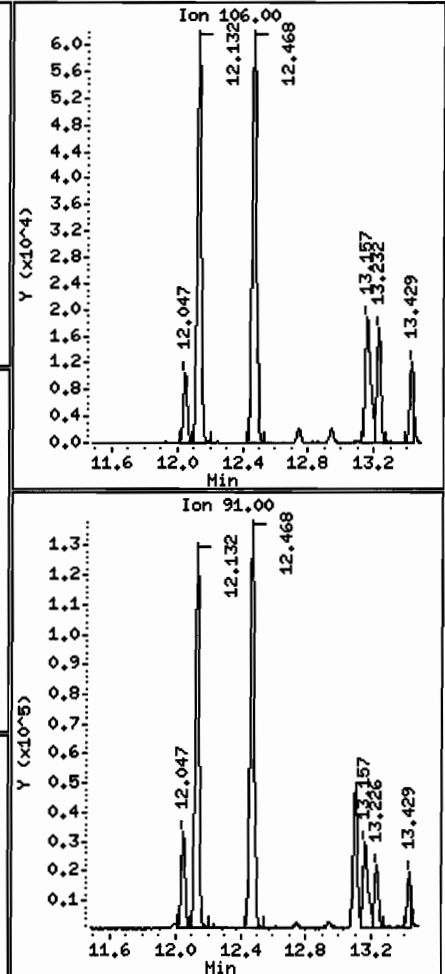
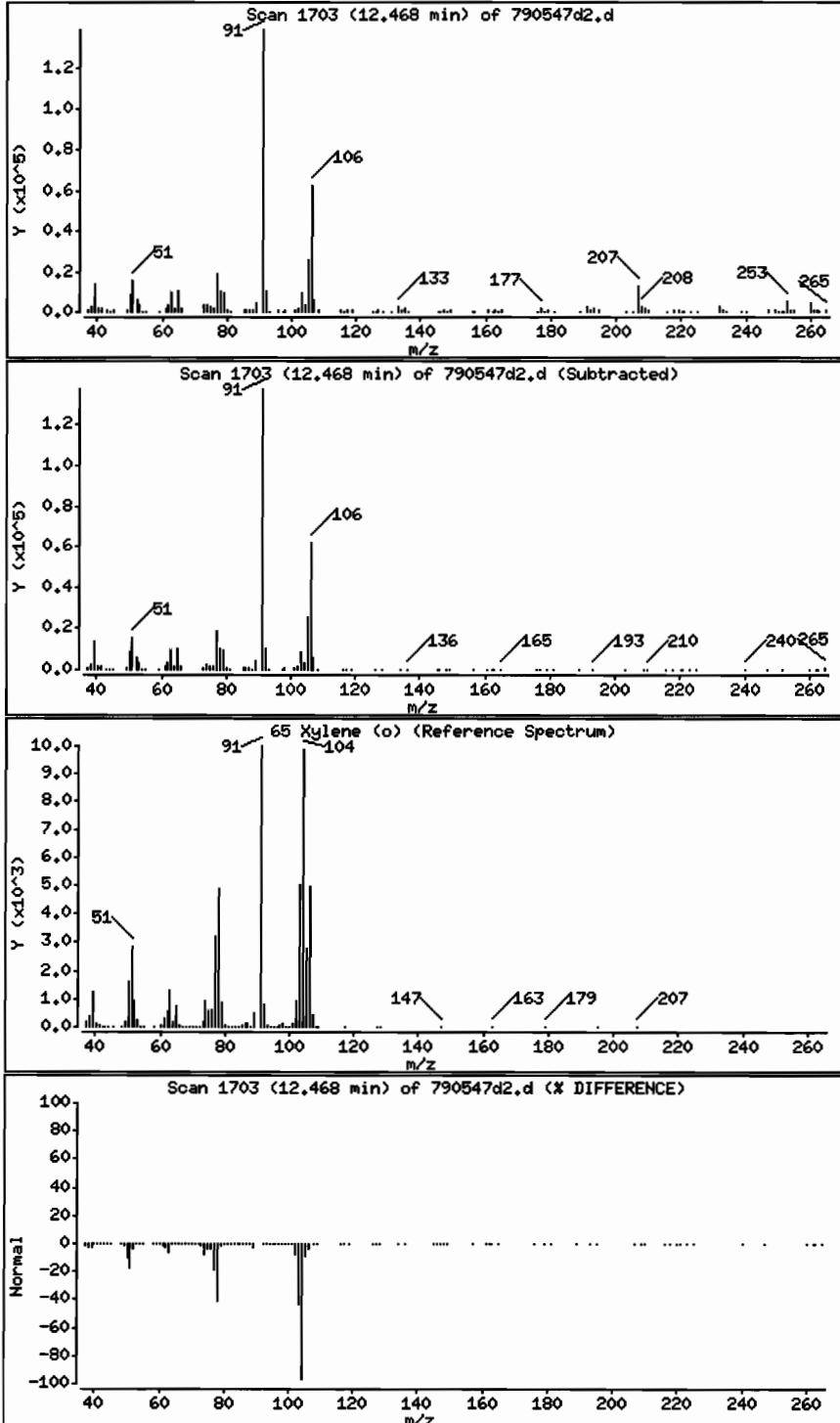
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

65 Xylene (o)

Concentration: 67 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N ;[103/26/09 @1715(AIR)

Purge Volume: 28.0

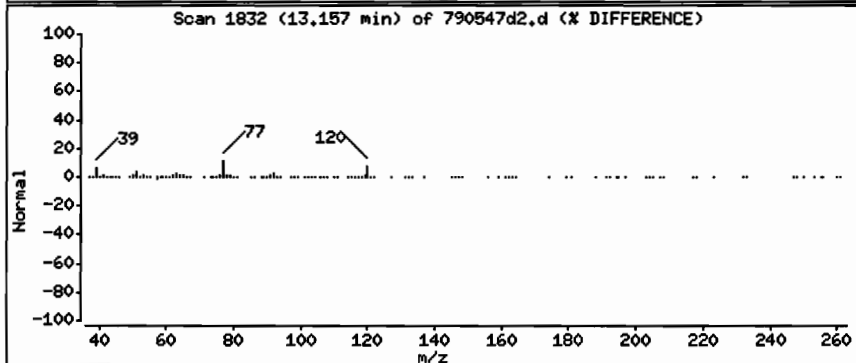
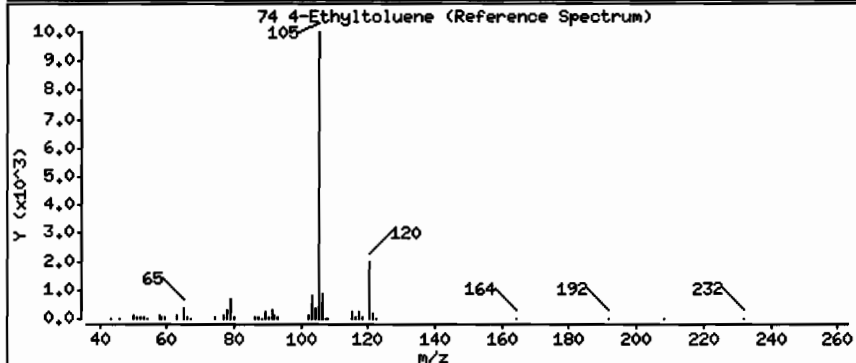
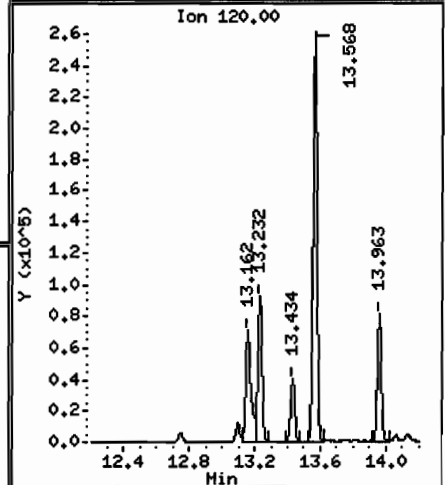
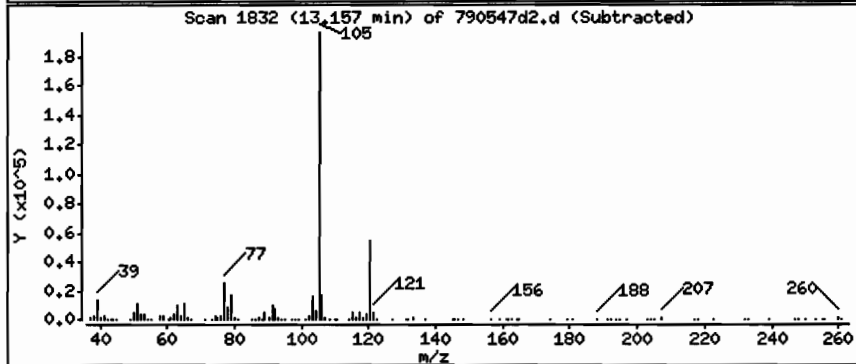
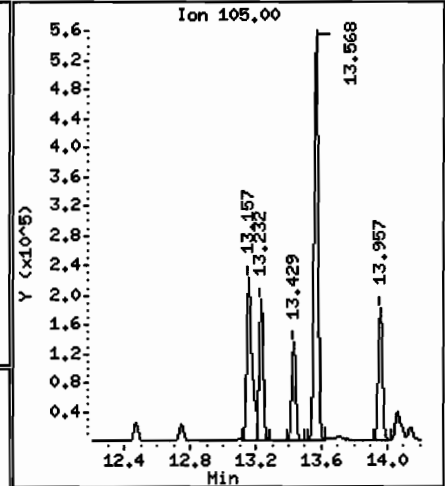
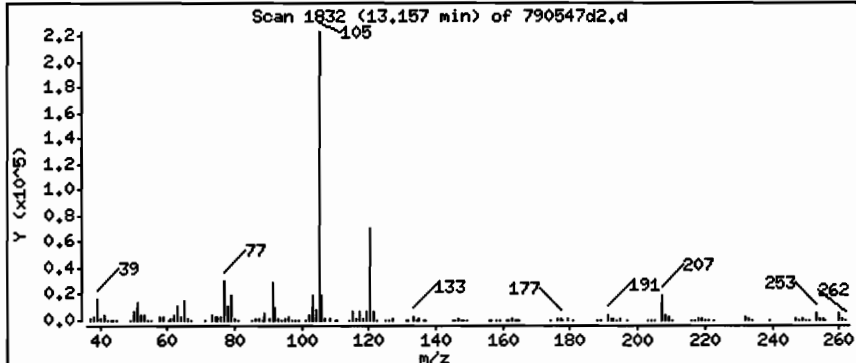
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

74 4-Ethyltoluene

Concentration: 110 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N ;[103/26/09 01715(AIR)

Purge Volume: 28.0

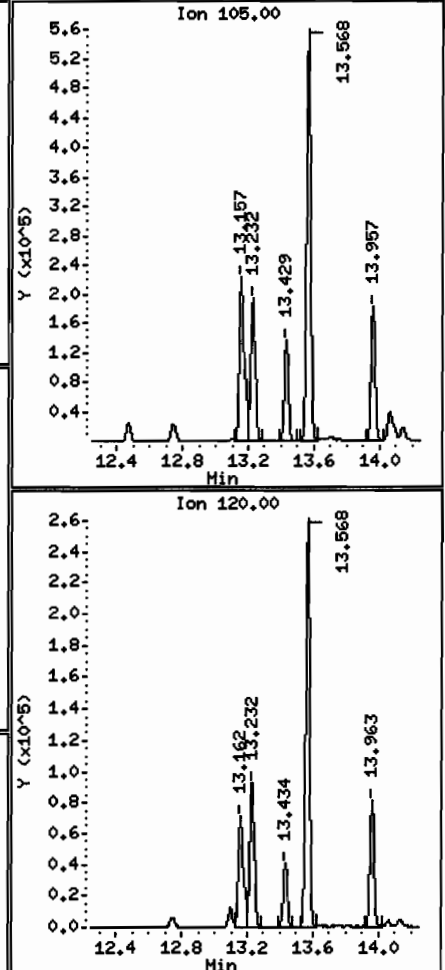
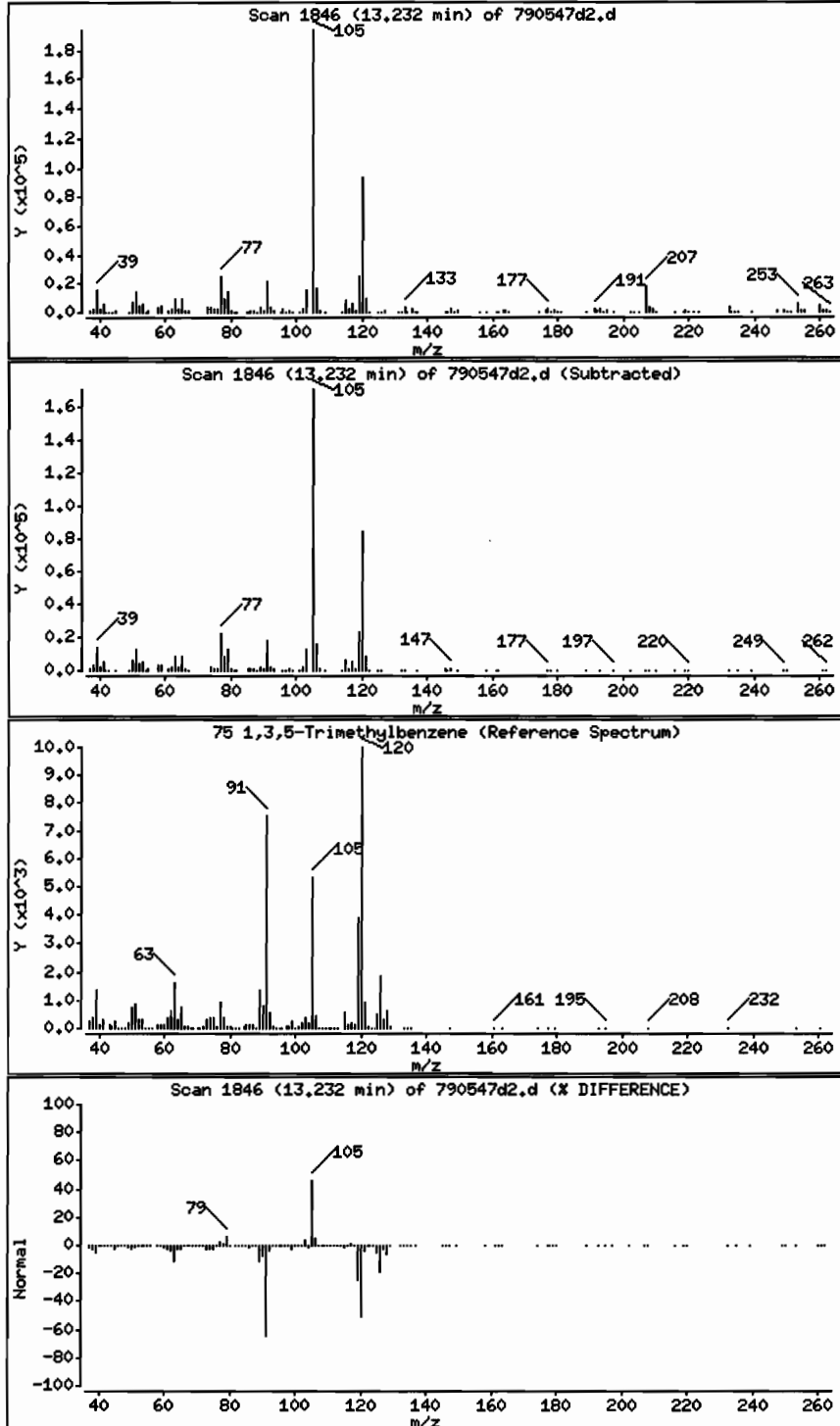
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

75 1,3,5-Trimethylbenzene

Concentration: 89 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N ;[103/26/09 @1715(AIR)

Purge Volume: 28.0

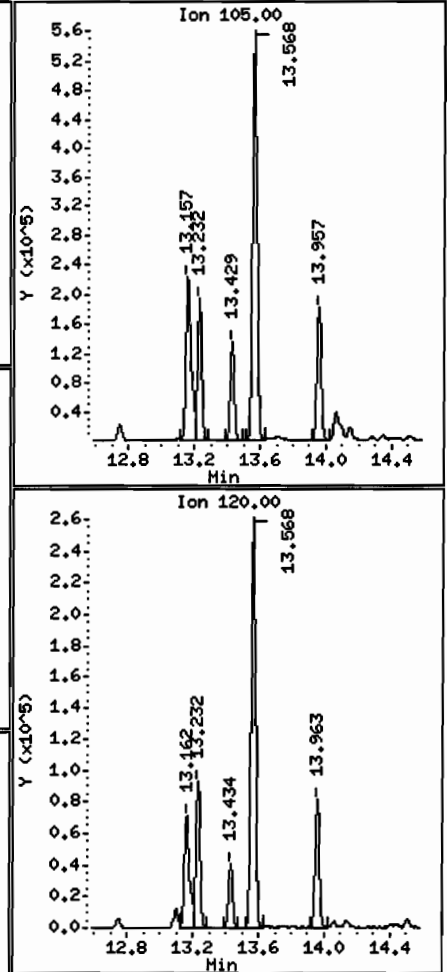
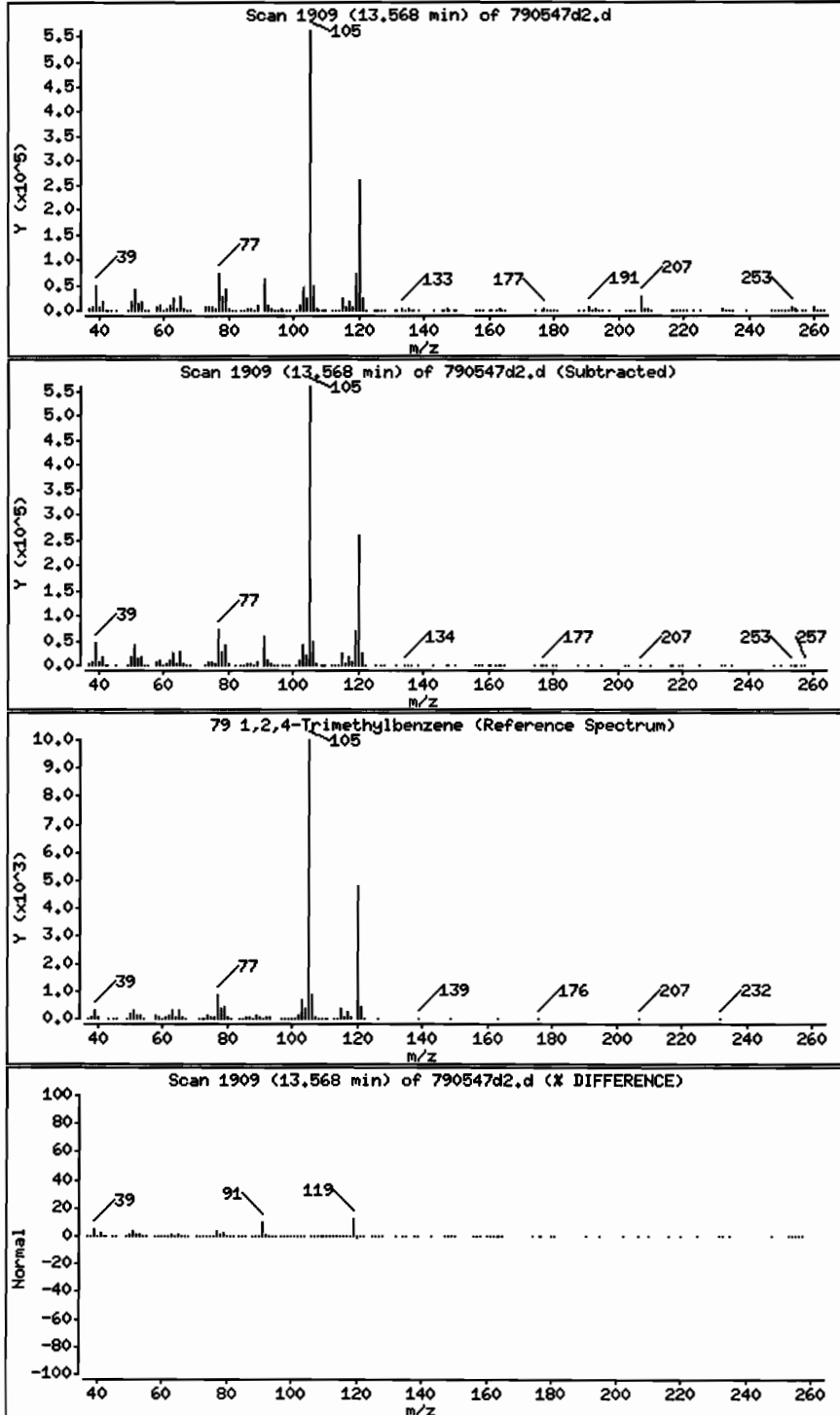
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

79 1,2,4-Trimethylbenzene

Concentration: 260 ppbv



Date : 31-MAR-2009 13:13

Client ID: 0326H-SS-01N

Instrument: C.i

Sample Info: 20090326H-SS-01N :[103/26/09 01715(AIR)

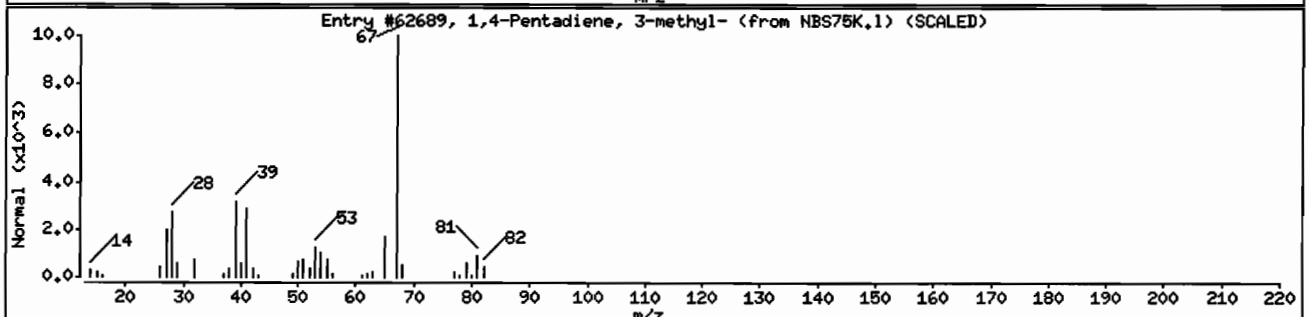
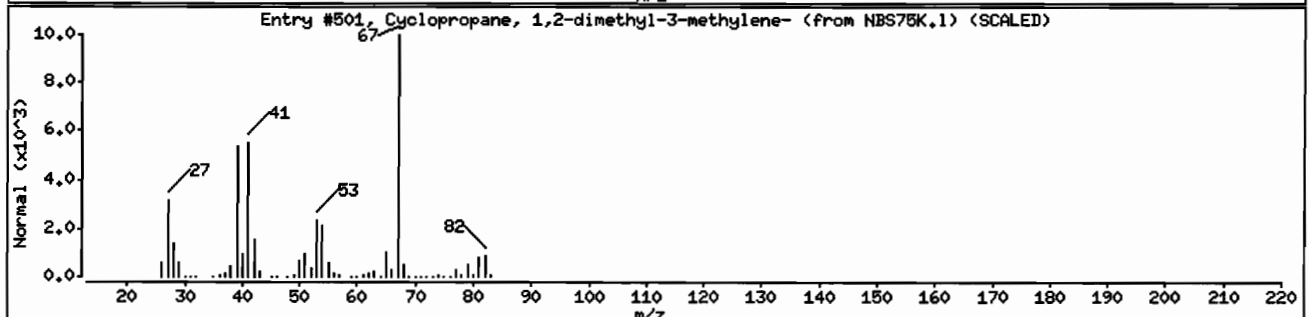
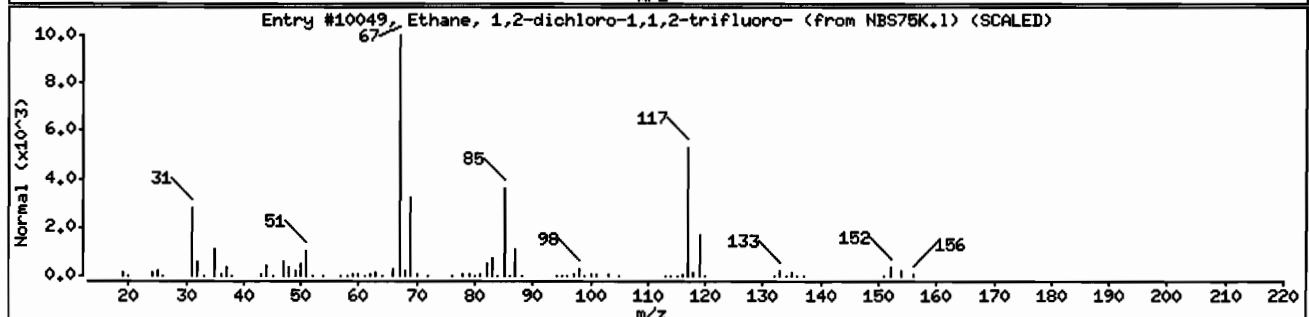
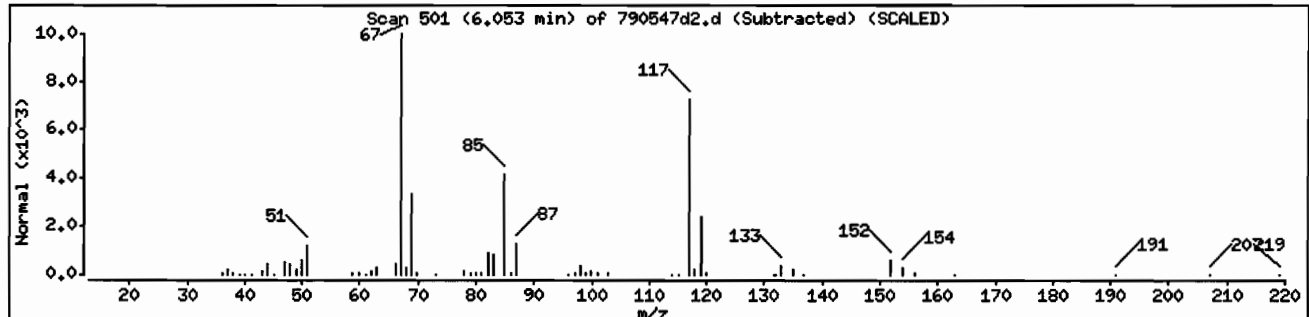
Purge Volume: 28.0

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethane, 1,2-dichloro-1,1,2-trifluoro-	354-23-4	NBS75K.1	10049	91	C2HC12F3	152
Cyclopropane, 1,2-dimethyl-3-methylene-	62338-02-7	NBS75K.1	501	12	C6H10	82
1,4-Pentadiene, 3-methyl-	1115-08-8	NBS75K.1	62689	10	C6H10	82



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-SS-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790548

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790548

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.80	
76-14-2	1,2-Dichlorotetrafluoroethan	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	0.27	
76-13-1	Freon TF	4.8	
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	8.1	
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	0.62	
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
78-93-3	Methyl Ethyl Ketone	0.96	
156-59-2	cis-1,2-Dichloroethene	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
67-66-3	Chloroform	0.38	
71-55-6	1,1,1-Trichloroethane	0.89	
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
540-59-0	1,2-Dichloroethene (total)	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

ROHHAA SAMPLE NO.

0326H-SS-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790548

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790548

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.35	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	0.57	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	2.7	U
1330-20-7	Xylene (m,p)	6.6	U
95-47-6	Xylene (o)	1.9	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
1330-20-7	Xylene (total)	8.7	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-SS-02N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790548

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790548

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

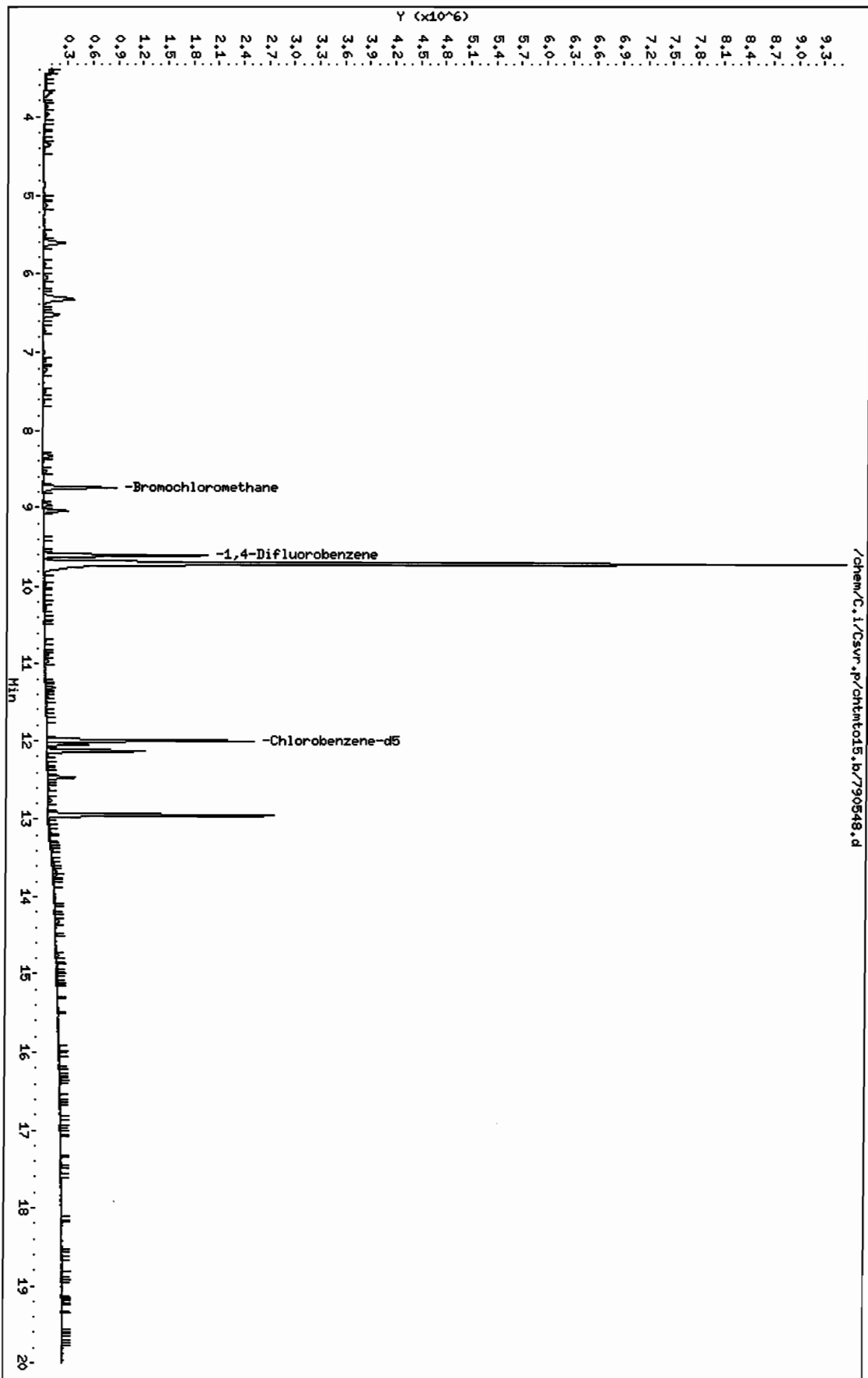
Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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29.				
30.				

FORM I VOA-TIC

Data File: /chem/C.1/Csvr.p/chtnt015.b/790548.d
Date : 31-HAR-2009 09:21
Client ID: 0326H-SS-02N
Sample Info: 20090326H-SS-02N : [103/26/09 01520(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790548.d
 Lab Smp Id: 790548 Client Smp ID: 0326H-SS-02N
 Inj Date : 31-MAR-2009 09:21
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-SS-02N :[]03/26/09 @1520(AIR)
 Misc Info : 790548;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.428	3.433	(0.392)	76206	0.79902	0.80
3 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
7 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.493	5.504	(0.628)	24490	0.26967	0.27
17 Freon TF	101	6.331	6.347	(0.724)	238218	4.81915	4.8
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.529	6.534	(0.747)	308051	8.08950	8.1
20 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
22 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	-----	-----	-----	-----	-----
24 Methylene Chloride	49	7.100	7.116	(0.812)	19487	0.62331	0.62
25 tert-Butyl Alcohol	59	Compound Not Detected.					
26 Methyl tert-Butyl Ether	73	Compound Not Detected.					
27 trans-1,2-Dichloroethene	61	Compound Not Detected.					
28 n-Hexane	57	Compound Not Detected.					
29 1,1-Dichloroethane	63	Compound Not Detected.					
30 Methyl Ethyl Ketone	72	8.535	8.525	(0.976)	10572	0.96376	0.96 (Q)
31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
* 32 Bromochloromethane	128	8.743	8.765	(1.000)	236361	10.0000	
33 Tetrahydrofuran	42	Compound Not Detected.					
34 Chloroform	83	8.775	8.797	(1.004)	23191	0.38222	0.38
35 1,1,1-Trichloroethane	97	8.967	8.983	(0.934)	65039	0.88633	0.89
36 Cyclohexane	84	Compound Not Detected.					
37 Carbon Tetrachloride	117	Compound Not Detected.					
38 2,2,4-Trimethylpentane	57	Compound Not Detected.					
39 Benzene	78	Compound Not Detected.					
M 40 1,2-Dichloroethene (total)	61	Compound Not Detected.					
41 1,2-Dichloroethane	62	Compound Not Detected.					
42 n-Heptane	43	Compound Not Detected.					
* 43 1,4-Difluorobenzene	114	9.603	9.619	(1.000)	1495937	10.0000	
45 Trichloroethene	95	Compound Not Detected.					
47 1,2-Dichloropropane	63	Compound Not Detected.					
48 1,4-Dioxane	88	Compound Not Detected.					
50 Bromodichloromethane	83	Compound Not Detected.					
51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
52 Methyl Isobutyl Ketone	43	Compound Not Detected.					
54 Toluene	92	10.873	10.894	(0.906)	21342	0.34739	0.35
55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
56 1,1,2-Trichloroethane	83	Compound Not Detected.					
57 Tetrachloroethene	166	11.310	11.326	(0.943)	34458	0.57488	0.57
58 Methyl Butyl Ketone	43	Compound Not Detected.					
59 Dibromochloromethane	129	Compound Not Detected.					
60 1,2-Dibromoethane	107	Compound Not Detected.					
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1345377	10.0000	
62 Chlorobenzene	112	Compound Not Detected.					
63 Ethylbenzene	91	12.047	12.063	(1.004)	340378	2.69975	2.7
64 Xylene (m,p)	106	12.132	12.148	(1.011)	322856	6.62183	6.6
65 Xylene (o)	106	12.474	12.485	(1.040)	90795	1.89965	1.9
66 Styrene	104	Compound Not Detected.					
67 Bromoform	173	Compound Not Detected.					
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
M 70 Xylene (total)	106				413651	8.65459	8.7
74 4-Ethyltoluene	105	Compound Not Detected.					
75 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
76 2-Chlorotoluene	91	Compound Not Detected.					
79 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
82 1,3-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	--	-----	-----	-----	-----	-----
83 1,4-Dichlorobenzene	146				Compound Not Detected.		
88 1,2-Dichlorobenzene	146				Compound Not Detected.		
90 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
91 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/chtmt015.b/790548.d
Report Date: 21-Apr-2009 21:20

Page 4

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790548.d
Lab Smp Id: 790548 Client Smp ID: 0326H-SS-02N
Inj Date : 31-MAR-2009 09:21
Operator : pad Inst ID: C.i
Smp Info : 20090326H-SS-02N :[]03/26/09 @1520(AIR)
Misc Info : 790548;033009CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 @1520(AIR)

Purge Volume: 200.0

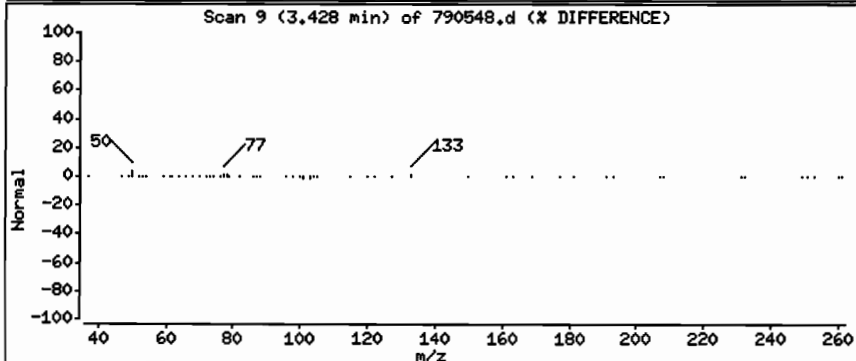
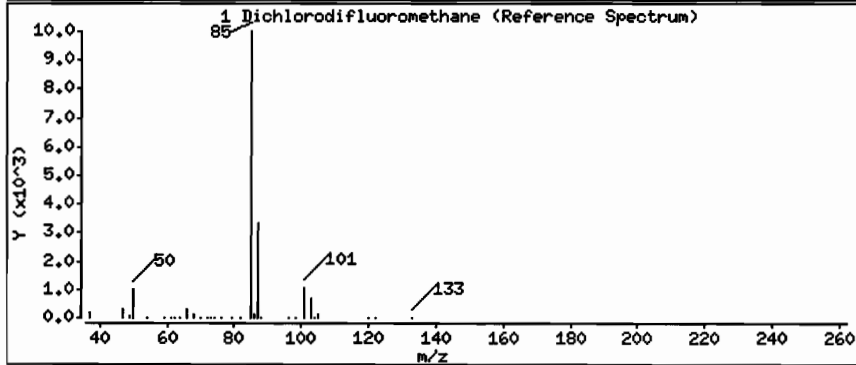
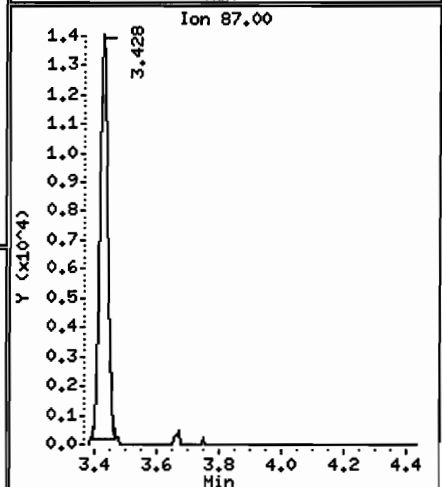
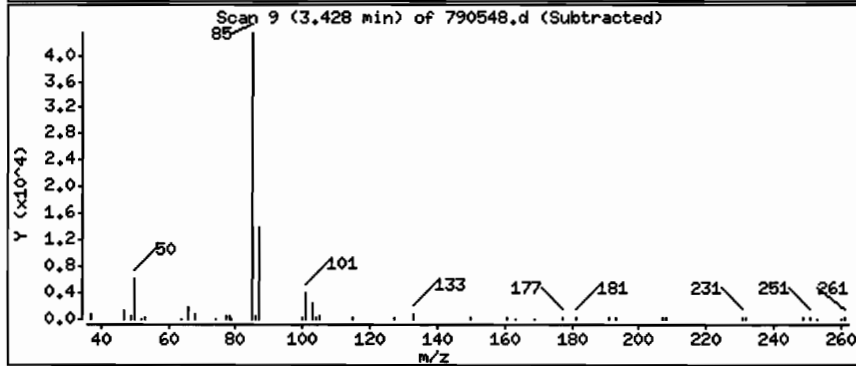
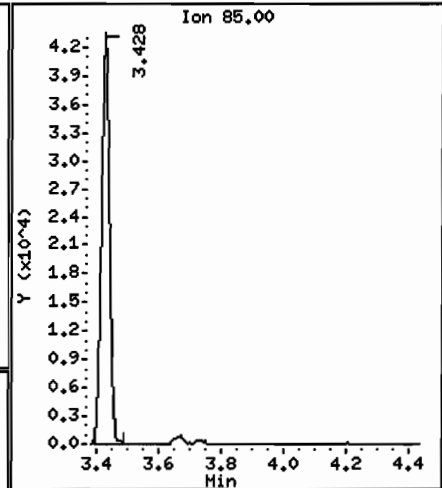
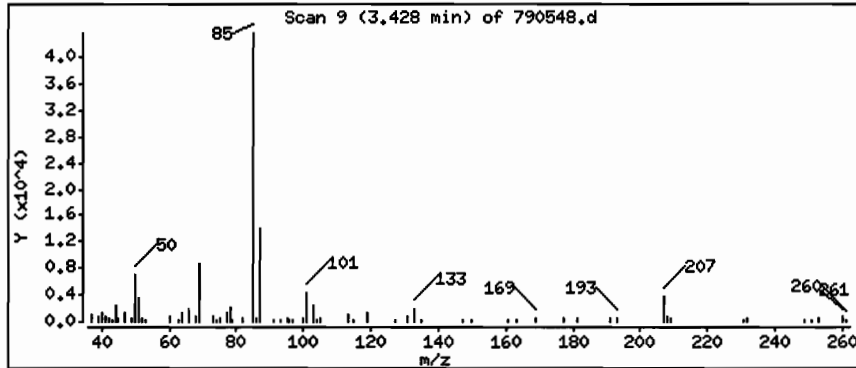
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.80 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N :[103/26/09 @1520(AIR)

Purge Volume: 200.0

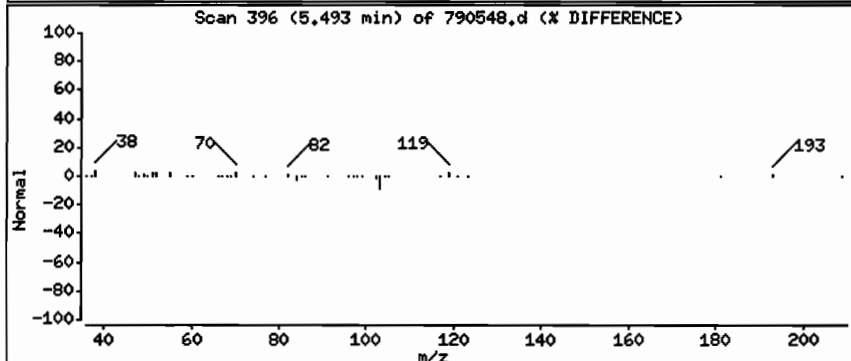
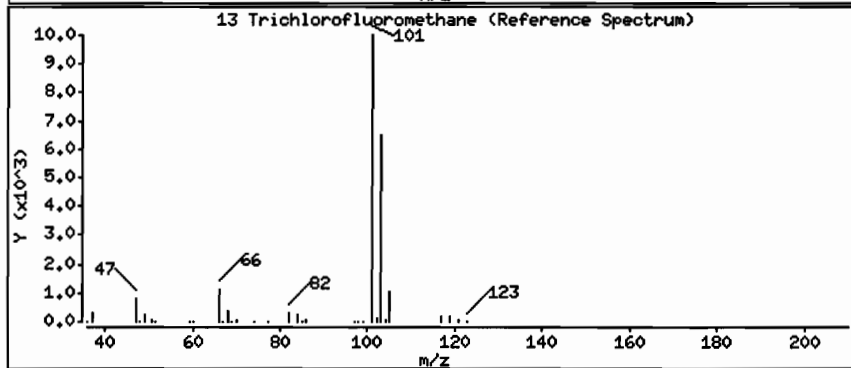
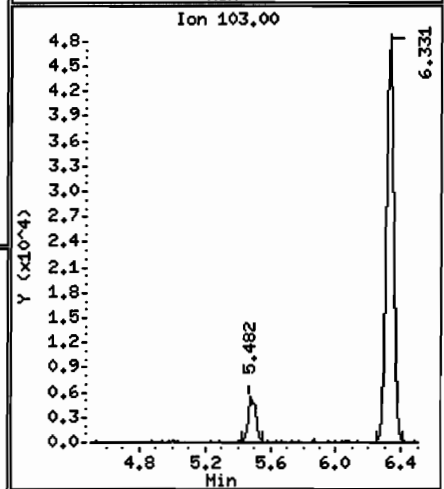
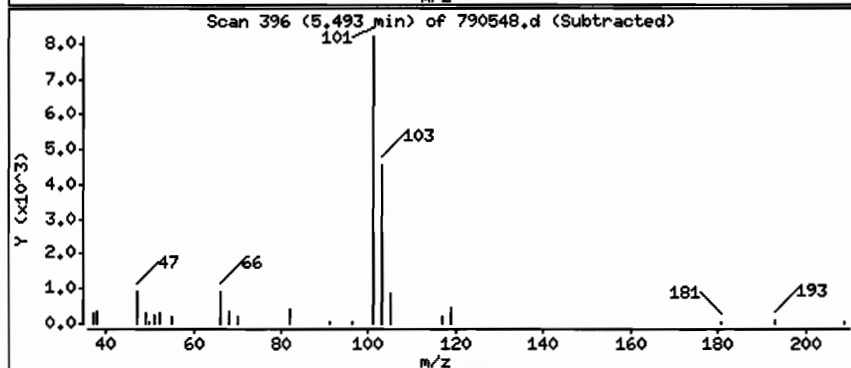
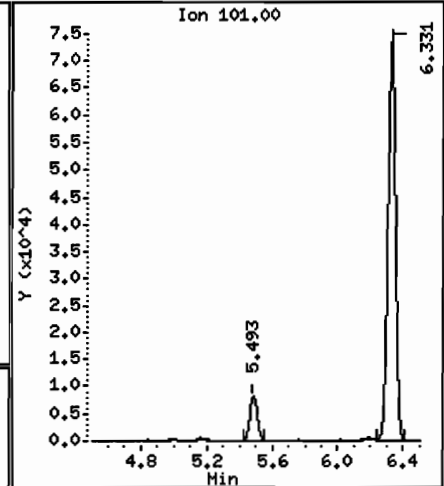
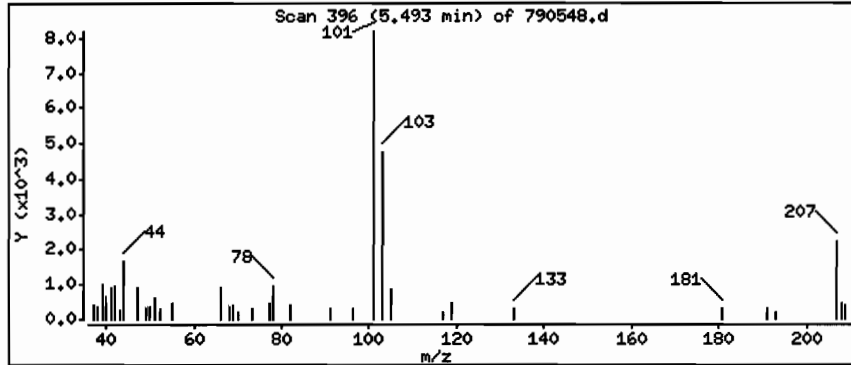
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

13 Trichlorofluoromethane

Concentration: 0.27 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[J03/26/09 @1520(AIR)

Purge Volume: 200.0

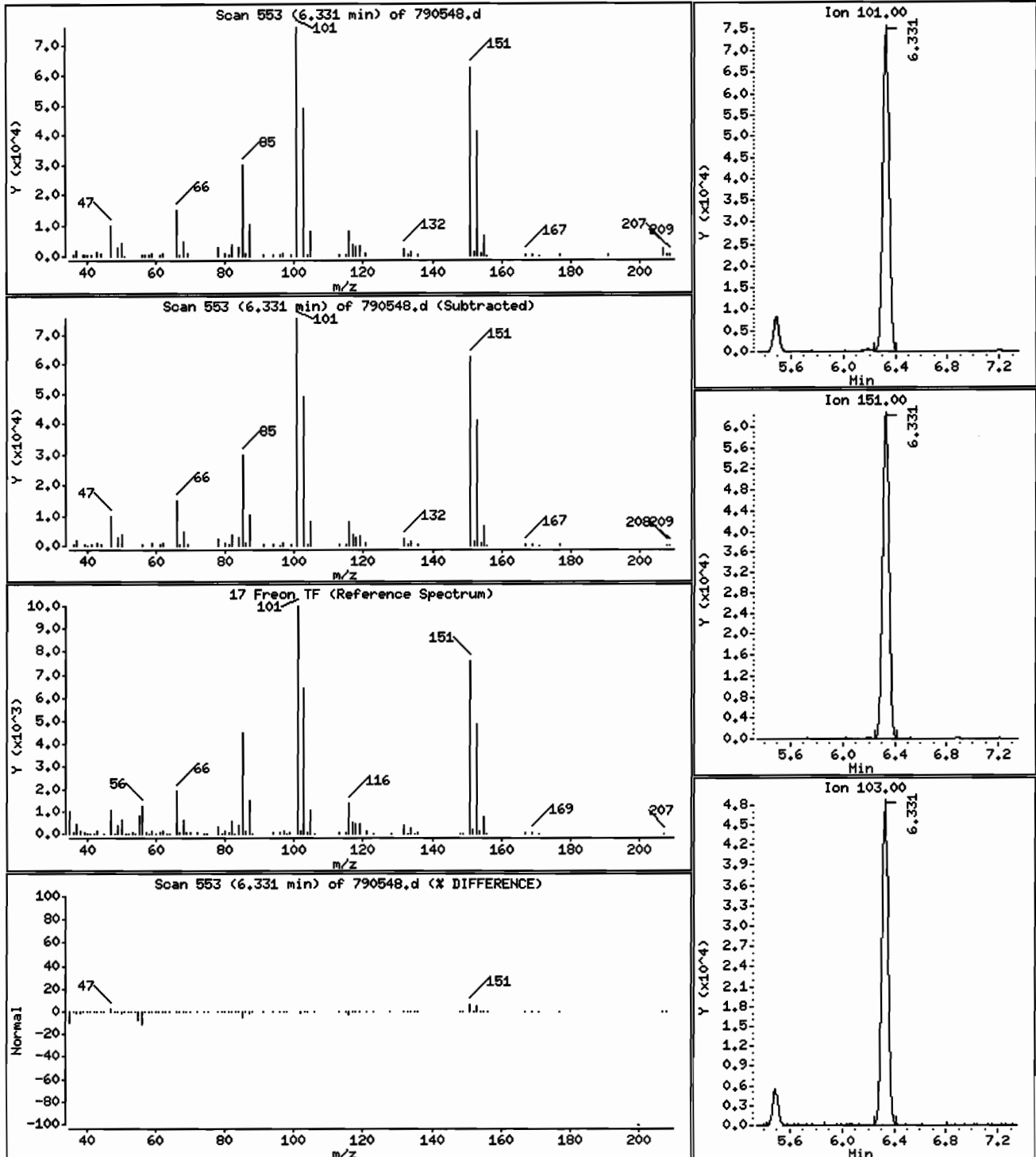
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

17 Freon TF

Concentration: 4.8 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N :I 103/26/09 @1520(AIR)

Purge Volume: 200.0

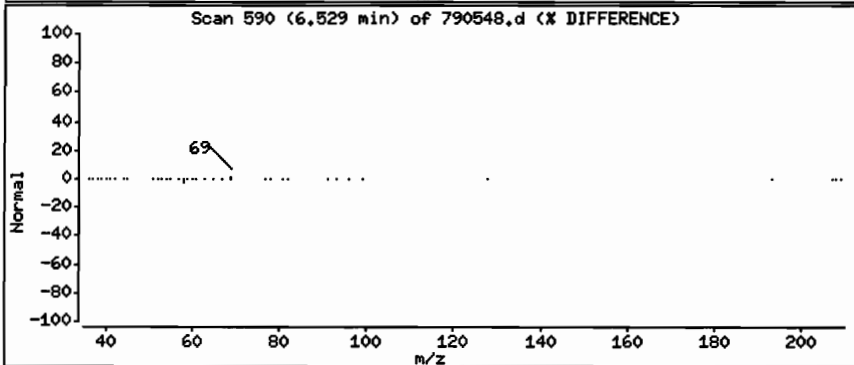
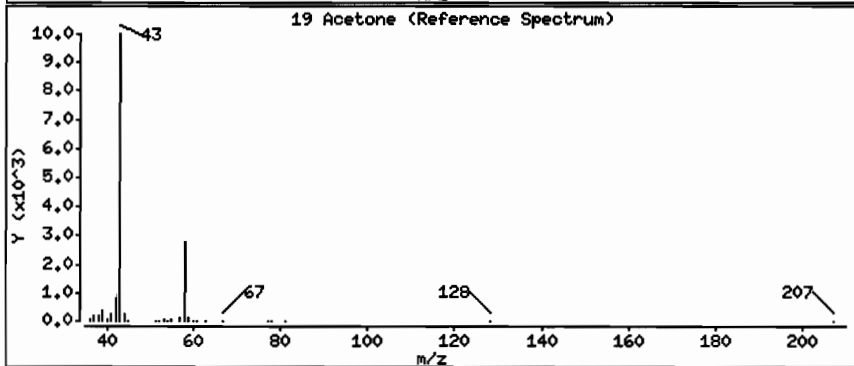
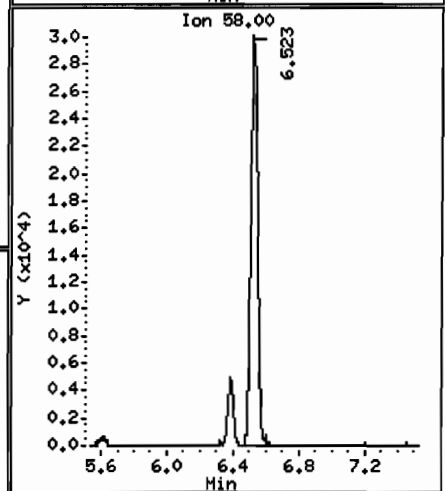
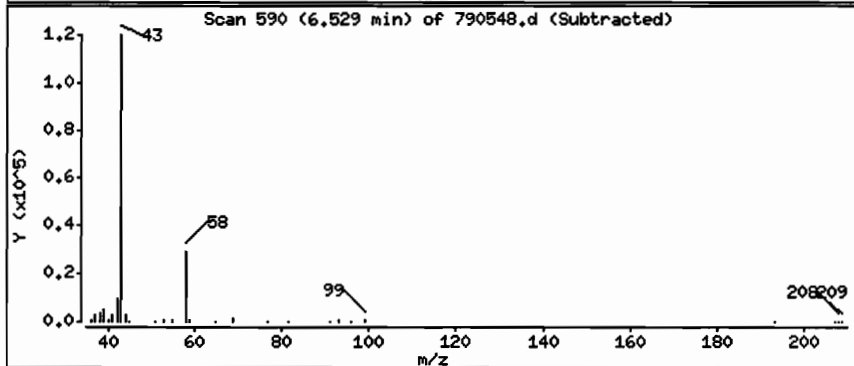
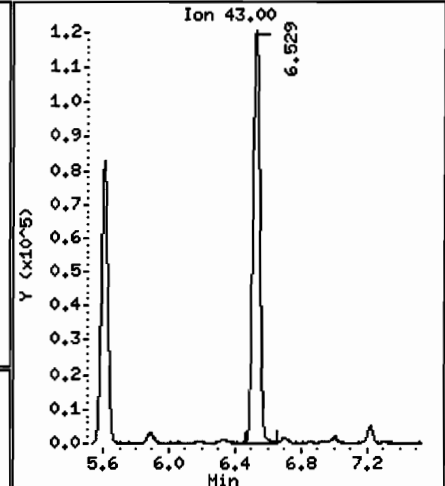
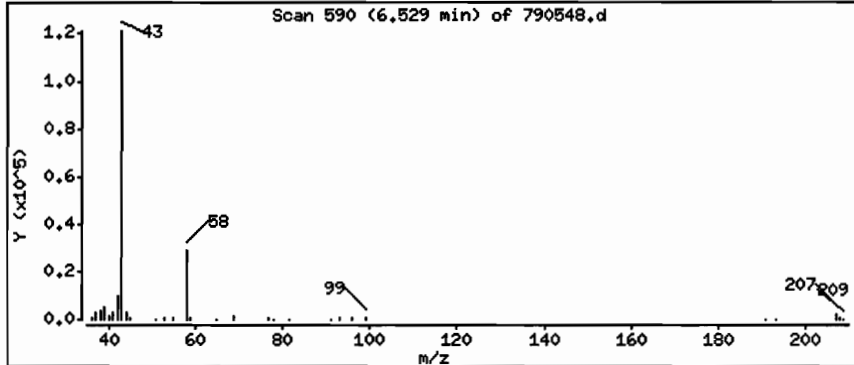
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

19 Acetone

Concentration: 8.1 ppbv



Date : 31-HAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 01520(AIR)

Purge Volume: 200.0

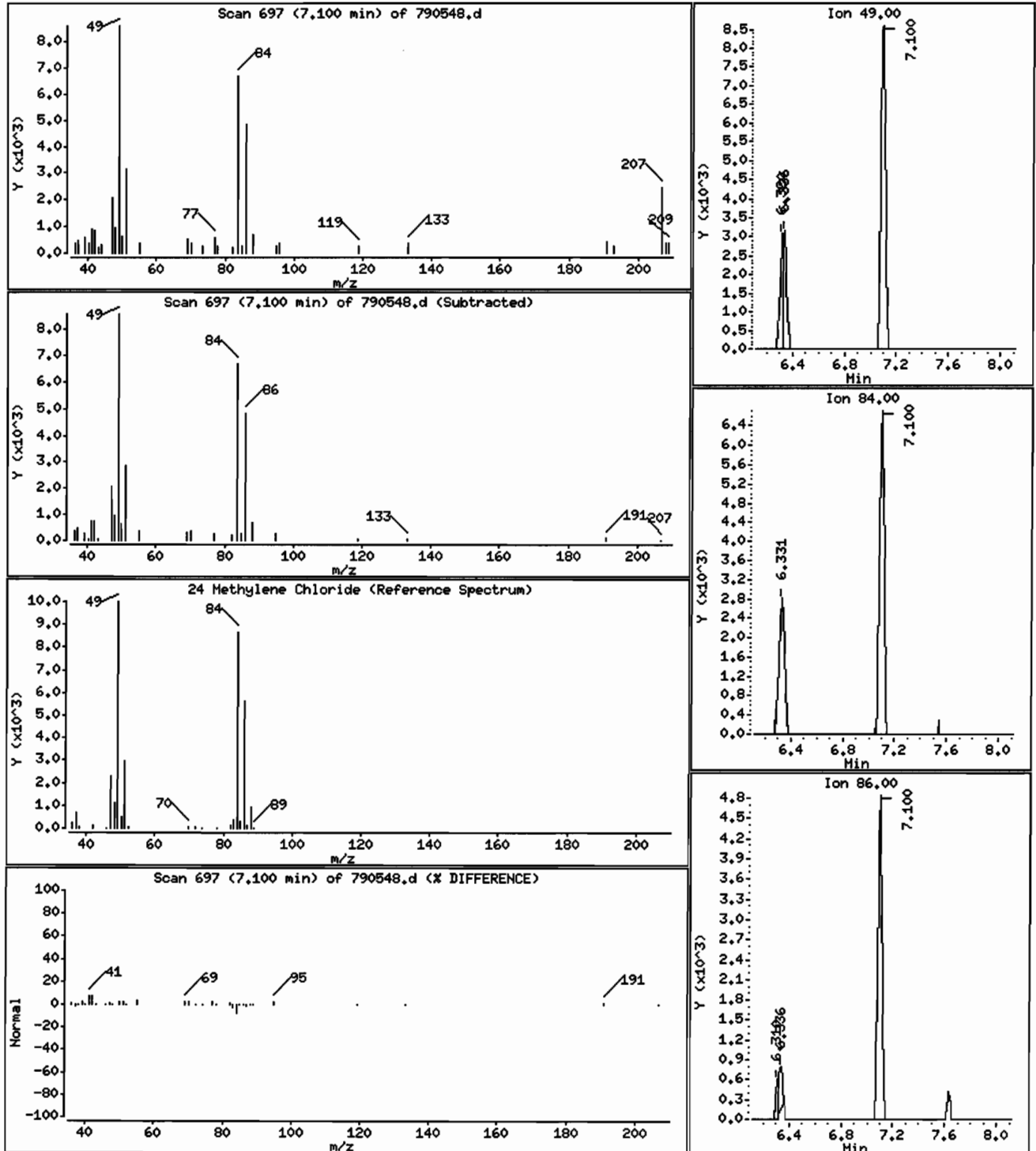
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

24 Methylene Chloride

Concentration: 0.62 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 @1520(AIR)

Purge Volume: 200.0

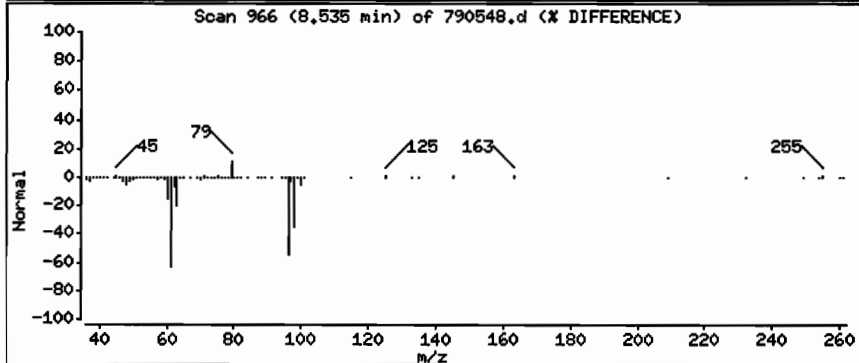
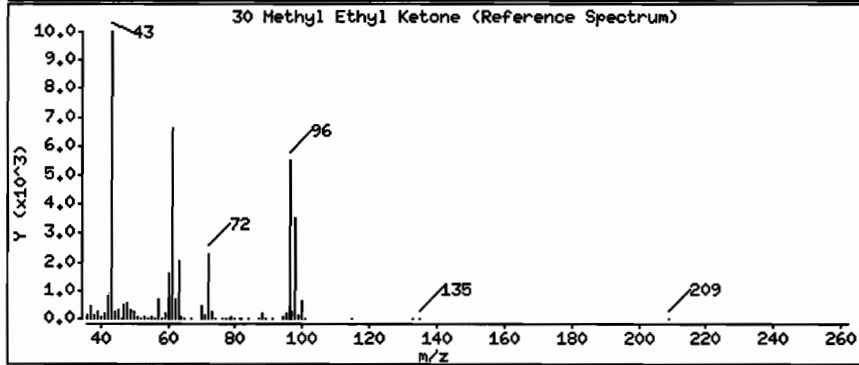
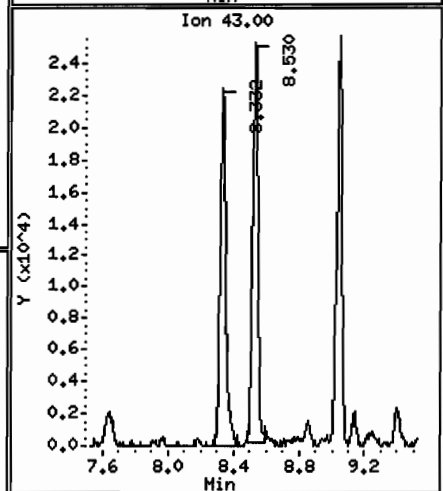
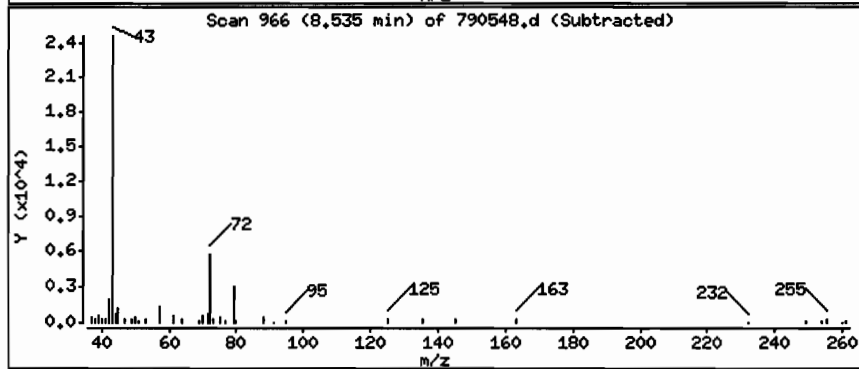
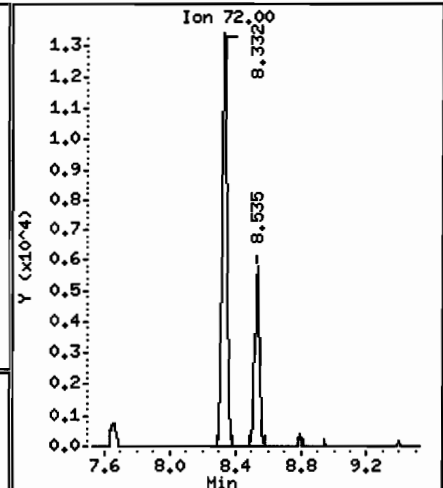
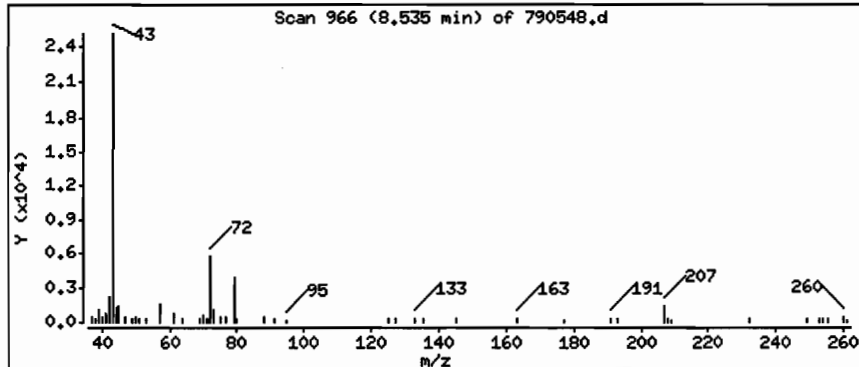
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

30 Methyl Ethyl Ketone

Concentration: 0.96 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 @1520(AIR)

Purge Volume: 200.0

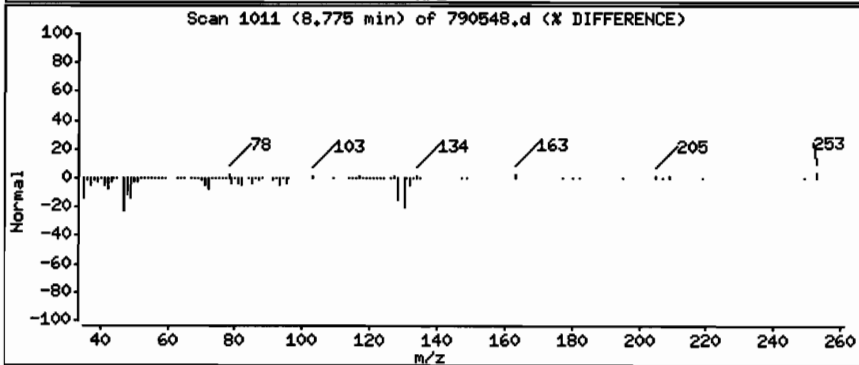
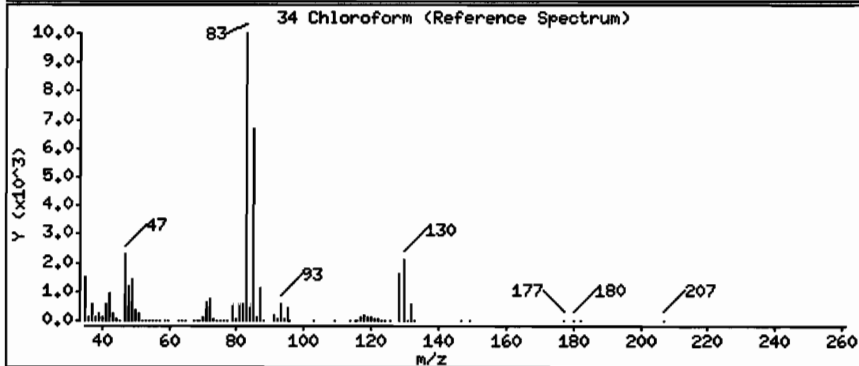
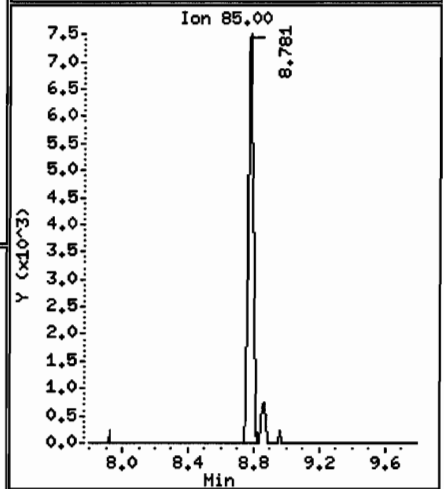
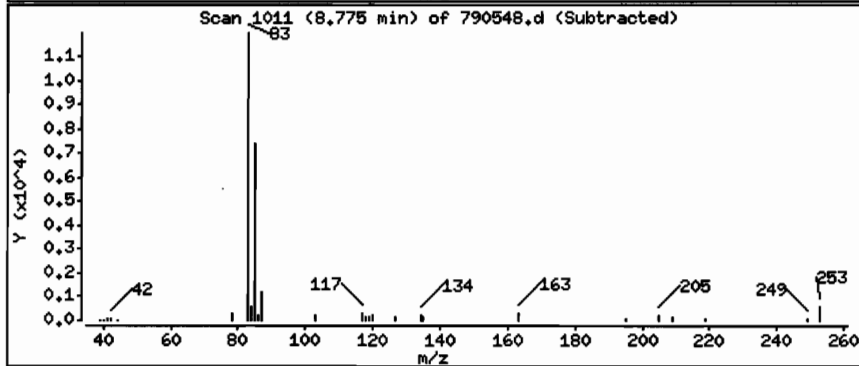
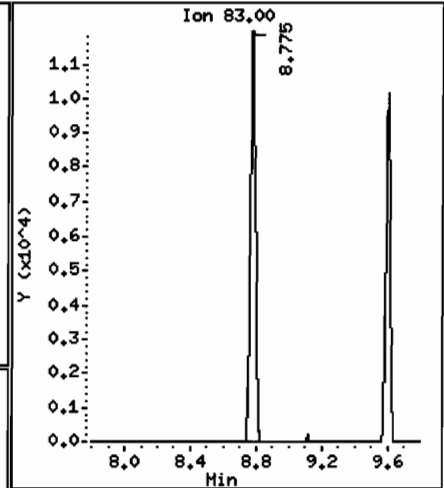
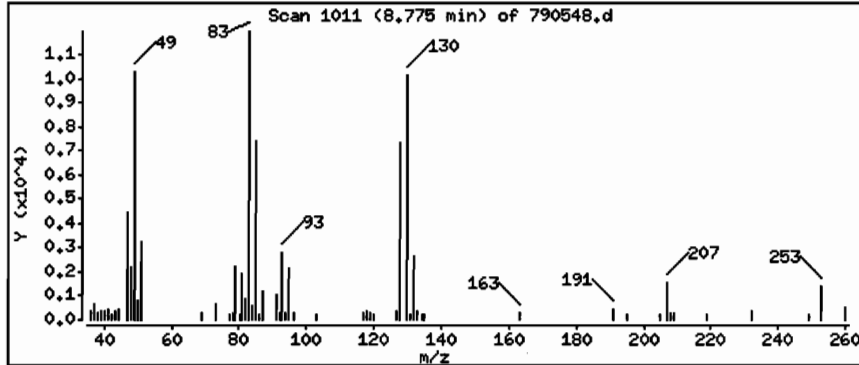
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

34 Chloroform

Concentration: 0.38 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N :[103/26/09 @1520(AIR)

Purge Volume: 200.0

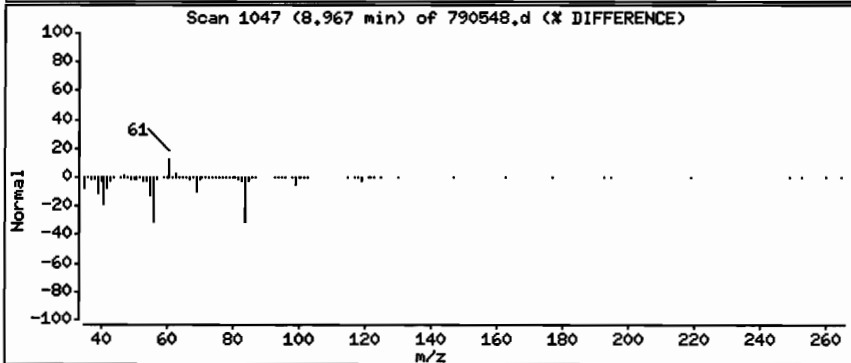
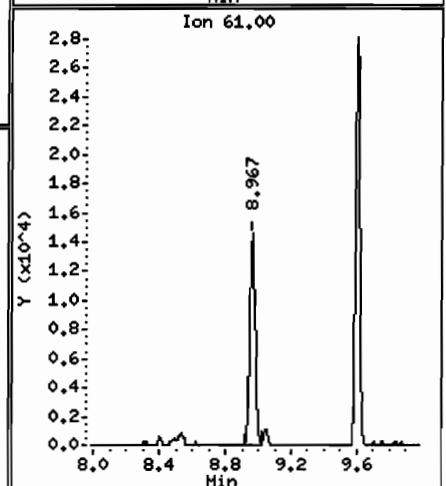
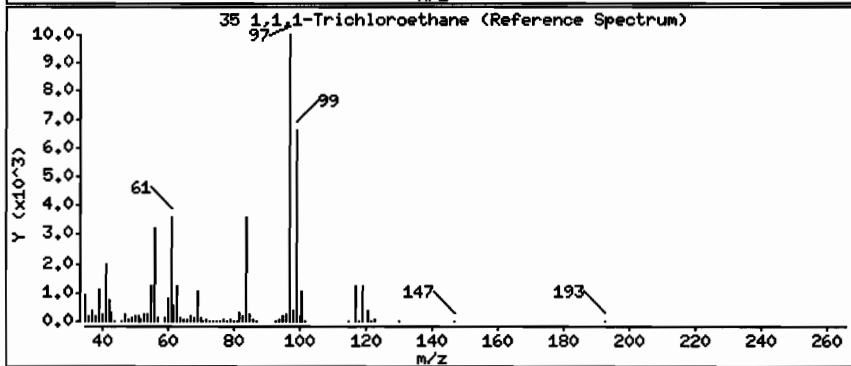
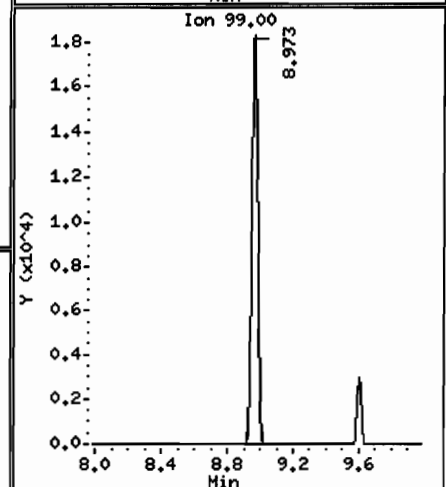
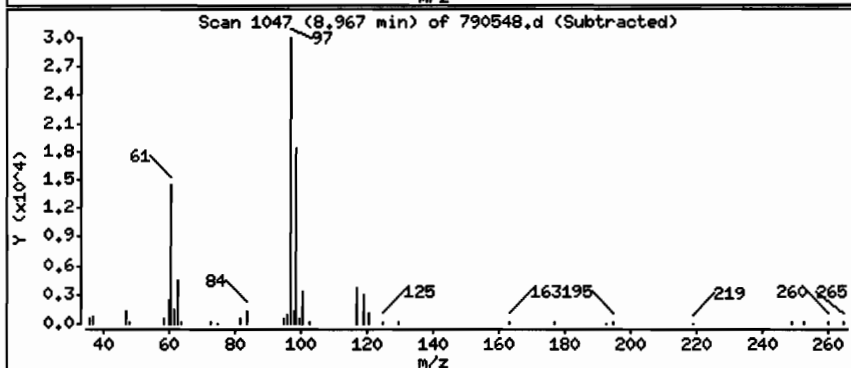
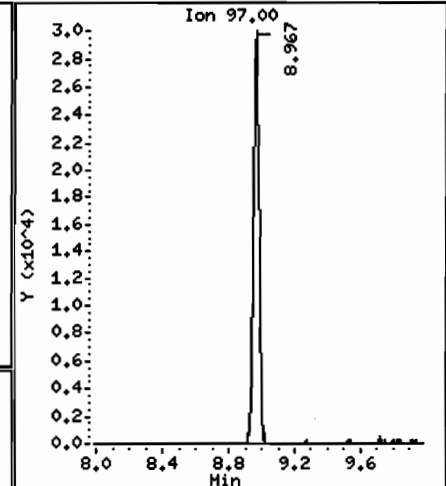
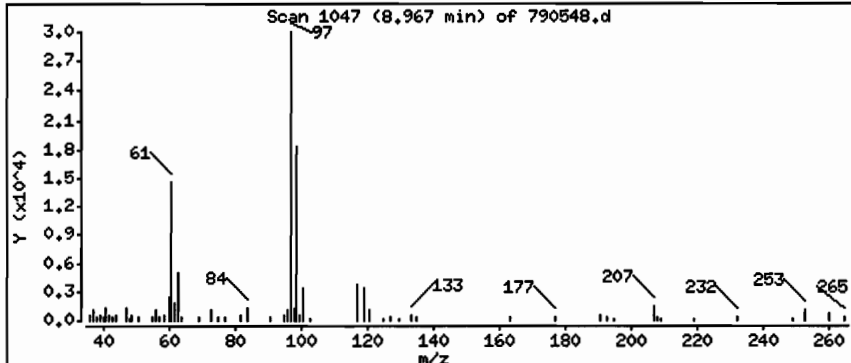
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

35 1,1,1-Trichloroethane

Concentration: 0.89 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 01520(AIR)

Purge Volume: 200.0

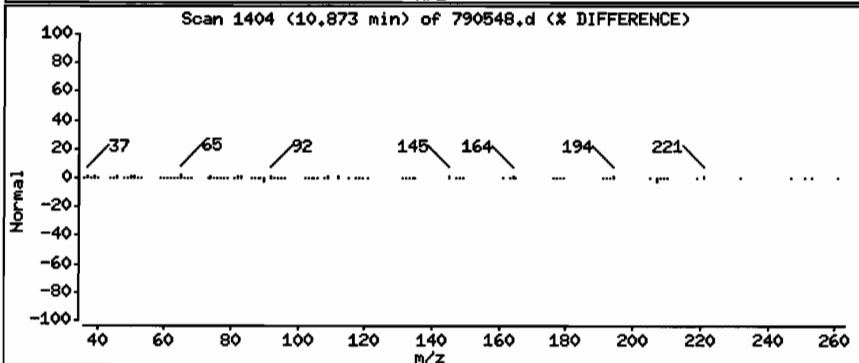
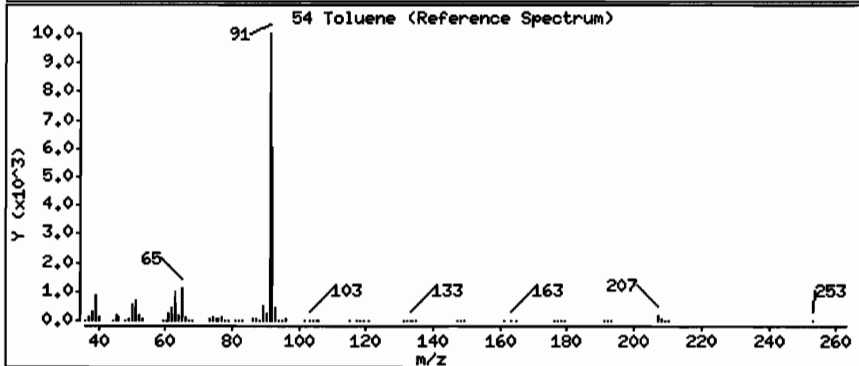
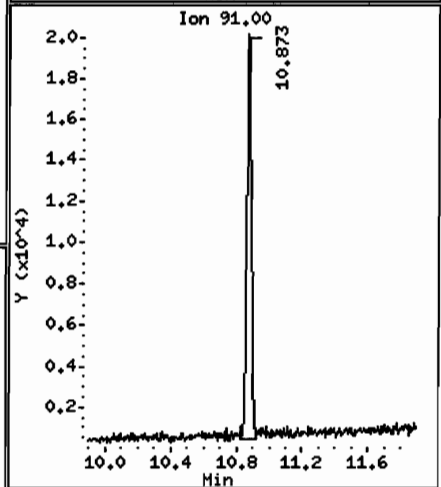
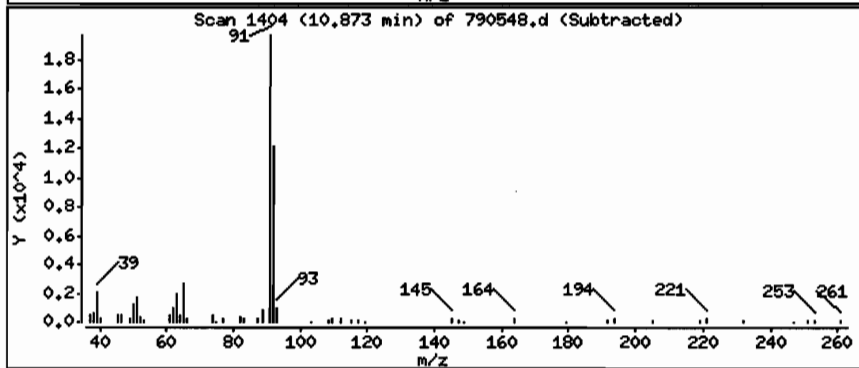
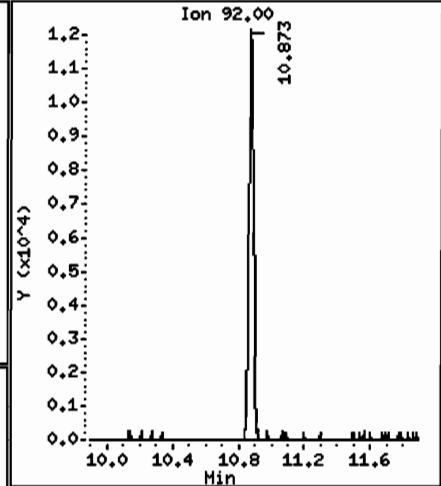
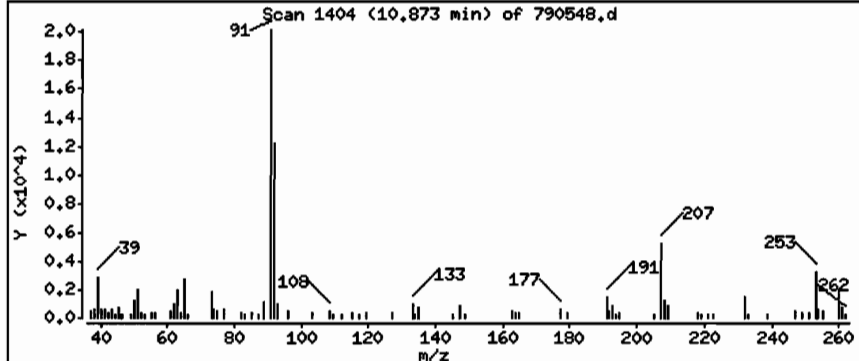
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

54 Toluene

Concentration: 0.35 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 @1520(AIR)

Purge Volume: 200.0

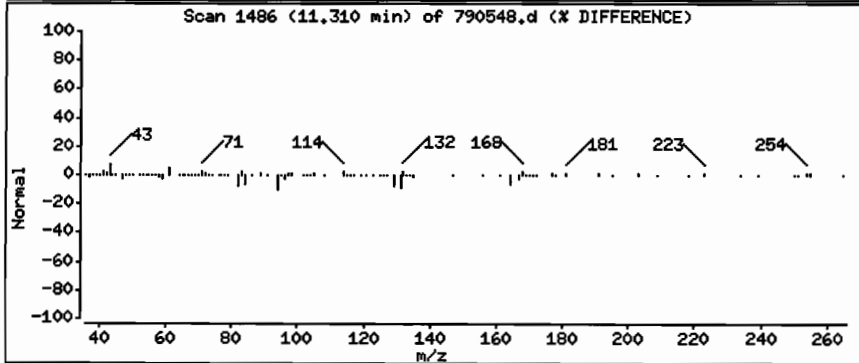
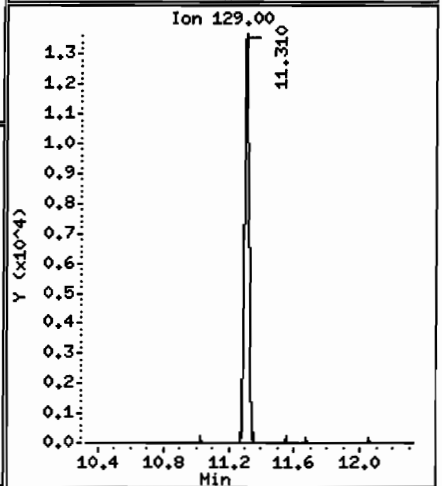
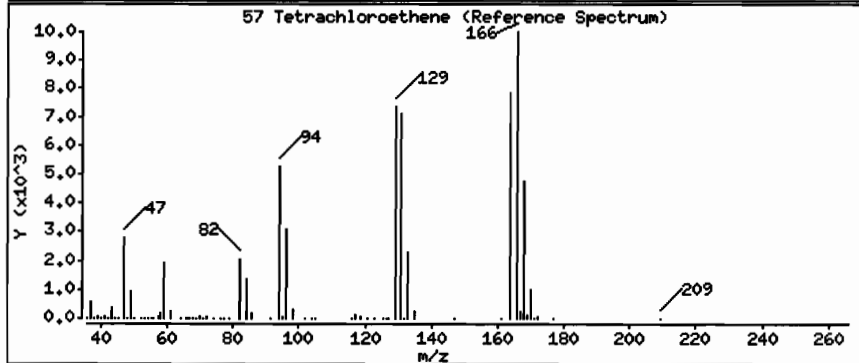
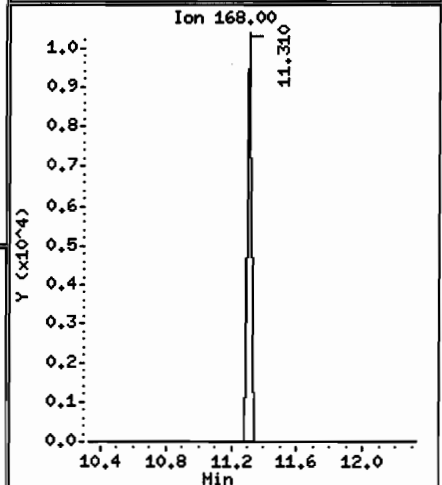
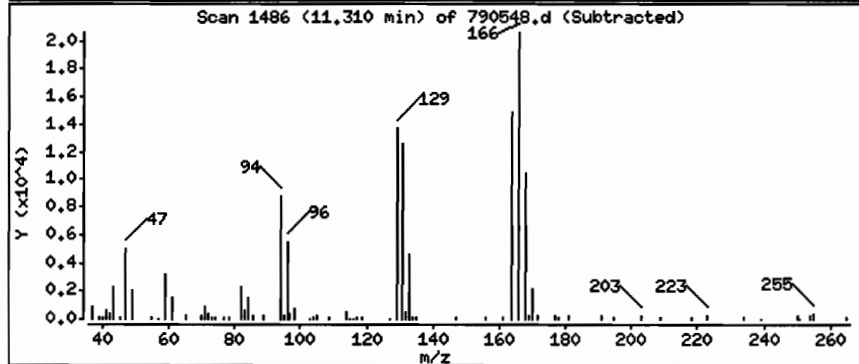
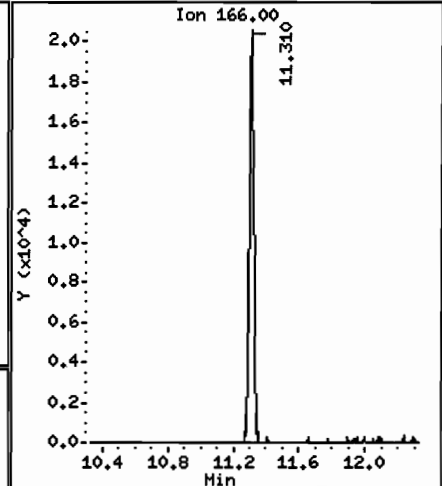
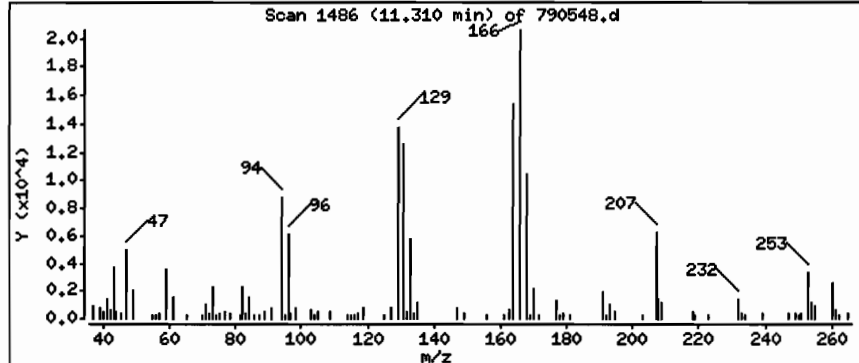
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

57 Tetrachloroethene

Concentration: 0.57 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N :I 103/26/09 @1520(AIR)

Purge Volume: 200.0

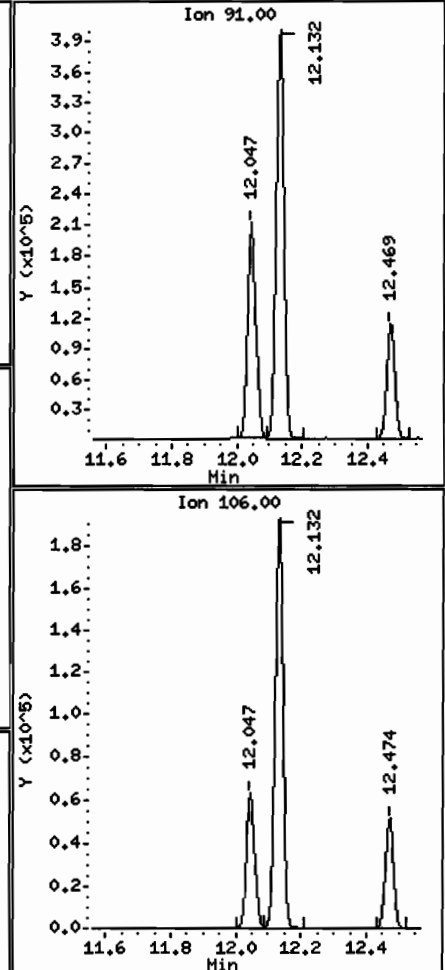
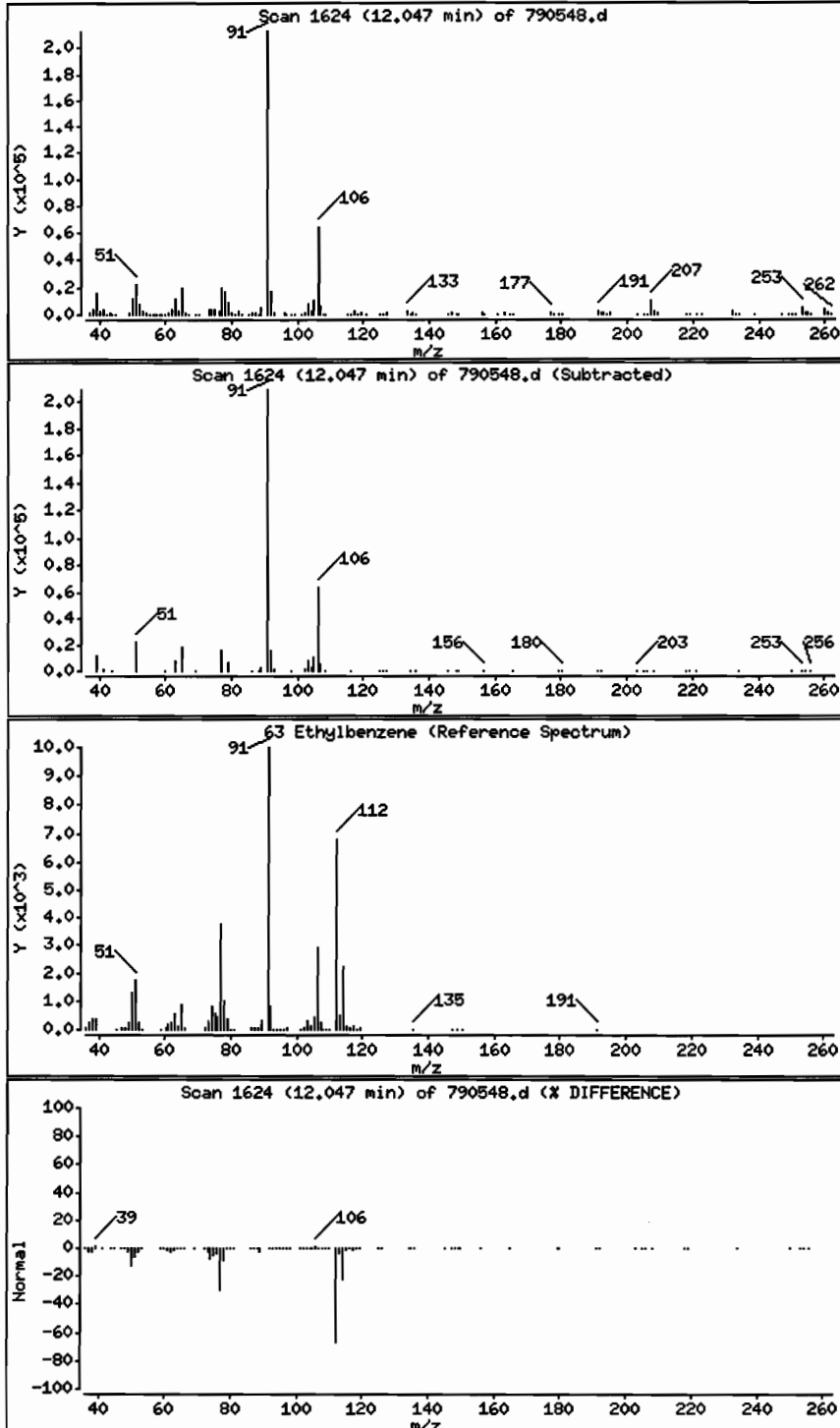
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

63 Ethylbenzene

Concentration: 2.7 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 @1520(AIR)

Purge Volume: 200.0

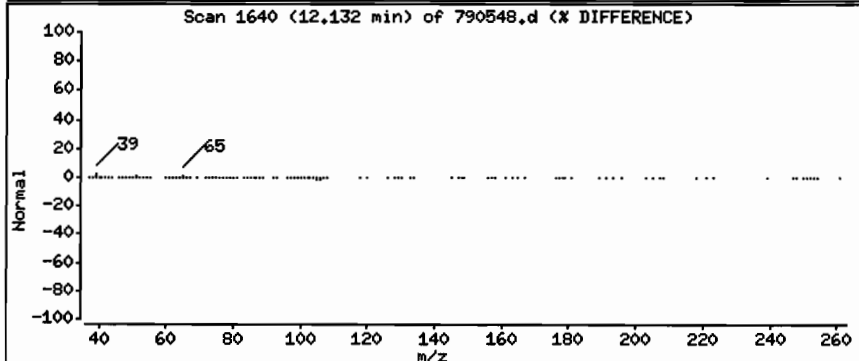
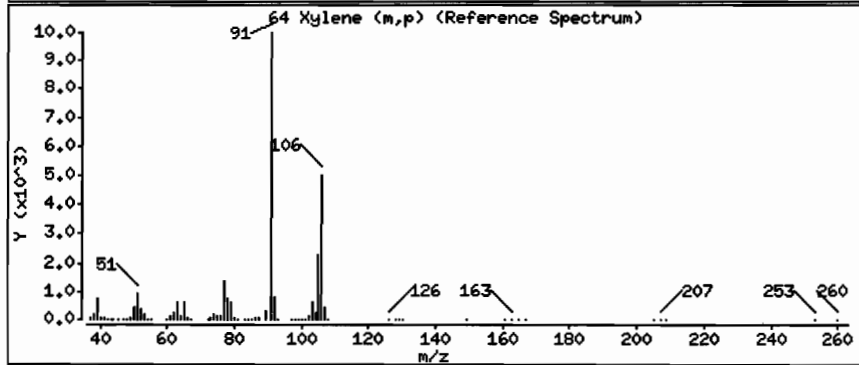
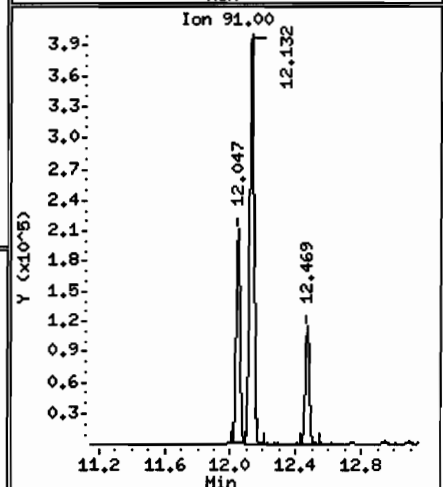
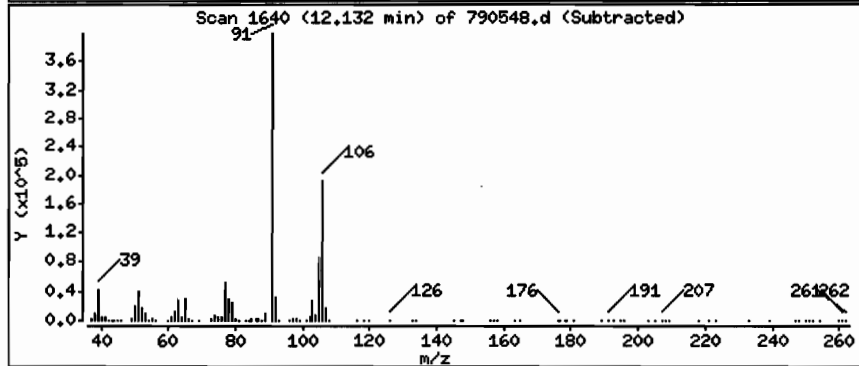
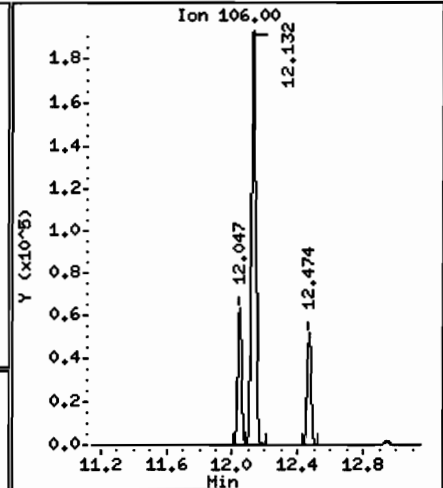
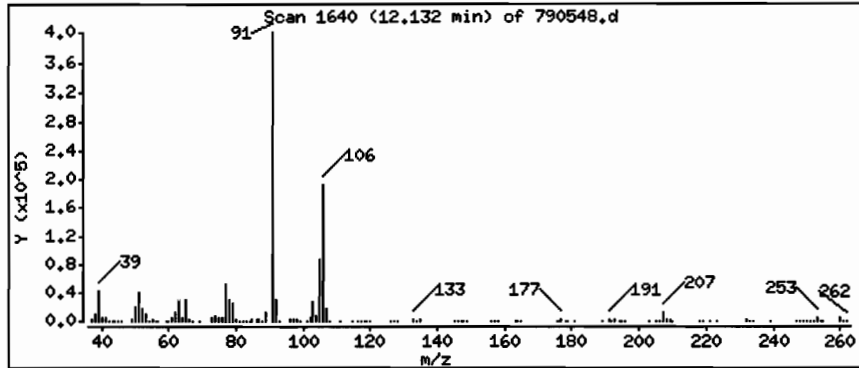
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

64 Xylene (m,p)

Concentration: 6.6 ppbv



Date : 31-MAR-2009 09:21

Client ID: 0326H-SS-02N

Instrument: C.i

Sample Info: 20090326H-SS-02N ;[103/26/09 @1520(AIR)

Purge Volume: 200.0

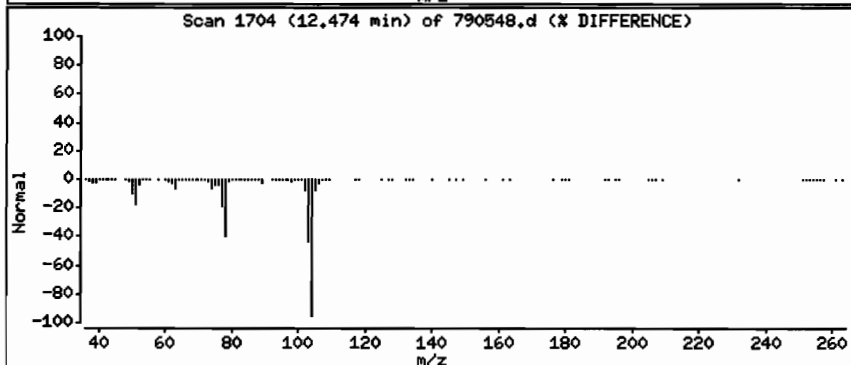
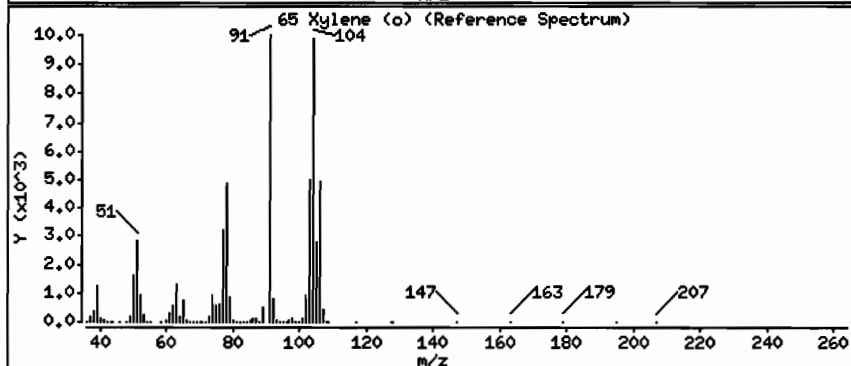
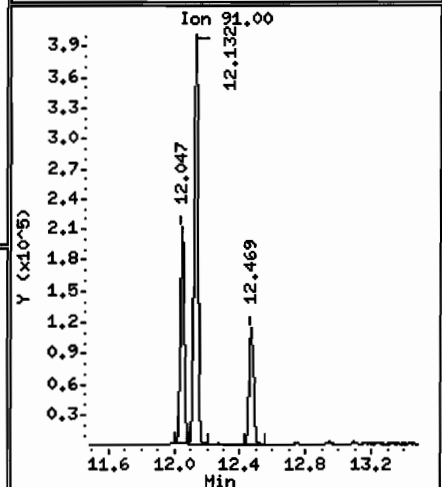
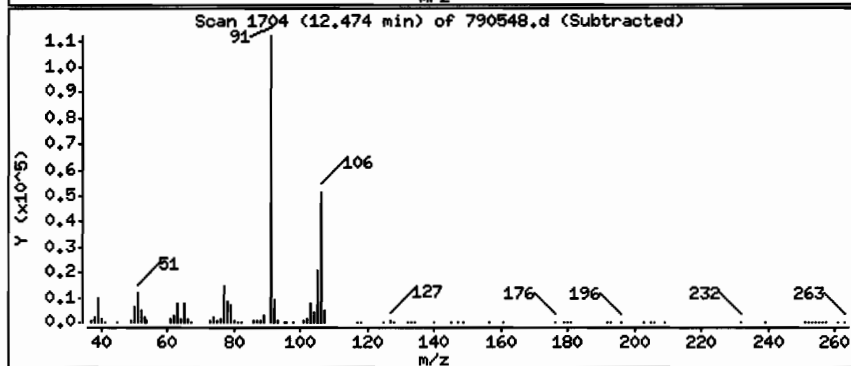
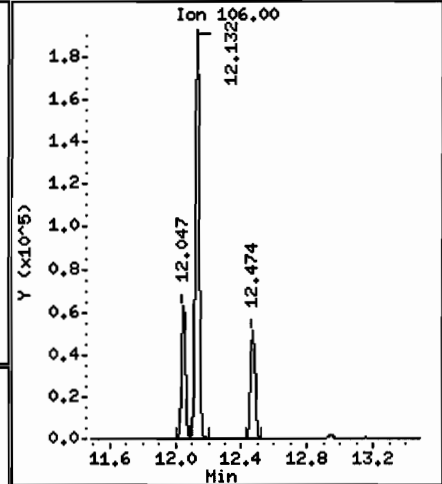
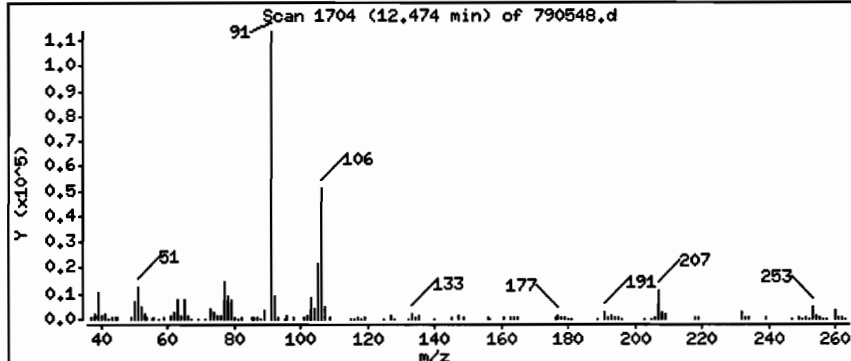
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

65 Xylene (o)

Concentration: 1.9 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-SS-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790549

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 790549D

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 30.0

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

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

75-71-8	Dichlorodifluoromethane	15	U
76-14-2	1,2-Dichlorotetrafluoroethane	6.0	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	6.0	U
106-99-0	1,3-Butadiene	15	U
74-83-9	Bromomethane	6.0	U
75-00-3	Chloroethane	15	U
593-60-2	Bromoethene	6.0	U
75-69-4	Trichlorofluoromethane	6.0	U
76-13-1	Freon TF	870	
75-35-4	1,1-Dichloroethene	6.0	U
67-64-1	Acetone	150	U
67-63-0	Isopropyl Alcohol	150	U
75-15-0	Carbon Disulfide	15	U
107-05-1	3-Chloropropene	15	U
75-09-2	Methylene Chloride	15	U
75-65-0	tert-Butyl Alcohol	150	U
1634-04-4	Methyl tert-Butyl Ether	15	U
156-60-5	trans-1,2-Dichloroethene	6.0	U
110-54-3	n-Hexane	15	U
75-34-3	1,1-Dichloroethane	6.0	U
78-93-3	Methyl Ethyl Ketone	15	U
156-59-2	cis-1,2-Dichloroethene	6.0	U
109-99-9	Tetrahydrofuran	150	U
67-66-3	Chloroform	6.0	U
71-55-6	1,1,1-Trichloroethane	6.0	U
110-82-7	Cyclohexane	6.0	U
56-23-5	Carbon Tetrachloride	6.0	U
540-84-1	2,2,4-Trimethylpentane	6.0	U
71-43-2	Benzene	6.0	U
540-59-0	1,2-Dichloroethene (total)	6.0	U
107-06-2	1,2-Dichloroethane	6.0	U
142-82-5	n-Heptane	6.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-SS-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790549

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 790549D

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 30.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	6.0	U
78-87-5	1,2-Dichloropropane	6.0	U
123-91-1	1,4-Dioxane	150	U
75-27-4	Bromodichloromethane	6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	U
108-10-1	Methyl Isobutyl Ketone	15	U
108-88-3	Toluene	6.0	U
10061-02-6	trans-1,3-Dichloropropene	6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	U
127-18-4	Tetrachloroethene	6.0	U
591-78-6	Methyl Butyl Ketone	15	U
124-48-1	Dibromochloromethane	6.0	U
106-93-4	1,2-Dibromoethane	6.0	U
108-90-7	Chlorobenzene	6.0	U
100-41-4	Ethylbenzene	6.0	U
1330-20-7	Xylene (m,p)	15	U
95-47-6	Xylene (o)	6.0	U
100-42-5	Styrene	6.0	U
75-25-2	Bromoform	6.0	U
79-34-5	1,1,2,2-Tetrachloroethane	6.0	U
1330-20-7	Xylene (total)	6.0	U
622-96-8	4-Ethyltoluene	6.0	U
108-67-8	1,3,5-Trimethylbenzene	6.0	U
95-49-8	2-Chlorotoluene	6.0	U
95-63-6	1,2,4-Trimethylbenzene	6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
120-82-1	1,2,4-Trichlorobenzene	15	U
87-68-3	Hexachlorobutadiene	6.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-SS-03N

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790549

Sample wt/vol: 23.00 (g/mL) ML Lab File ID: 790549D

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 30.0

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

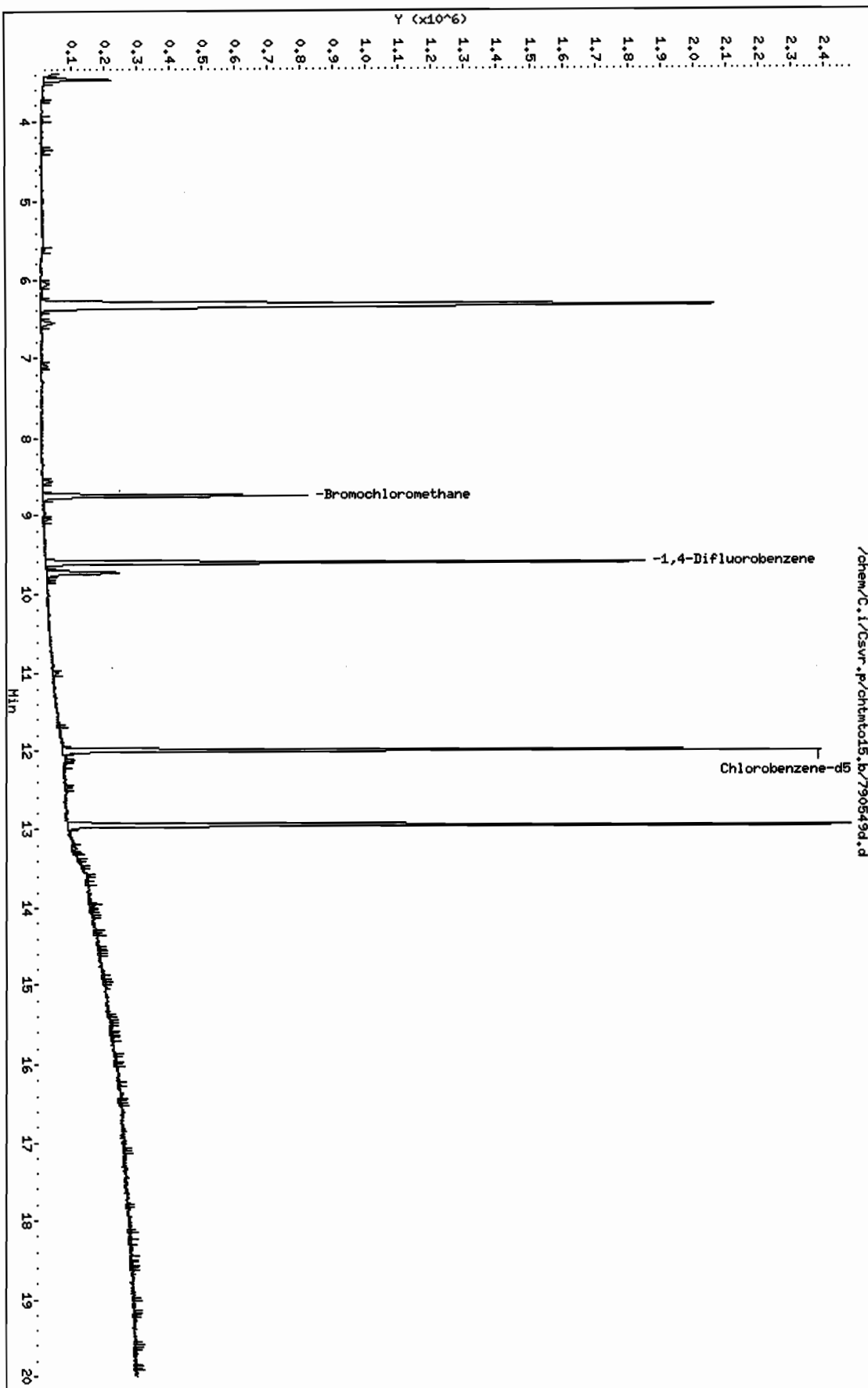
Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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.				

FORM I VOA-TIC

Data File: /chem/C.i/Csvr.p/chtmt015.bv/790549d.d
Date: 31-MAR-2009 10:08
Client ID: 0326H-SS-03N
Sample Info: 20090326H-SS-03N : [103/26/09 01730(AIR)]
Purge Volume: 23.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790549d.d
 Lab Smp Id: 790549 Client Smp ID: 0326H-SS-03N
 Inj Date : 31-MAR-2009 10:08
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-SS-03N :[]03/26/09 @1730(AIR)
 Misc Info : 790549;033009CA;30;23;cdf3.45
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 13
 Dil Factor: 30.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	30.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	23.00000	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						
3 1,2-Dichlorotetrafluoroethane	85						
4 Chloromethane	50						
6 Vinyl Chloride	62						
7 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
12 Bromoethene	106						
13 Trichlorofluoromethane	101						
17 Freon TF	101	6.326	6.347	(0.723)	1356693	28.9207	870
18 1,1-Dichloroethene	96						
19 Acetone	43						
20 Isopropyl Alcohol	45						
21 Carbon Disulfide	76						
22 3-Chloropropene	41						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
24 Methylene Chloride	49				Compound Not Detected.		
25 tert-Butyl Alcohol	59				Compound Not Detected.		
26 Methyl tert-Butyl Ether	73				Compound Not Detected.		
27 trans-1,2-Dichloroethene	61				Compound Not Detected.		
28 n-Hexane	57				Compound Not Detected.		
29 1,1-Dichloroethane	63				Compound Not Detected.		
30 Methyl Ethyl Ketone	72				Compound Not Detected.		
31 cis-1,2-Dichloroethene	96				Compound Not Detected.		
* 32 Bromochloromethane	128	8.743	8.765	(1.000)	224308	10.0000	(Q)
33 Tetrahydrofuran	42				Compound Not Detected.		
34 Chloroform	83				Compound Not Detected.		
35 1,1,1-Trichloroethane	97				Compound Not Detected.		
36 Cyclohexane	84				Compound Not Detected.		
37 Carbon Tetrachloride	117				Compound Not Detected.		
38 2,2,4-Trimethylpentane	57				Compound Not Detected.		
39 Benzene	78				Compound Not Detected.		
M 40 1,2-Dichloroethene (total)	61				Compound Not Detected.		
41 1,2-Dichloroethane	62				Compound Not Detected.		
42 n-Heptane	43				Compound Not Detected.		
* 43 1,4-Difluorobenzene	114	9.602	9.619	(1.000)	1394108	10.0000	
45 Trichloroethene	95				Compound Not Detected.		
47 1,2-Dichloropropane	63				Compound Not Detected.		
48 1,4-Dioxane	88				Compound Not Detected.		
50 Bromodichloromethane	83				Compound Not Detected.		
51 cis-1,3-Dichloropropene	75				Compound Not Detected.		
52 Methyl Isobutyl Ketone	43				Compound Not Detected.		
54 Toluene	92				Compound Not Detected.		
55 trans-1,3-Dichloropropene	75				Compound Not Detected.		
56 1,1,2-Trichloroethane	83				Compound Not Detected.		
57 Tetrachloroethene	166				Compound Not Detected.		
58 Methyl Butyl Ketone	43				Compound Not Detected.		
59 Dibromochloromethane	129				Compound Not Detected.		
60 1,2-Dibromoethane	107				Compound Not Detected.		
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1257116	10.0000	
62 Chlorobenzene	112				Compound Not Detected.		
63 Ethylbenzene	91				Compound Not Detected.		
64 Xylene (m,p)	106				Compound Not Detected.		
65 Xylene (o)	106				Compound Not Detected.		
66 Styrene	104				Compound Not Detected.		
67 Bromoform	173				Compound Not Detected.		
69 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
M 70 Xylene (total)	106				Compound Not Detected.		
74 4-Ethyltoluene	105				Compound Not Detected.		
75 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
76 2-Chlorotoluene	91				Compound Not Detected.		
79 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
82 1,3-Dichlorobenzene	146				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
83 1,4-Dichlorobenzene	146						
88 1,2-Dichlorobenzene	146						
90 1,2,4-Trichlorobenzene	180						
91 Hexachlorobutadiene	225						

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/chtmt015.b/790549d.d
Report Date: 21-Apr-2009 21:20

Page 4

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790549d.d
Lab Smp Id: 790549 Client Smp ID: 0326H-SS-03N
Inj Date : 31-MAR-2009 10:08
Operator : pad Inst ID: C.i
Smp Info : 20090326H-SS-03N :[]03/26/09 @1730(AIR)
Misc Info : 790549;033009CA;30;23;cdf3.45
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 13
Dil Factor: 30.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Date : 31-MAR-2009 10:08

Client ID: 0326H-SS-03N

Instrument: C.i

Sample Info: 20090326H-SS-03N :[103/26/09 @1730(AIR)

Purge Volume: 23.0

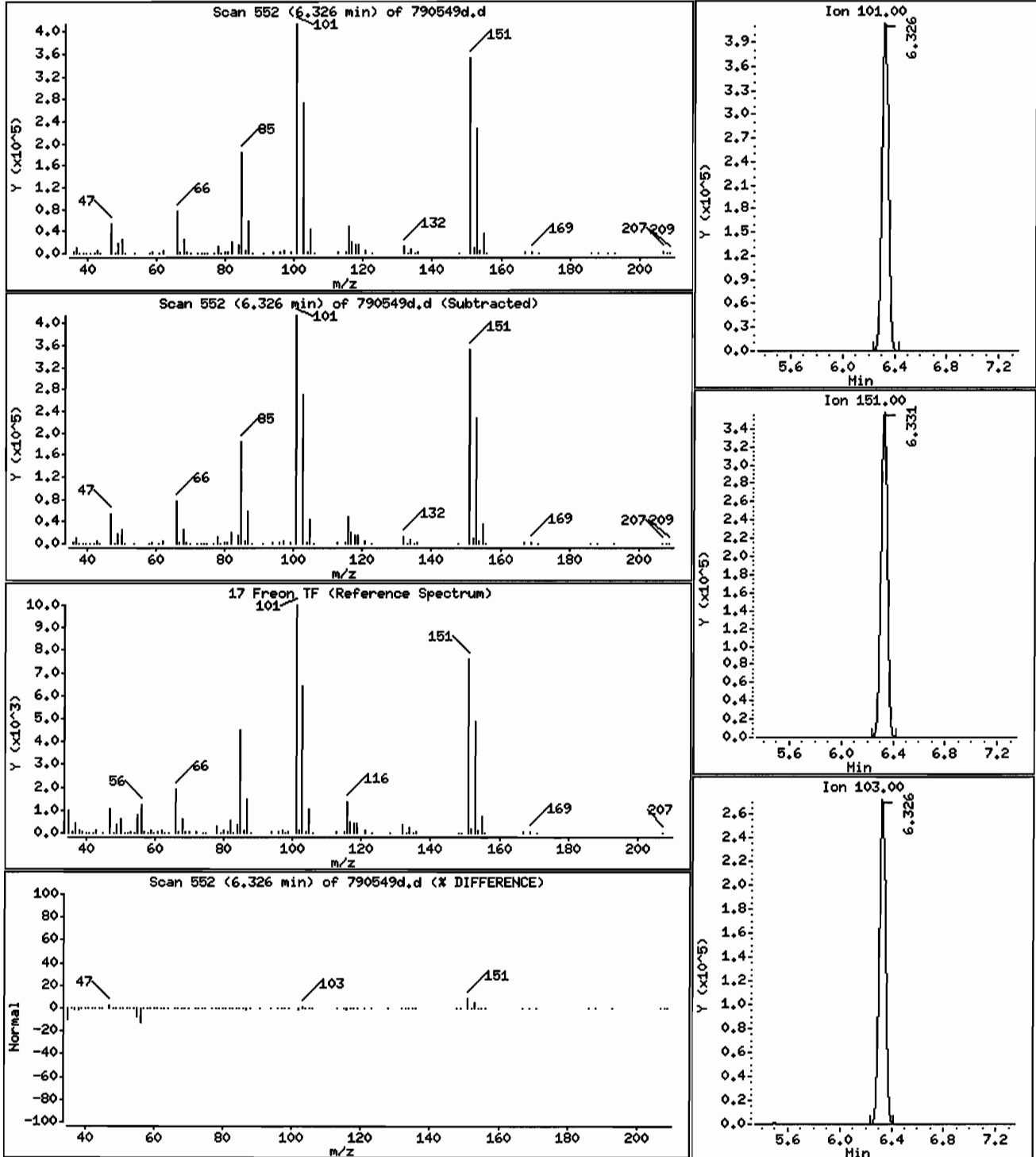
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

17 Freon TF

Concentration: 870 ppbv



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROHHAA SAMPLE NO.

0326H-SS-FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790550

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790550

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.82	
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	0.26	
76-13-1	Freon TF	4.8	
75-35-4	1,1-Dichloroethene	0.20	U
67-64-1	Acetone	7.6	
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	0.62	
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
78-93-3	Methyl Ethyl Ketone	0.84	
156-59-2	cis-1,2-Dichloroethene	0.20	U
109-99-9	Tetrahydrofuran	5.0	U
67-66-3	Chloroform	0.43	
71-55-6	1,1,1-Trichloroethane	0.89	
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	
540-59-0	1,2-Dichloroethene (total)	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

ROHHA SAMPLE NO.

0326H-SS-FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790550

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790550

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

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	0.89	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.55	
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	2.5	
1330-20-7	Xylene (m,p)	6.2	
95-47-6	Xylene (o)	1.8	
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
1330-20-7	Xylene (total)	8.2	
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	0.21	
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

ROHHAA SAMPLE NO.

0326H-SS-FD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: 790550

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 790550

Level: (low/med) LOW Date Received: 03/28/09

% Moisture: not dec. _____ Date Analyzed: 03/31/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

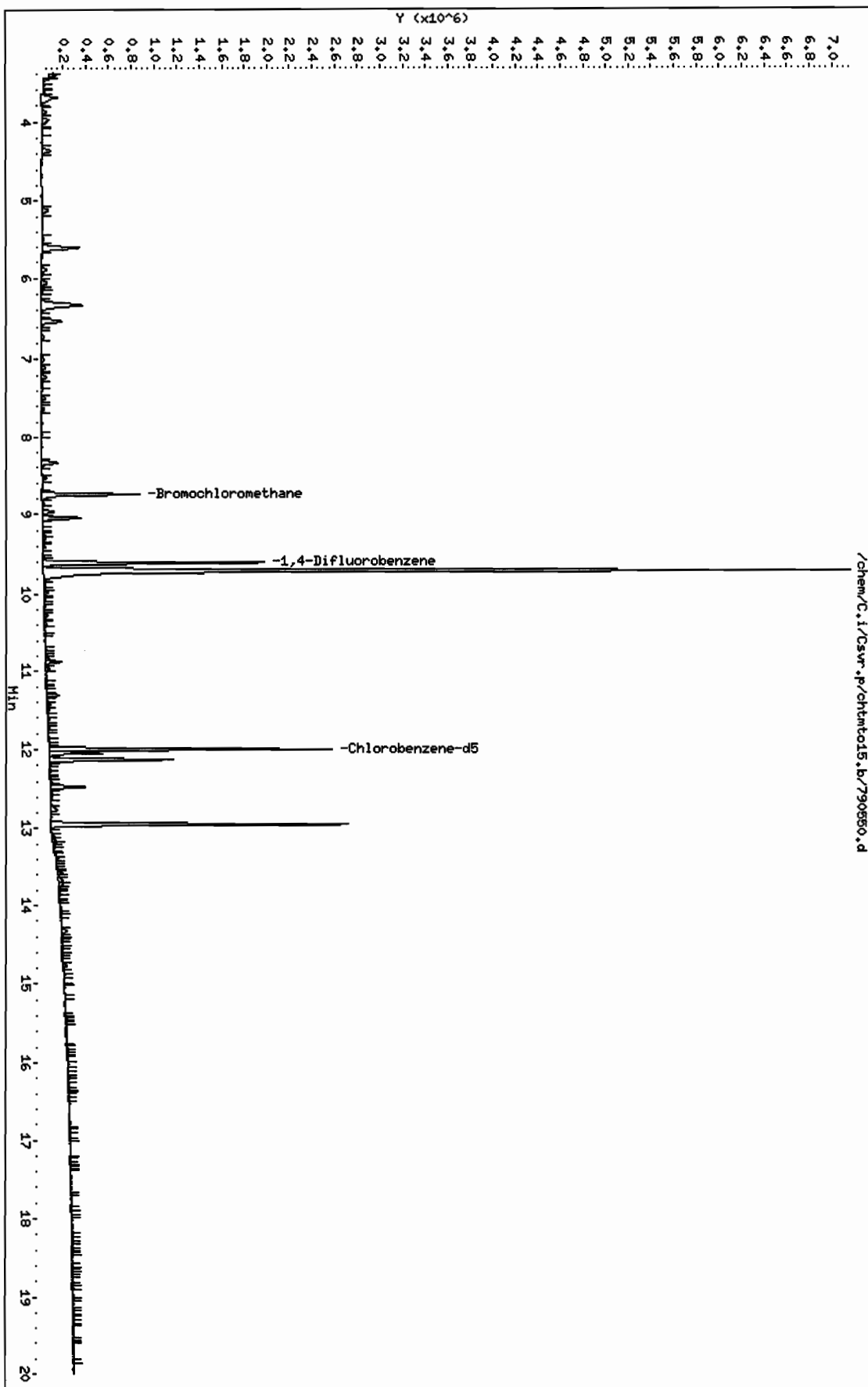
Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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26.				
27.				
28.				
29.				
30.				

FORM I VOA-TIC

Data File: /chem/C.1/Csvr.p/chtnt015.b/790550.d
Date: 31-MAR-2009 10:54
Client ID: 0326H-SS-FD
Sample Info: 20090326H-SS-FD : I 103/26/09 04651(AIR)
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790550.d
 Lab Smp Id: 790550 Client Smp ID: 0326H-SS-FD
 Inj Date : 31-MAR-2009 10:54
 Operator : pad Inst ID: C.i
 Smp Info : 20090326H-SS-FD : []03/26/09 @1651(AIR)
 Misc Info : 790550;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.428	3.433	(0.392)	78491	0.81847	0.82
3 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
4 Chloromethane	50	Compound Not Detected.					
6 Vinyl Chloride	62	Compound Not Detected.					
7 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Bromoethene	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	5.498	5.504	(0.628)	24142	0.26438	0.26
17 Freon TF	101	6.331	6.347	(0.724)	237134	4.77094	4.8
18 1,1-Dichloroethene	96	Compound Not Detected.					
19 Acetone	43	6.529	6.534	(0.746)	291823	7.62137	7.6
20 Isopropyl Alcohol	45	Compound Not Detected.					
21 Carbon Disulfide	76	Compound Not Detected.					
22 3-Chloropropene	41	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		
						ON-COLUMN (ppbv)	FINAL (ppbv)	
=====	=====	==	=====	=====	=====	=====	=====	
24 Methylene Chloride	49	7.100	7.116	(0.812)	19411	0.61748	0.62	
25 tert-Butyl Alcohol	59	Compound Not Detected.						
26 Methyl tert-Butyl Ether	73	Compound Not Detected.						
27 trans-1,2-Dichloroethene	61	Compound Not Detected.						
28 n-Hexane	57	Compound Not Detected.						
29 1,1-Dichloroethane	63	Compound Not Detected.						
30 Methyl Ethyl Ketone	72	8.535	8.525	(0.976)	9270	0.84044	0.84 (Q)	
31 cis-1,2-Dichloroethene	96	Compound Not Detected.						
* 32 Bromochloromethane	128	8.749	8.765	(1.000)	237663	10.0000		
33 Tetrahydrofuran	42	Compound Not Detected.						
34 Chloroform	83	8.781	8.797	(1.004)	26115	0.42806	0.43	
35 1,1,1-Trichloroethane	97	8.967	8.983	(0.934)	65071	0.88978	0.89	
36 Cyclohexane	84	Compound Not Detected.						
37 Carbon Tetrachloride	117	Compound Not Detected.						
38 2,2,4-Trimethylpentane	57	Compound Not Detected.						
39 Benzene	78	9.298	9.314	(0.968)	16887	0.19811	0.20	
M 40 1,2-Dichloroethene (total)	61	Compound Not Detected.						
41 1,2-Dichloroethane	62	Compound Not Detected.						
42 n-Heptane	43	Compound Not Detected.						
* 43 1,4-Difluorobenzene	114	9.603	9.619	(1.000)	1490859	10.0000		
45 Trichloroethene	95	Compound Not Detected.						
47 1,2-Dichloropropane	63	Compound Not Detected.						
48 1,4-Dioxane	88	Compound Not Detected.						
50 Bromodichloromethane	83	Compound Not Detected.						
51 cis-1,3-Dichloropropene	75	Compound Not Detected.						
52 Methyl Isobutyl Ketone	43	Compound Not Detected.						
54 Toluene	92	10.873	10.894	(0.906)	54128	0.89378	0.89	
55 trans-1,3-Dichloropropene	75	Compound Not Detected.						
56 1,1,2-Trichloroethane	83	Compound Not Detected.						
57 Tetrachloroethene	166	11.310	11.326	(0.943)	32744	0.55417	0.55	
58 Methyl Butyl Ketone	43	Compound Not Detected.						
59 Dibromochloromethane	129	Compound Not Detected.						
60 1,2-Dibromoethane	107	Compound Not Detected.						
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1326230	10.0000		
62 Chlorobenzene	112	Compound Not Detected.						
63 Ethylbenzene	91	12.047	12.063	(1.004)	310092	2.49504	2.5	
64 Xylene (m,p)	106	12.132	12.148	(1.011)	300120	6.24438	6.2	
65 Xylene (o)	106	12.474	12.485	(1.040)	84661	1.79689	1.8	
66 Styrene	104	Compound Not Detected.						
67 Bromoform	173	Compound Not Detected.						
69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
M 70 Xylene (total)	106					384781	8.16678	8.2
74 4-Ethyltoluene	105	Compound Not Detected.						
75 1,3,5-Trimethylbenzene	105	Compound Not Detected.						
76 2-Chlorotoluene	91	Compound Not Detected.						
79 1,2,4-Trimethylbenzene	105	13.568	13.584	(1.131)	21522	0.20628	0.21	
82 1,3-Dichlorobenzene	146	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
83 1,4-Dichlorobenzene	146						
88 1,2-Dichlorobenzene	146						
90 1,2,4-Trichlorobenzene	180						
91 Hexachlorobutadiene	225						

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/chtmt015.b/790550.d
Report Date: 21-Apr-2009 21:20

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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/790550.d
Lab Smp Id: 790550 Client Smp ID: 0326H-SS-FD
Inj Date : 31-MAR-2009 10:54
Operator : pad Inst ID: C.i
Smp Info : 20090326H-SS-FD :[]03/26/09 @1651(AIR)
Misc Info : 790550;033009CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Date : 31-HAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD ;[103/26/09 @1651(AIR)

Purge Volume: 200.0

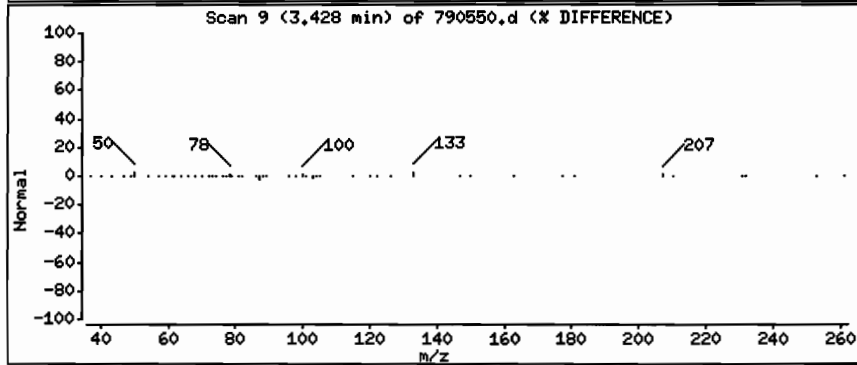
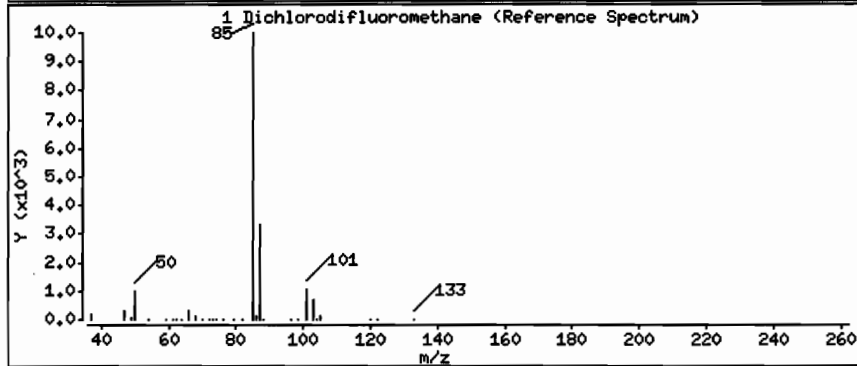
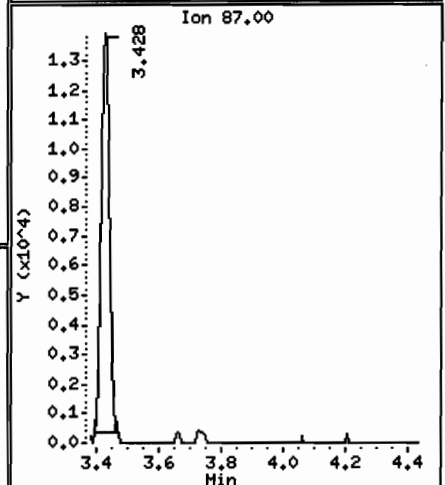
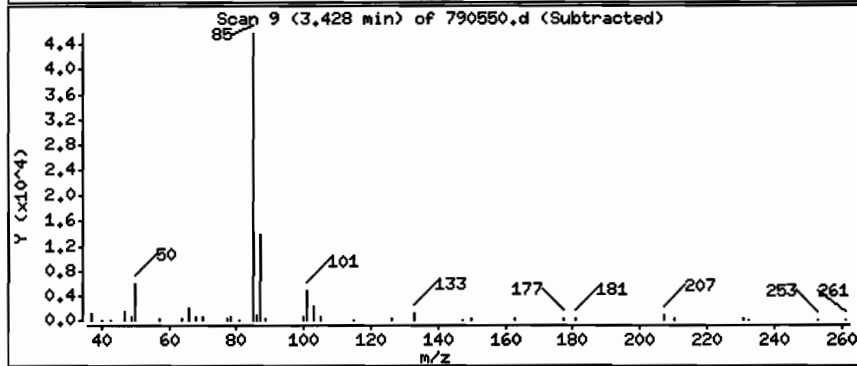
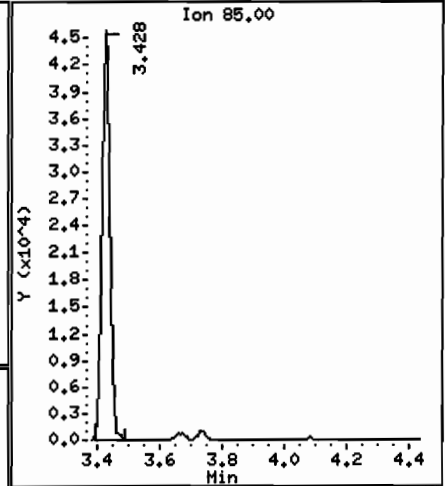
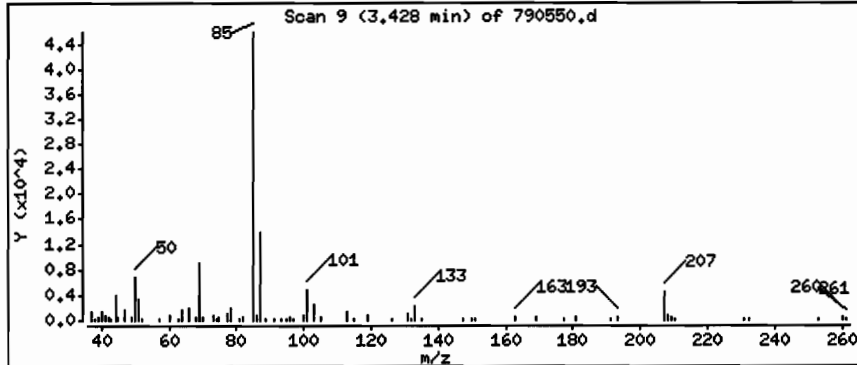
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

1 Dichlorodifluoromethane

Concentration: 0.82 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[103/26/09 @1651(AIR)

Purge Volume: 200.0

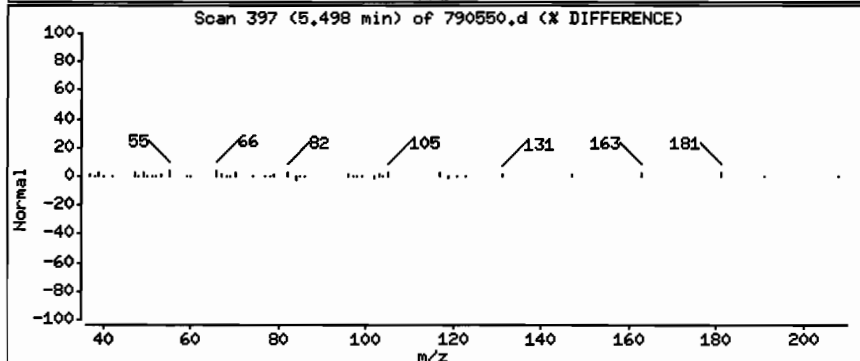
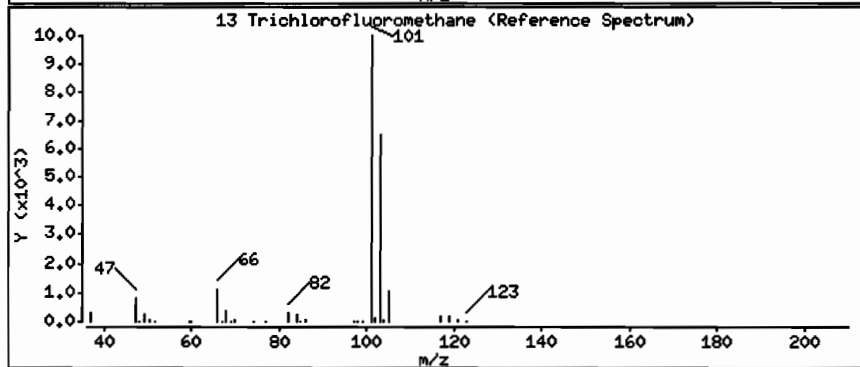
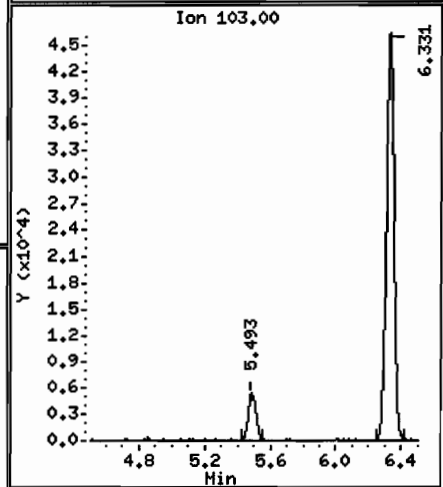
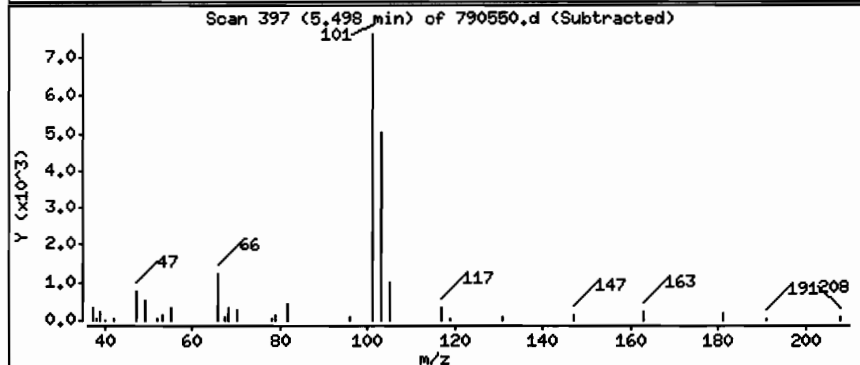
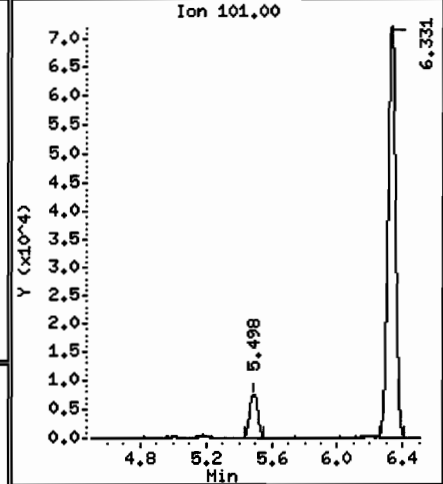
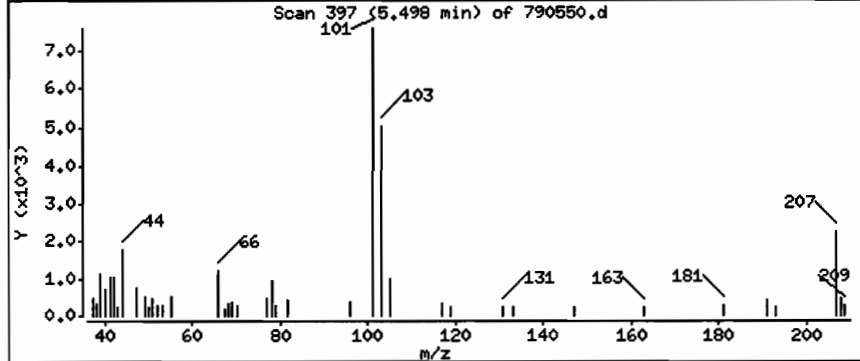
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

13 Trichlorofluoromethane

Concentration: 0.26 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[103/26/09 @1651(AIR)

Purge Volume: 200.0

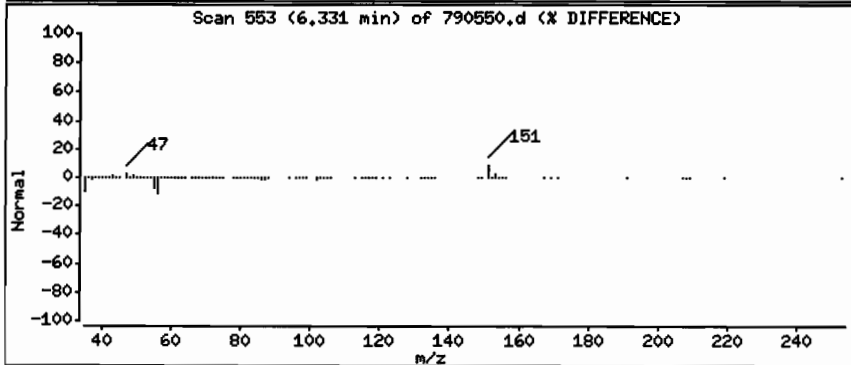
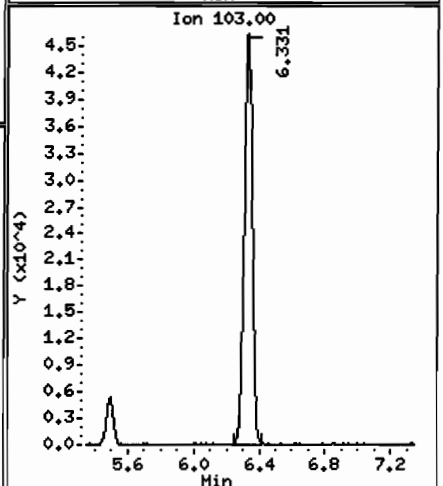
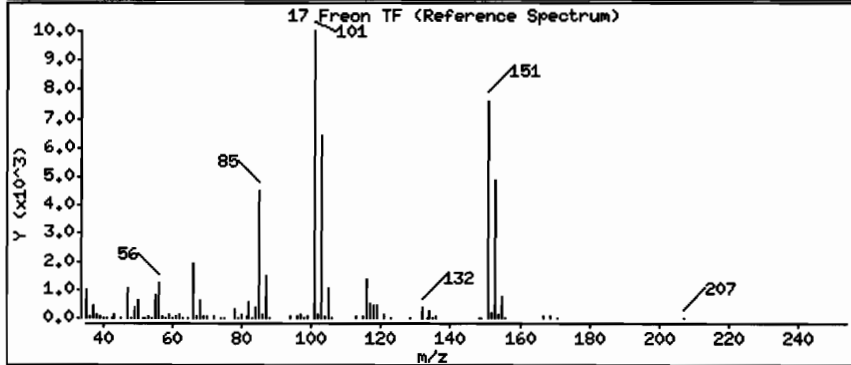
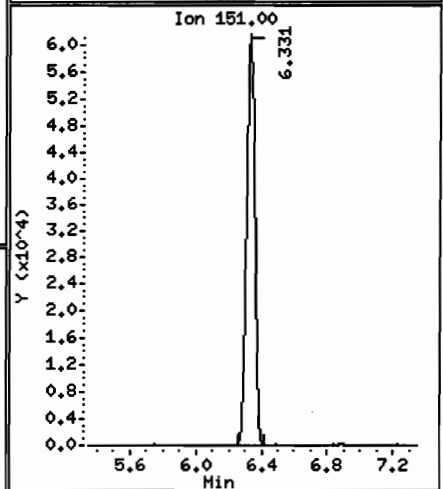
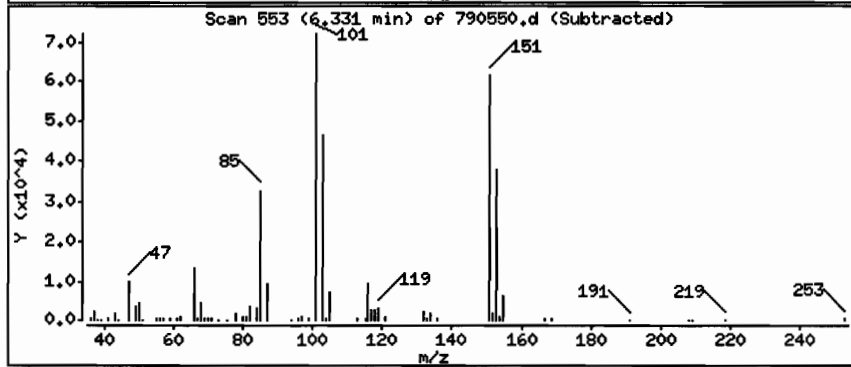
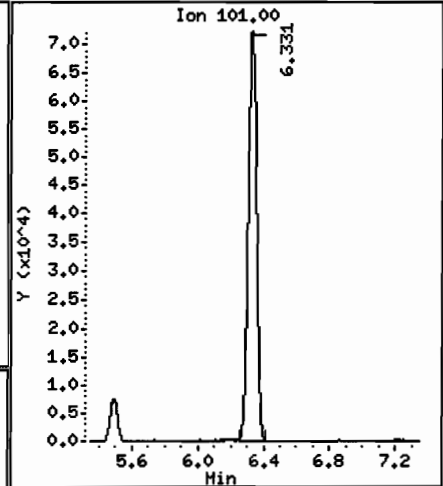
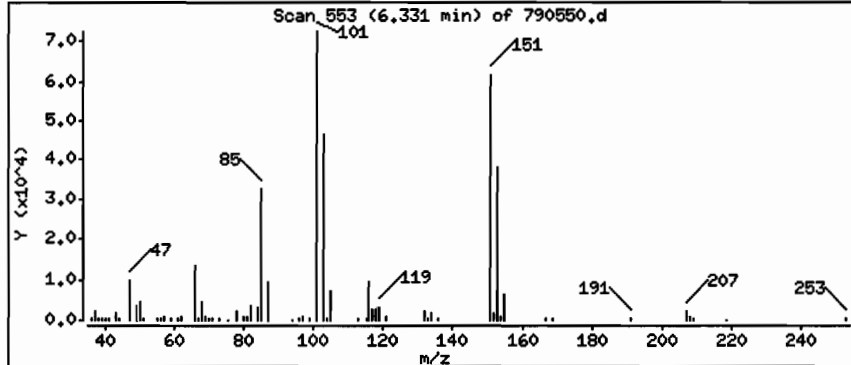
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

17 Freon TF

Concentration: 4.8 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD ;[103/26/09 @1651(AIR)

Purge Volume: 200.0

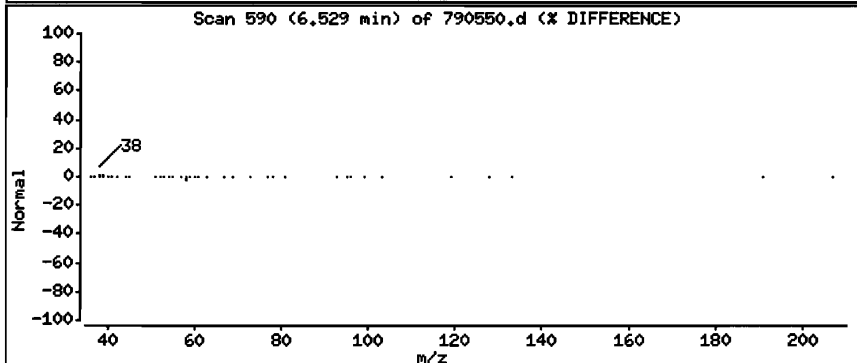
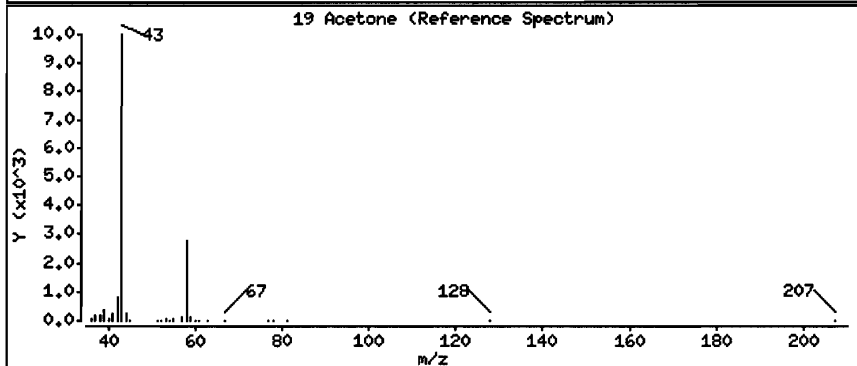
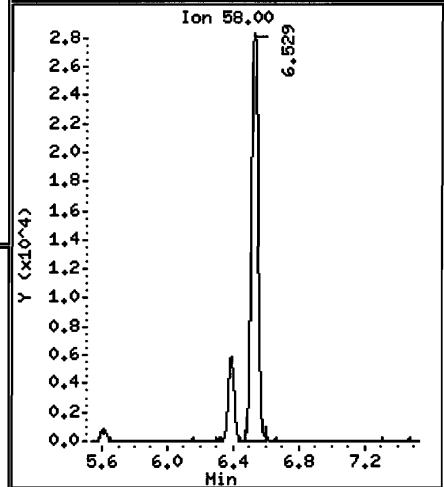
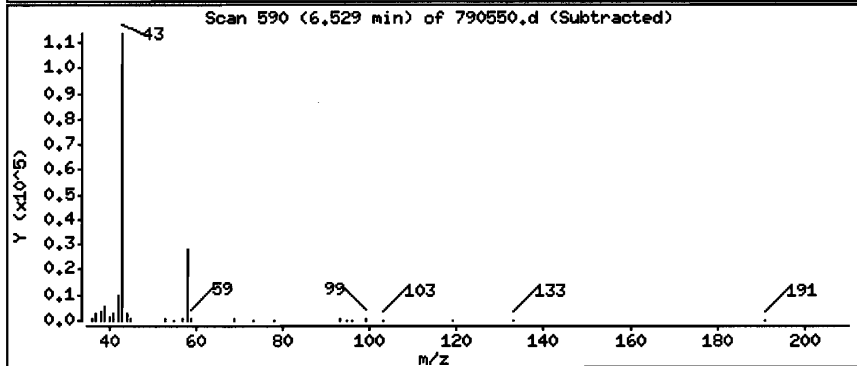
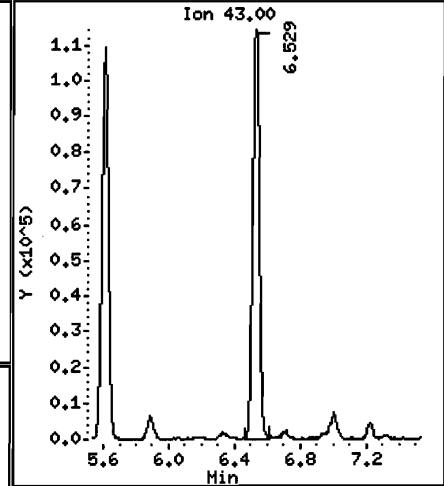
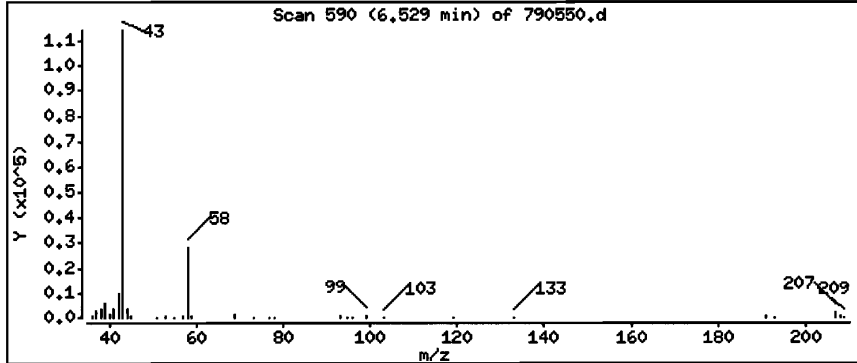
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

19 Acetone

Concentration: 7.6 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD ;[103/26/09 @1651(AIR)

Purge Volume: 200.0

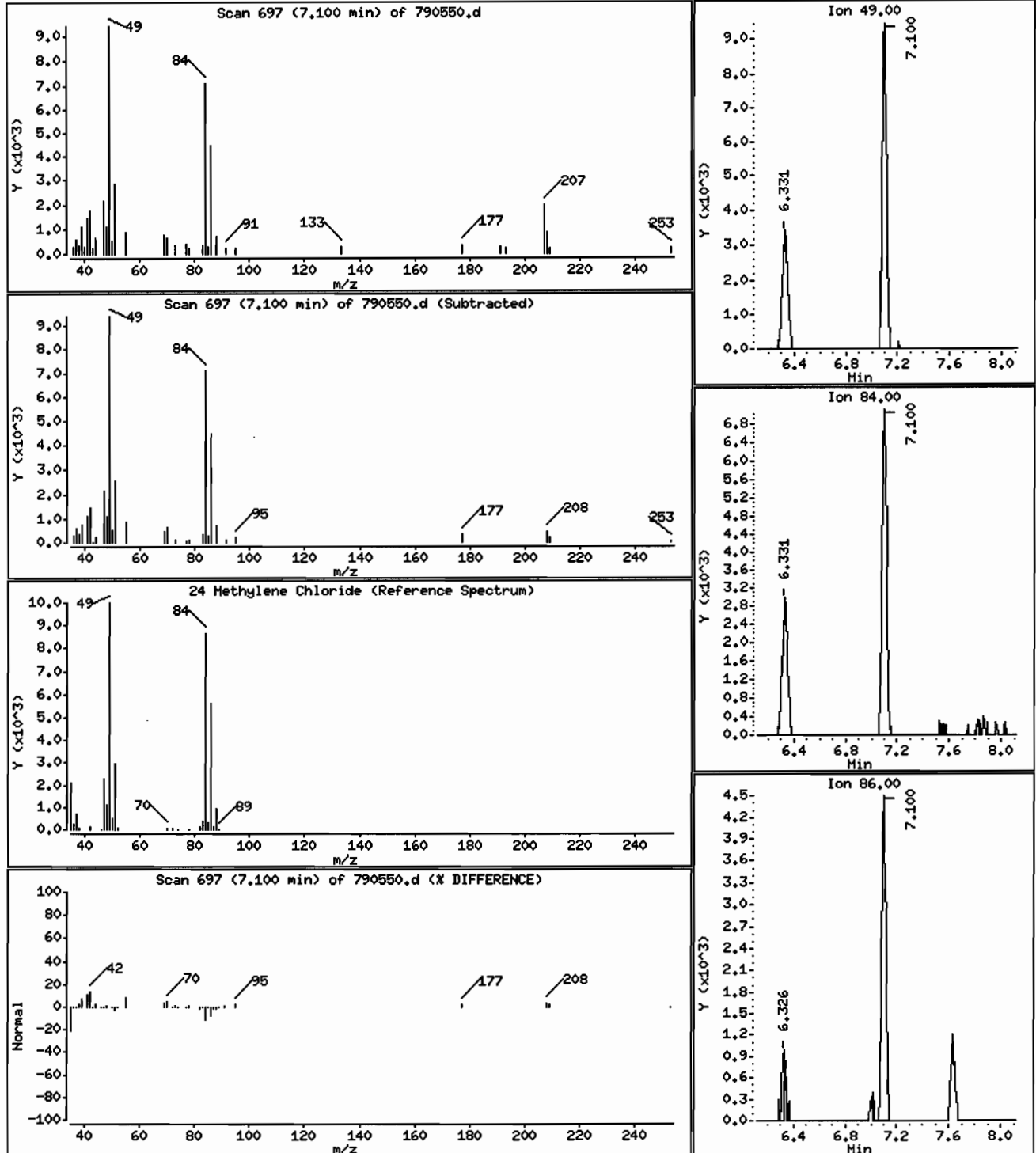
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

24 Methylene Chloride

Concentration: 0.62 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[103/26/09 @1651(AIR)

Purge Volume: 200.0

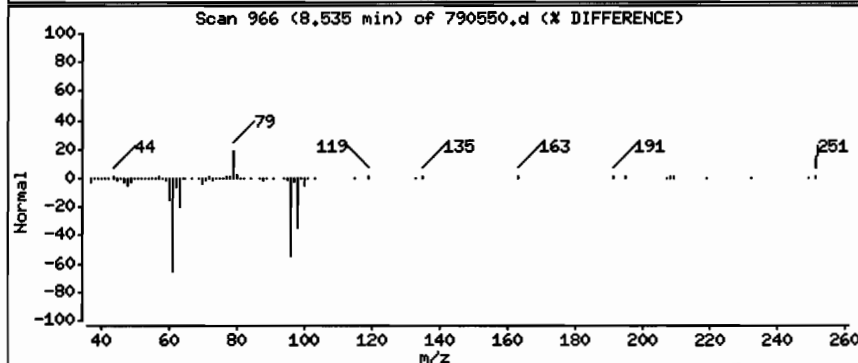
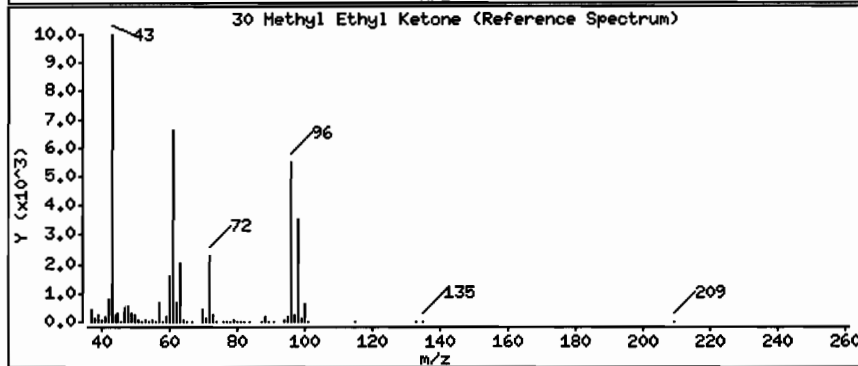
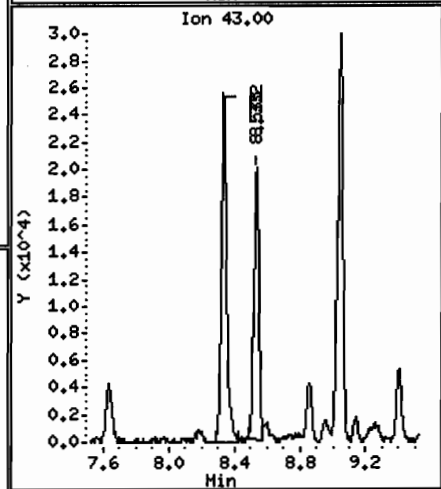
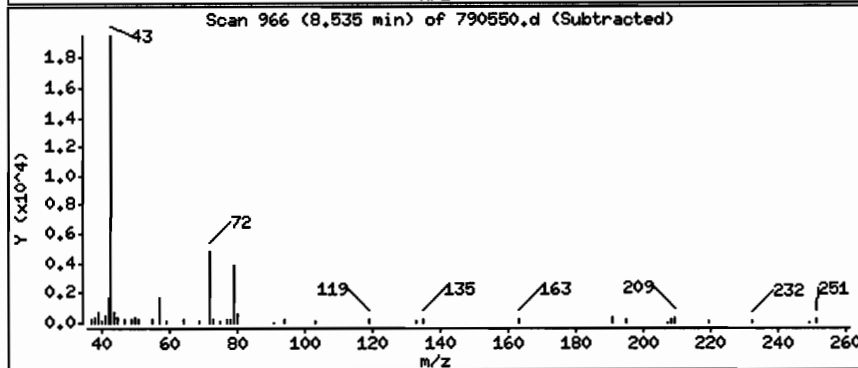
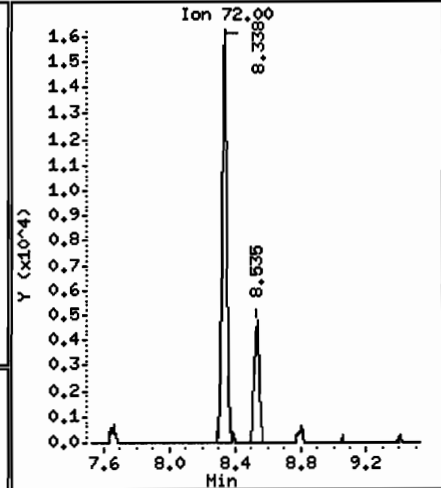
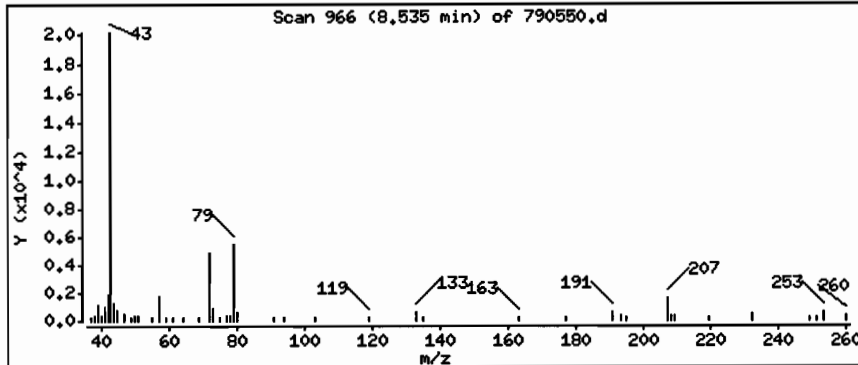
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

30 Methyl Ethyl Ketone

Concentration: 0.84 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD ;[103/26/09 01651(AIR)

Purge Volume: 200.0

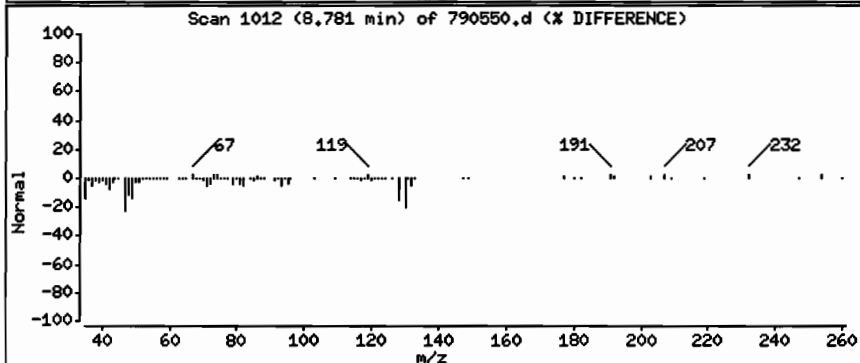
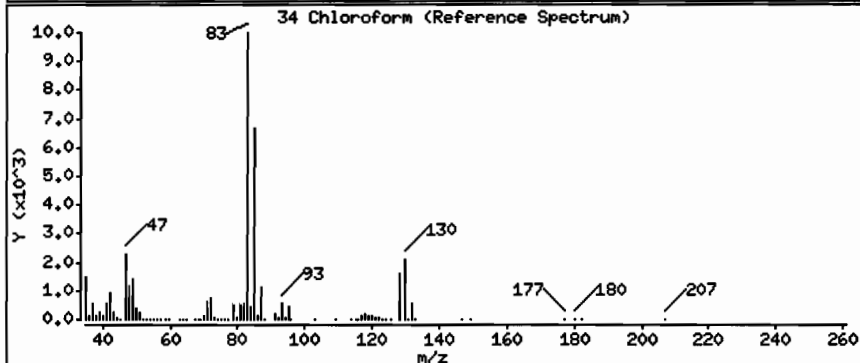
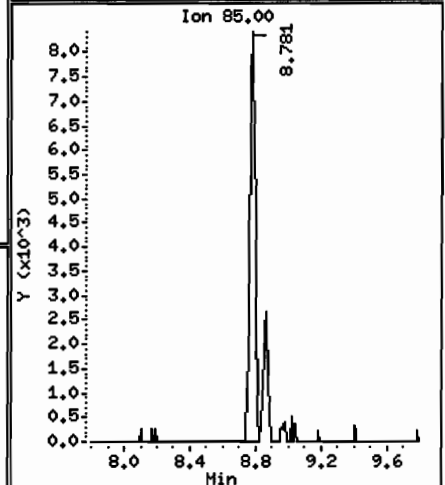
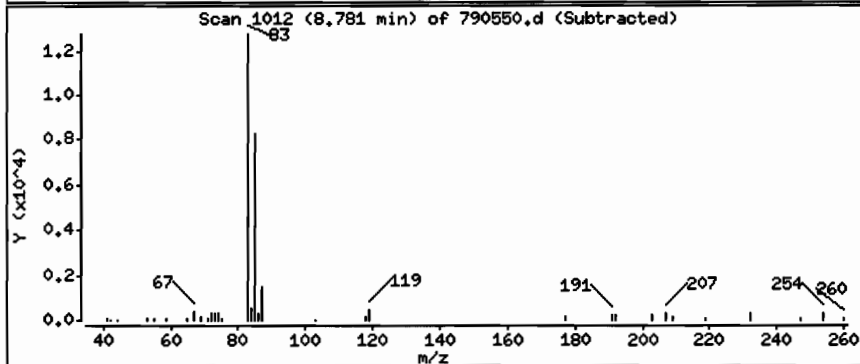
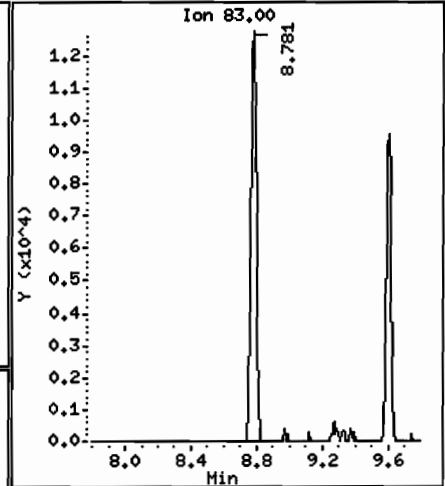
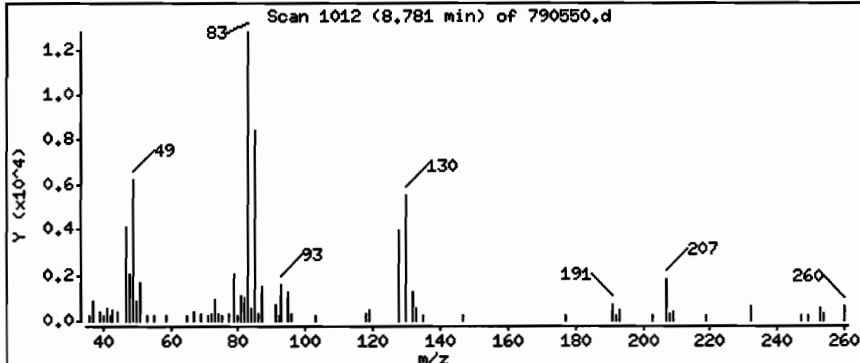
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

34 Chloroform

Concentration: 0.43 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD ;[J03/26/09 @1651(AIR)

Purge Volume: 200.0

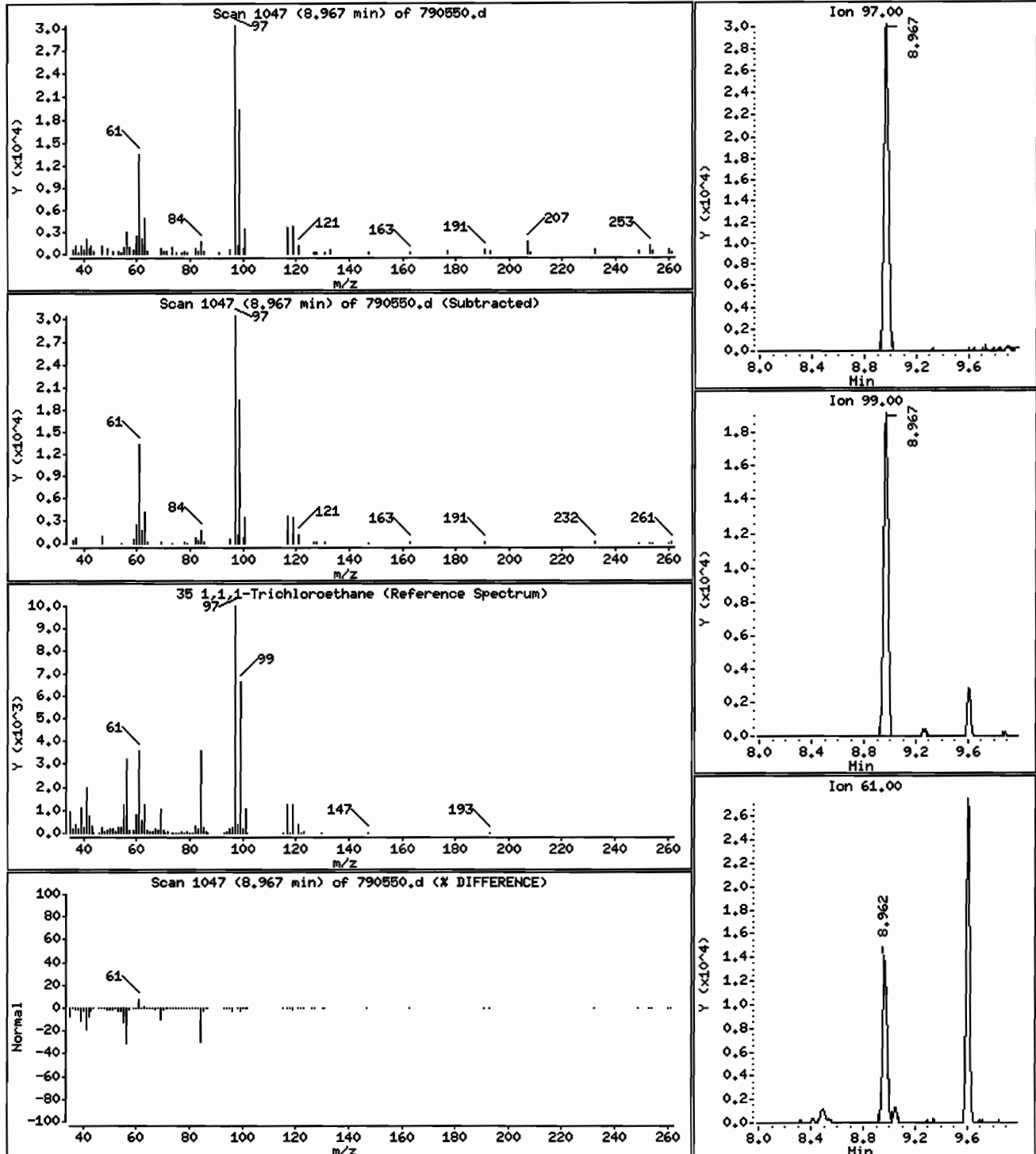
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

35 1,1,1-Trichloroethane

Concentration: 0.89 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[103/26/09 @1651(AIR)

Purge Volume: 200.0

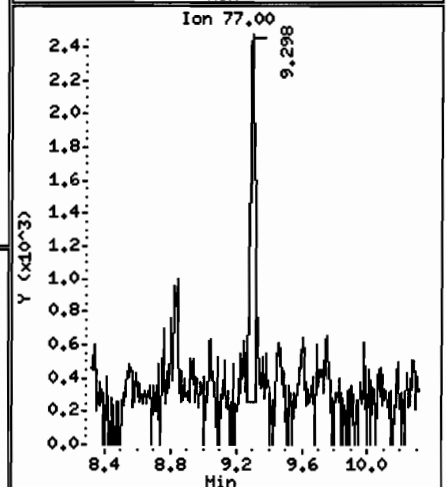
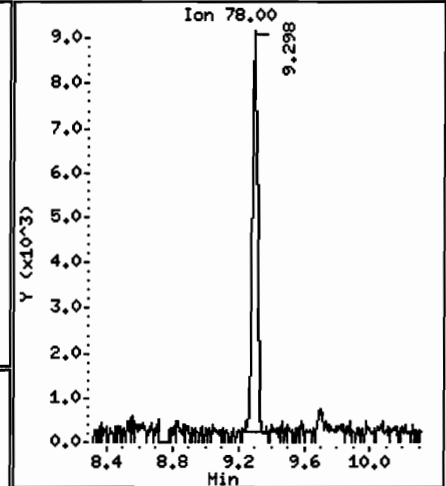
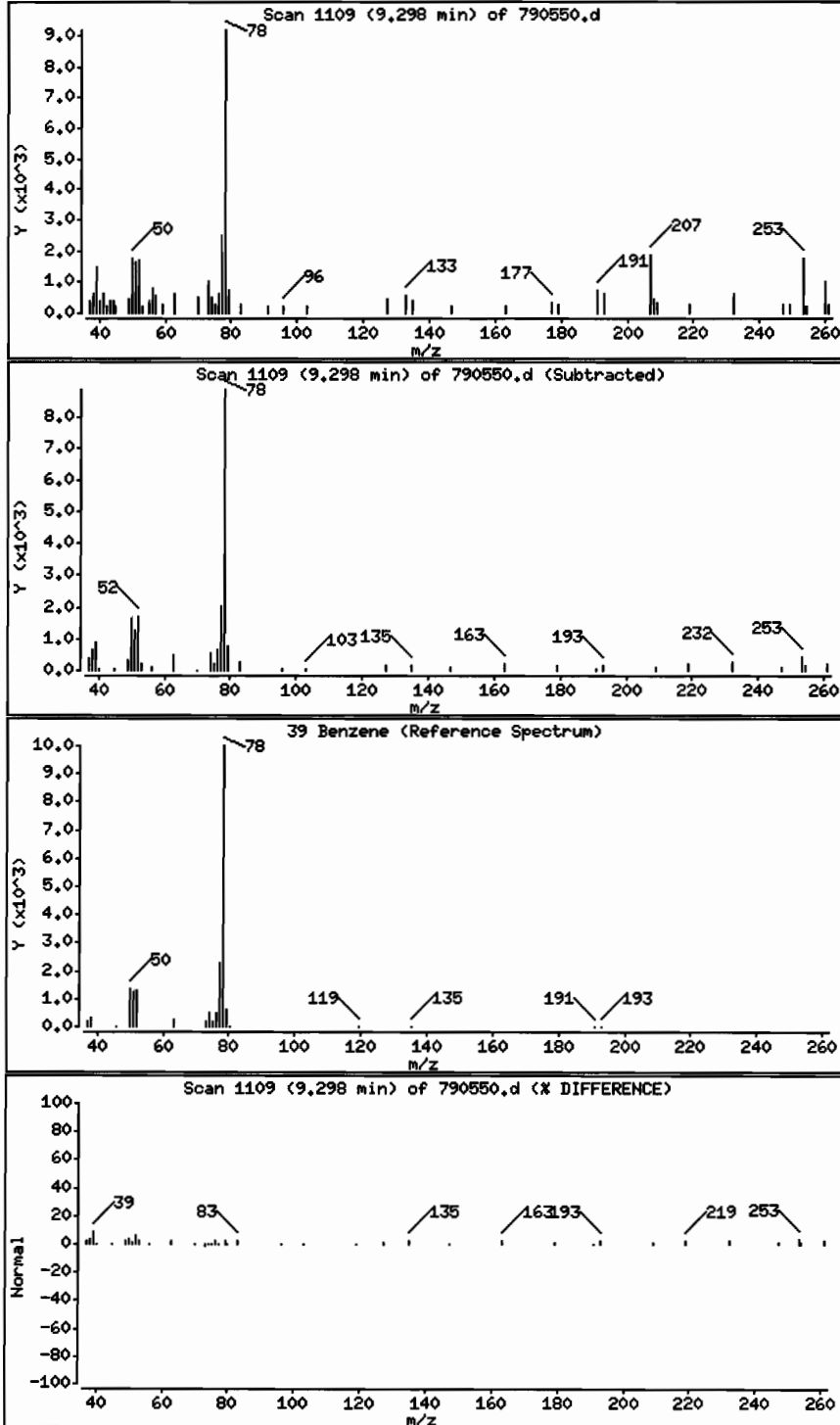
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

39 Benzene

Concentration: 0.20 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[103/26/09 @1651(AIR)

Purge Volume: 200.0

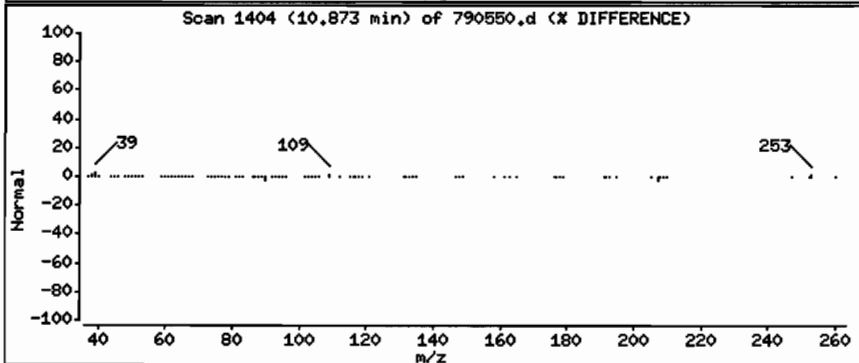
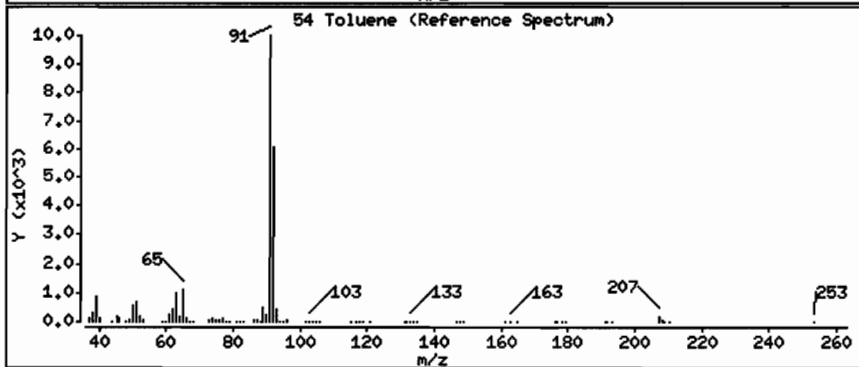
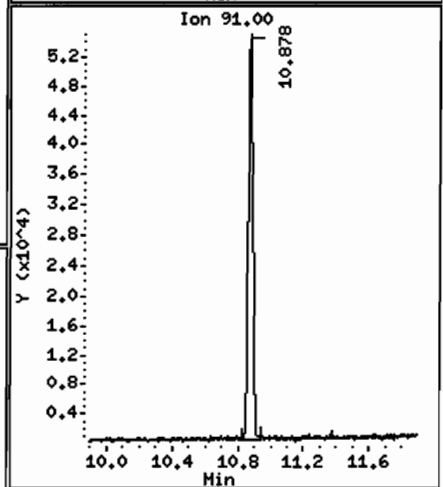
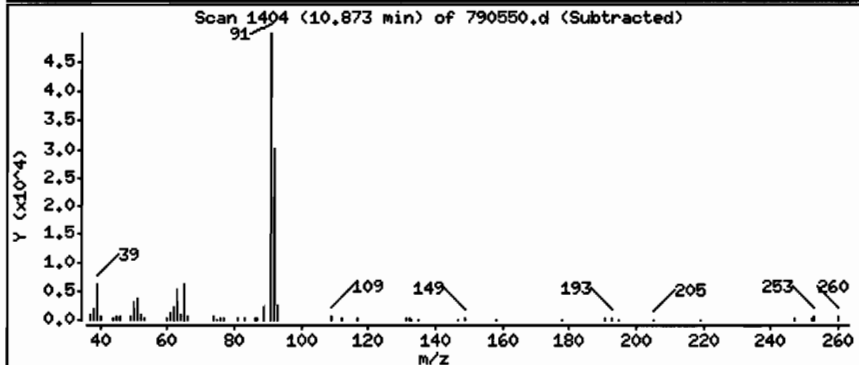
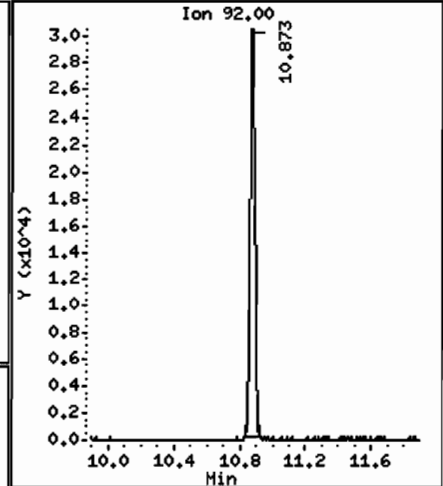
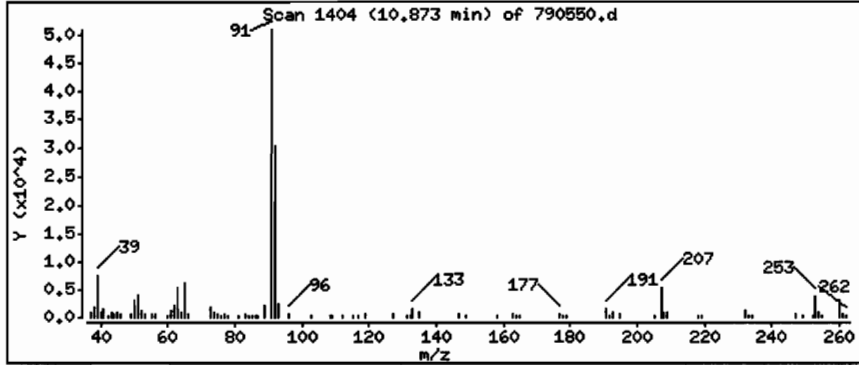
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

54 Toluene

Concentration: 0.89 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[103/26/09 @1651(AIR)

Purge Volume: 200.0

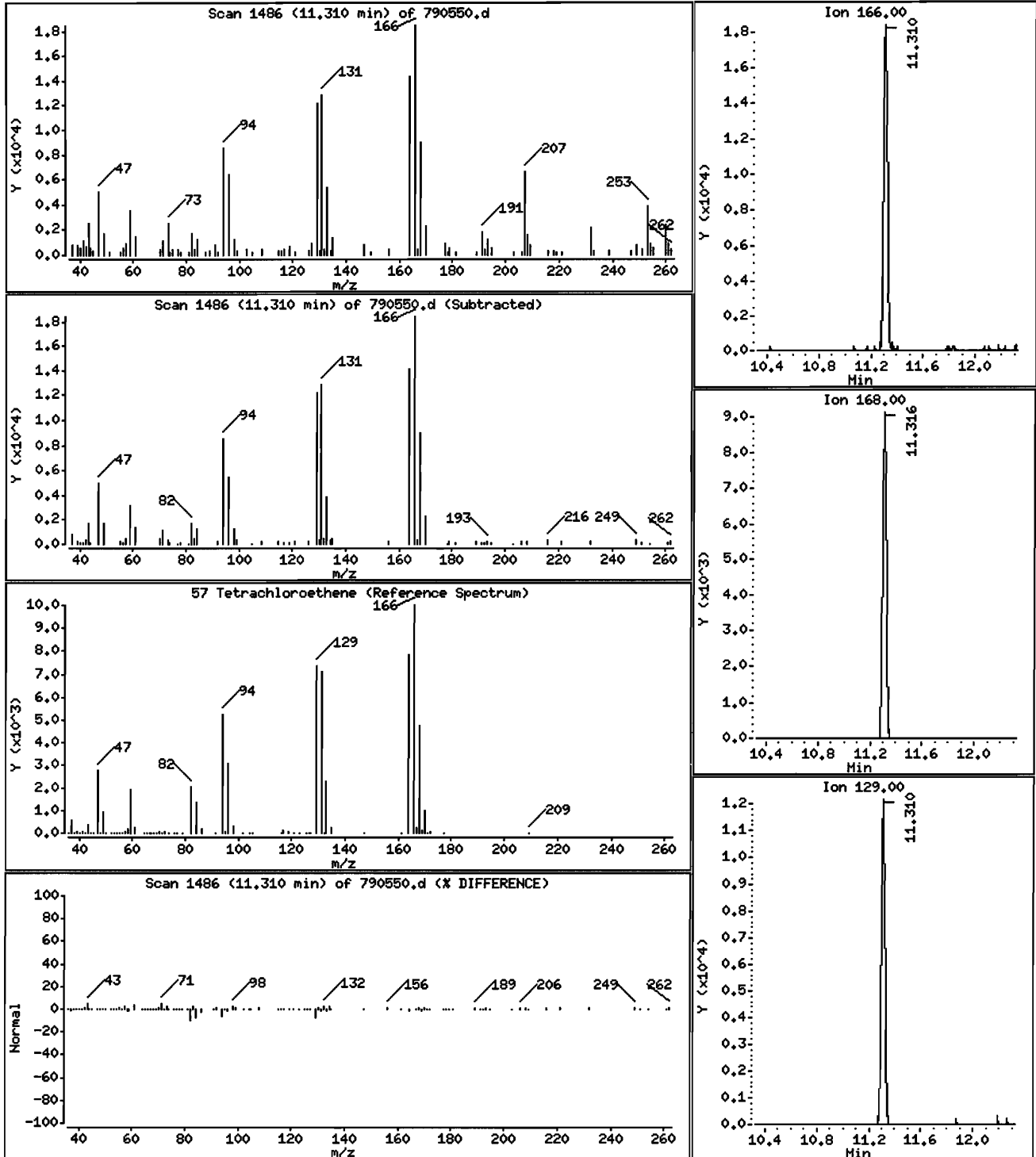
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

57 Tetrachloroethene

Concentration: 0.55 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :I 103/26/09 @1651(AIR)

Purge Volume: 200.0

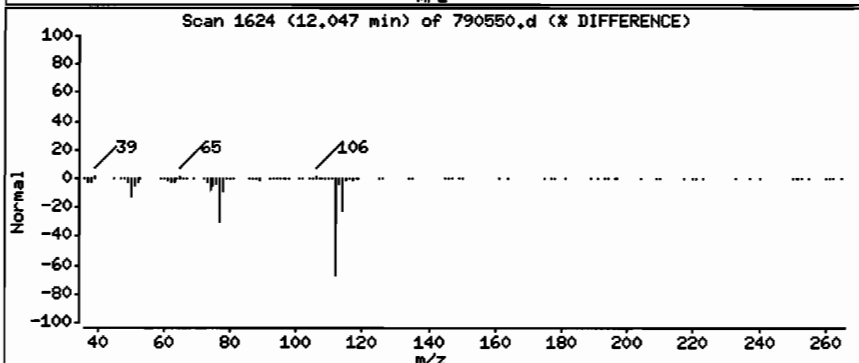
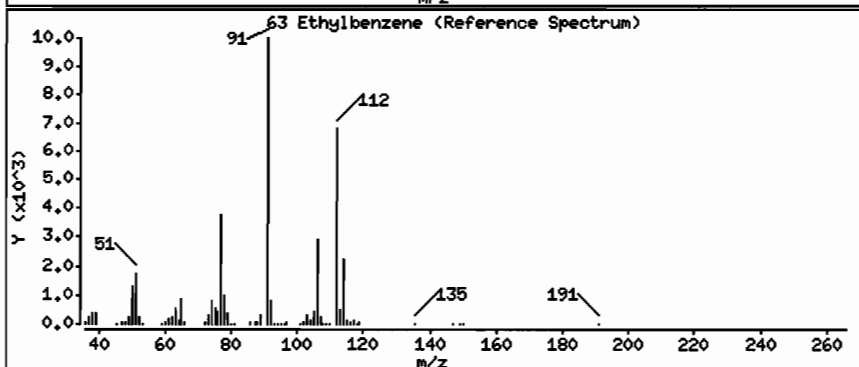
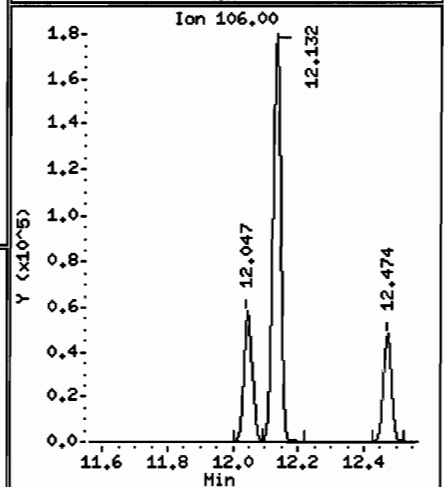
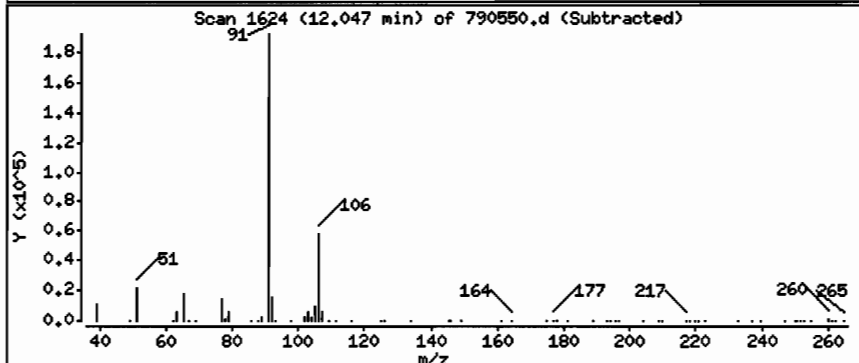
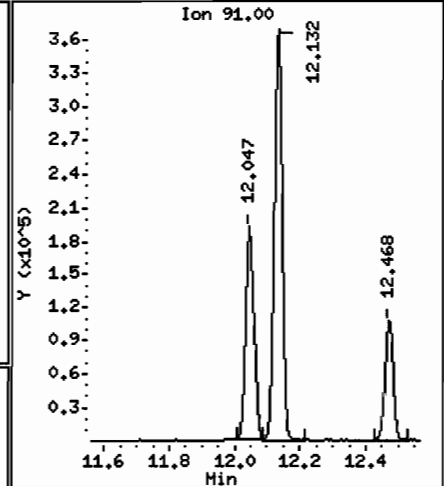
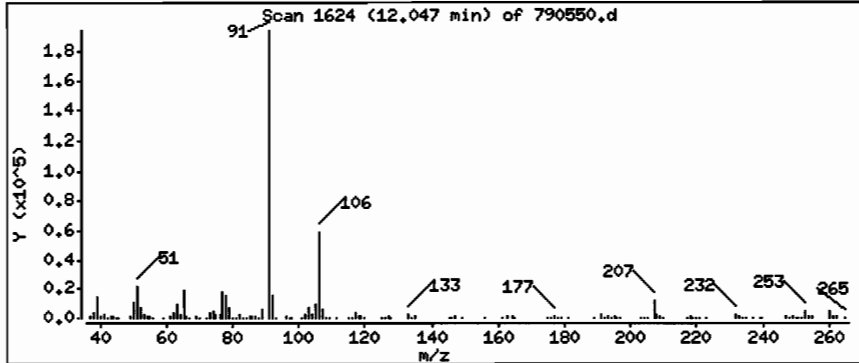
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

63 Ethylbenzene

Concentration: 2.5 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :I 103/26/09 @1651(AIR)

Purge Volume: 200.0

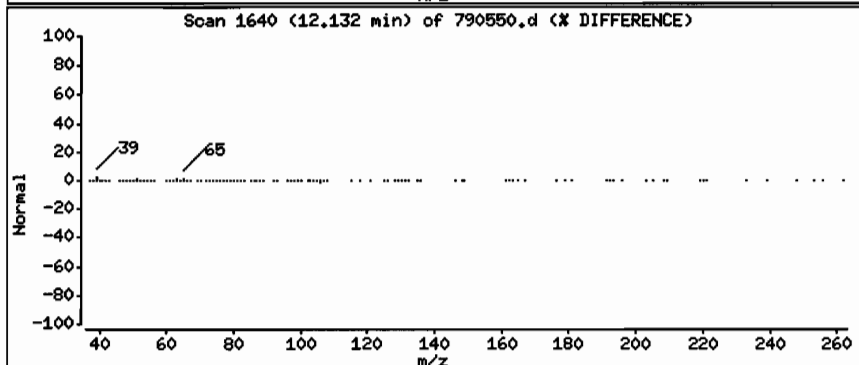
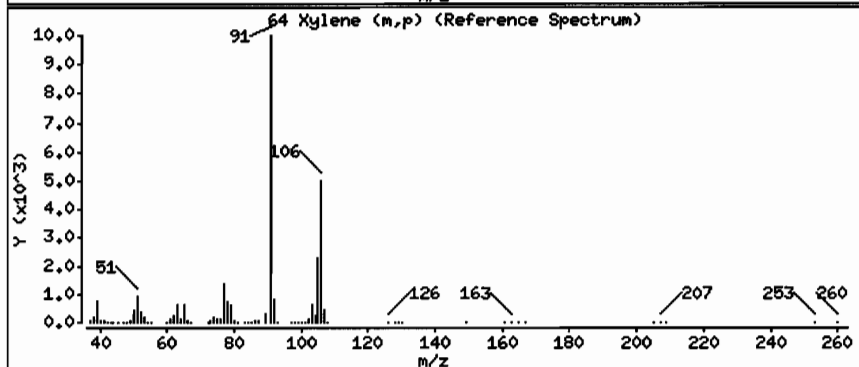
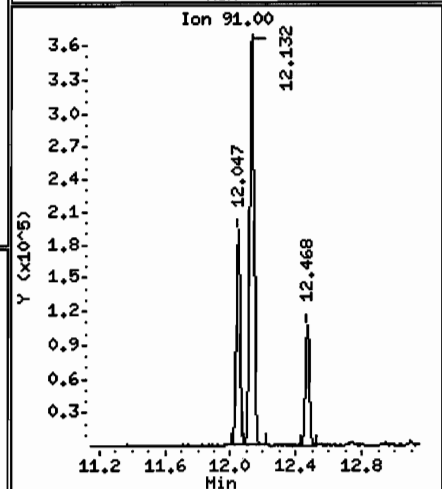
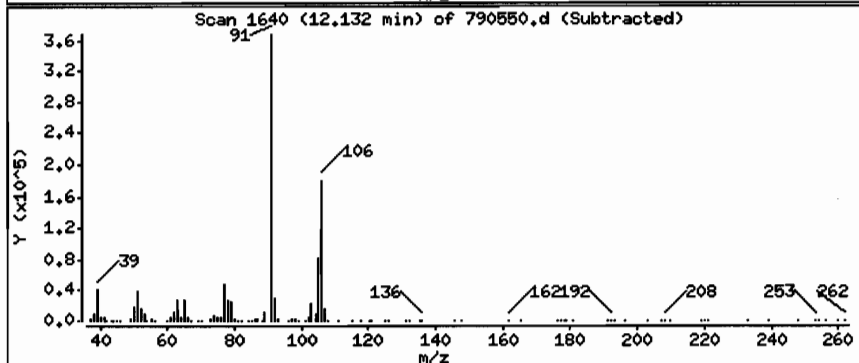
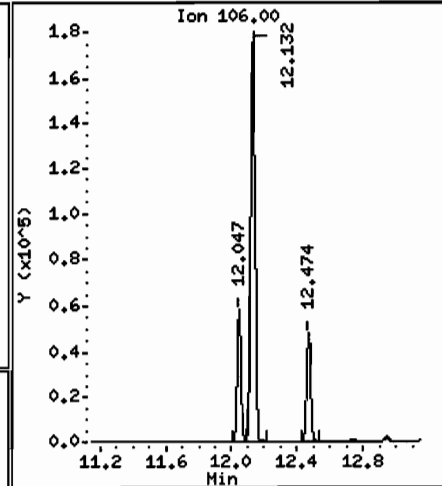
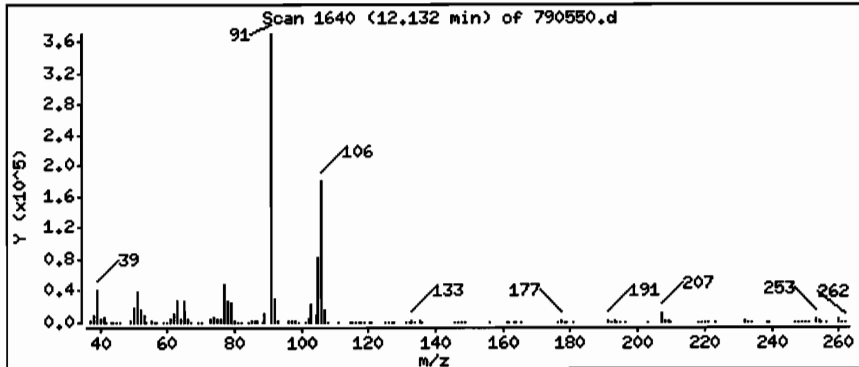
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

64 Xylene (m,p)

Concentration: 6.2 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[103/26/09 @1651(AIR)

Purge Volume: 200.0

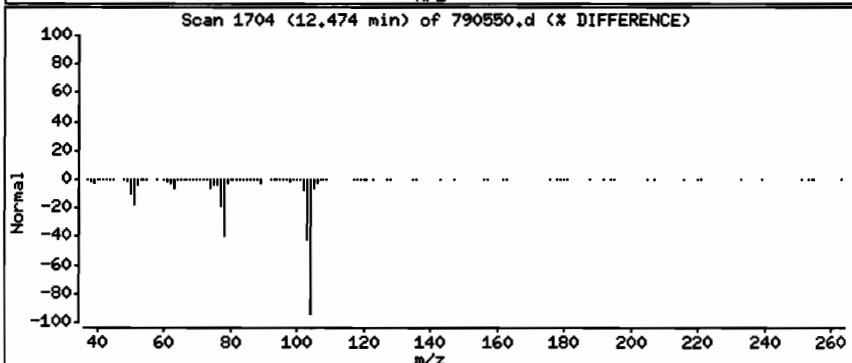
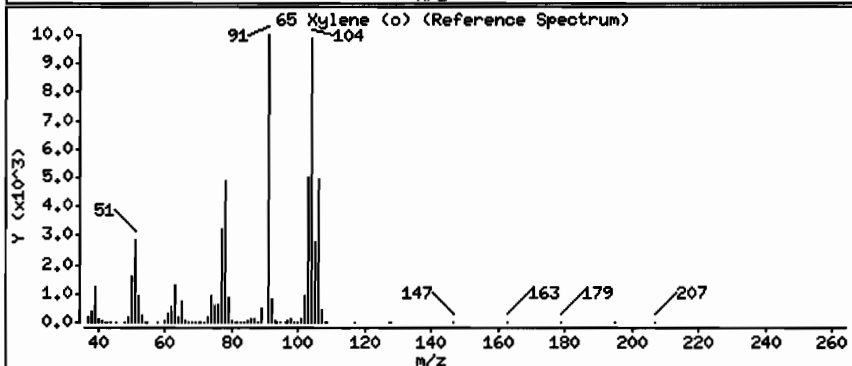
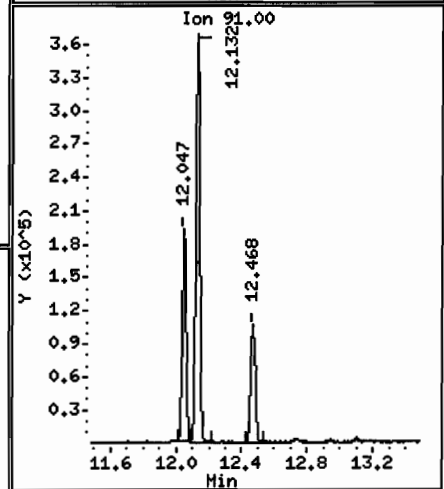
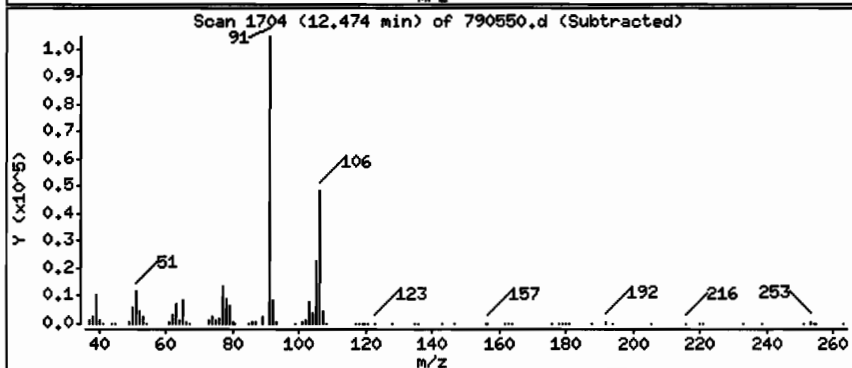
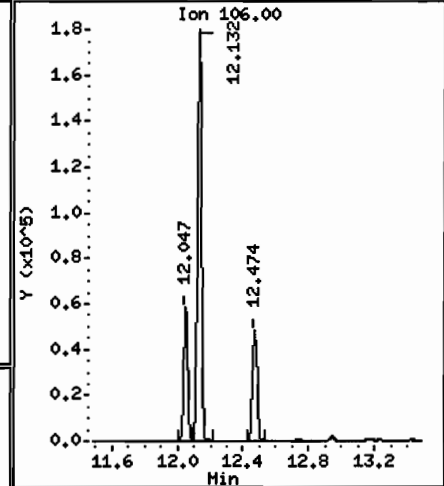
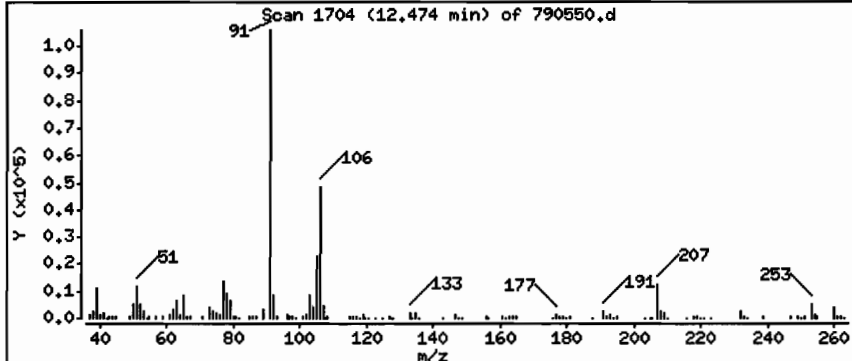
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

65 Xylene (o)

Concentration: 1.8 ppbv



Date : 31-MAR-2009 10:54

Client ID: 0326H-SS-FD

Instrument: C.i

Sample Info: 20090326H-SS-FD :[J03/26/09 @1651(AIR)

Purge Volume: 200.0

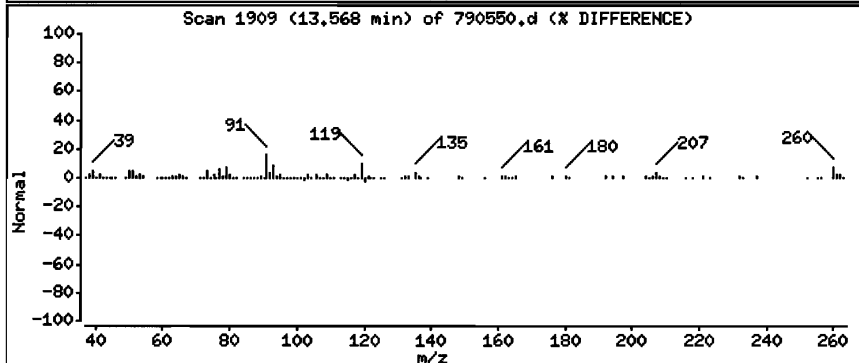
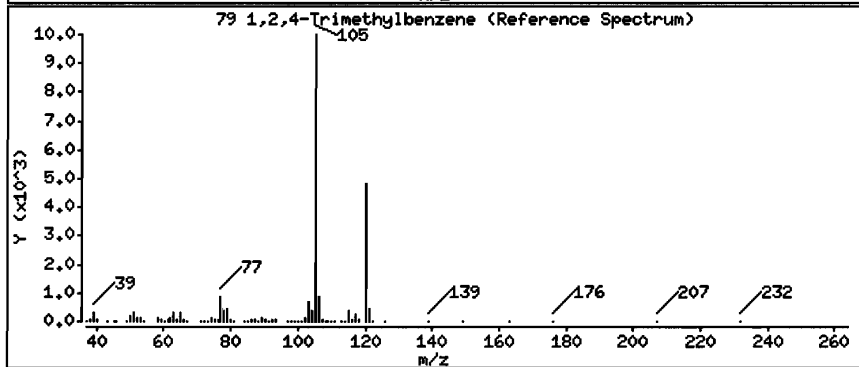
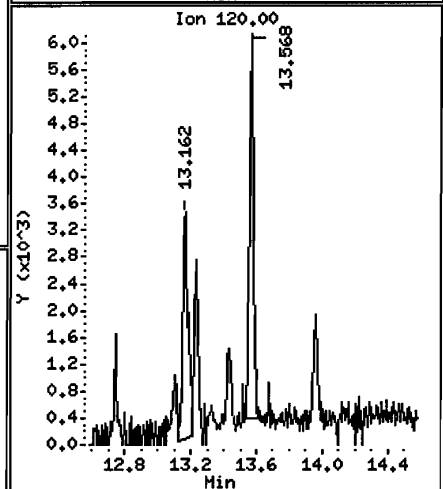
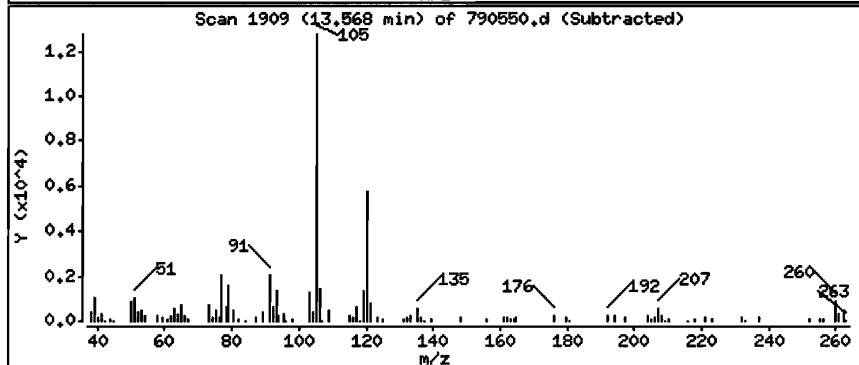
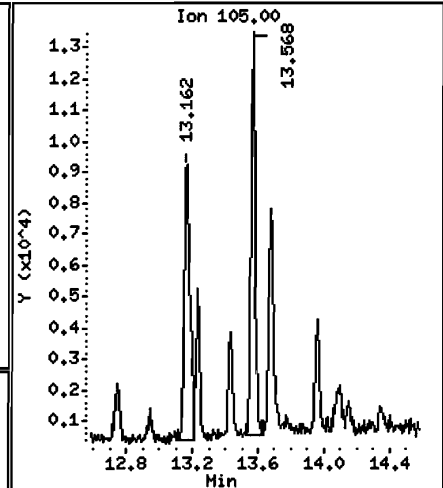
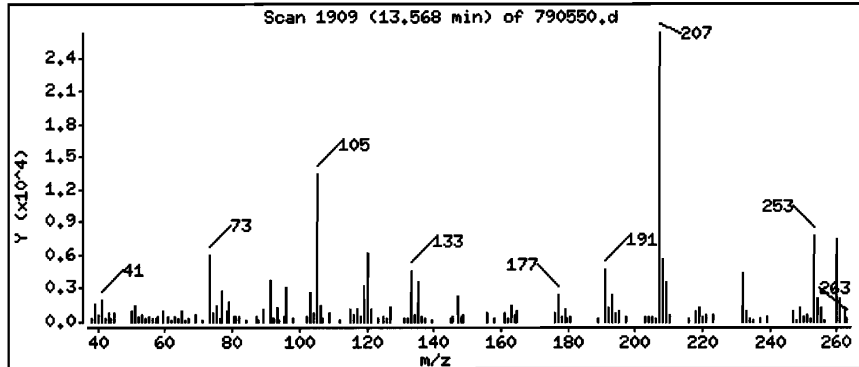
Operator: pad

Column phase: RTX-624

Column diameter: 0.32

79 1,2,4-Trimethylbenzene

Concentration: 0.21 ppbv





Standards – TO-15 Volatile

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Instrument ID: C Calibration Date(s): 03/17/09 03/17/09
 Heated Purge: (Y/N) N Calibration Time(s): 1746 2225
 GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:		RRF0.2=CHT002V	RRF0.5=CHT005V	RRF0.5=CHT005V	RRF10 =CHT10V		
RRF2 =		RRF5 =CHT05V					
COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	RRF	% RSD
Dichlorodifluoromethane		4.372		4.093	4.135		
1,2-Dichlorotetrafluoroethan	3.932	4.001		4.056	4.130		
Chloromethane		1.427		1.178	1.179		
Vinyl Chloride	1.439	1.440		1.387	1.362		
1,3-Butadiene		0.910		0.985	0.985		
Bromomethane	1.253	1.271		1.210	1.222		
Chloroethane		0.722		0.711	0.719		
Bromoethene	1.234	1.237		1.229	1.248		
Trichlorofluoromethane	3.885	3.907		3.900	3.973		
Freon TF	2.029	2.073		2.093	2.135		
1,1-Dichloroethene	1.048	0.972		0.926	0.959		
Acetone				1.908	1.644		
Isopropyl Alcohol				1.072	1.140		
Carbon Disulfide		2.984		2.870	2.931		
3-Chloropropene		1.317		1.360	1.404		
Methylene Chloride		1.880		1.231	1.208		
tert-Butyl Alcohol				1.724	1.863		
Methyl tert-Butyl Ether		3.104		3.118	3.204		
trans-1,2-Dichloroethene	1.679	1.737		1.688	1.726		
n-Hexane		1.433		1.579	1.674		
1,1-Dichloroethane	* 2.063	2.047		2.098	2.147		*
Methyl Ethyl Ketone		0.497		0.456	0.468		
cis-1,2-Dichloroethene	1.183	1.174		1.109	1.152		
Tetrahydrofuran				0.178	0.185		
Chloroform	2.568	2.655		2.580	2.605		
1,1,1-Trichloroethane	0.492	0.480		0.477	0.492		
Cyclohexane	0.234	0.246		0.262	0.272		
Carbon Tetrachloride	0.486	0.491		0.506	0.529		
2,2,4-Trimethylpentane	0.852	0.866		0.873	0.906		
Benzene	0.566	0.562		0.553	0.572		
1,2-Dichloroethene (total)	1.431	1.456		1.398	1.439		
1,2-Dichloroethane	0.328	0.326		0.333	0.337		
n-Heptane	0.341	0.322		0.332	0.346		
Trichloroethene	0.258	0.258		0.261	0.275		
1,2-Dichloropropane	0.201	0.199		0.201	0.211		
1,4-Dioxane				0.063	0.068		
Bromodichloromethane	0.415	0.427		0.465	0.487		

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Instrument ID: C Calibration Date(s): 03/17/09 03/17/09
 Heated Purge: (Y/N) N Calibration Time(s): 1746 2225
 GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:	RRF0.2=CHT002V		RRF0.5=CHT005V				
RRF2 =	RRF5 =CHT05V		RRF10 =CHT10V				
COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	\overline{RRF}	% RSD
cis-1,3-Dichloropropene	0.318	0.319		0.332	0.346		
Methyl Isobutyl Ketone		0.306		0.330	0.364		
Toluene	0.481	0.467		0.447	0.463		
trans-1,3-Dichloropropene	0.296	0.303		0.324	0.347		
1,1,2-Trichloroethane	0.196	0.207		0.208	0.215		
Tetrachloroethene	0.439	0.441		0.434	0.456		
Methyl Butyl Ketone		0.287		0.315	0.357		
Dibromochloromethane	0.410	0.446		0.484	0.524		
1,2-Dibromoethane	0.389	0.383		0.389	0.403		
Chlorobenzene	* 0.664	0.623		0.624	0.663		*
Ethylbenzene	0.878	0.913		0.924	1.001		
Xylene (m,p)	0.330	0.328		0.355	0.389		
Xylene (o)	0.328	0.329		0.351	0.381		
Styrene	0.394	0.383		0.490	0.564		
Bromoform	0.382	0.405		0.470	0.530		
1,1,2,2-Tetrachloroethane	0.413	0.441		0.476	0.518		
Xylene (total)	0.328	0.329		0.351	0.381		
4-Ethyltoluene	0.802	0.805		1.044	1.165		
1,3,5-Trimethylbenzene	0.614	0.648		0.870	0.977		
2-Chlorotoluene	0.785	0.815		0.879	0.955		
1,2,4-Trimethylbenzene	0.644	0.591		0.818	0.936		
1,3-Dichlorobenzene	0.596	0.488		0.517	0.578		
1,4-Dichlorobenzene	0.590	0.458		0.479	0.547		
1,2-Dichlorobenzene	0.609	0.473		0.496	0.559		
1,2,4-Trichlorobenzene		0.247		0.202	0.276		
Hexachlorobutadiene	0.477	0.401		0.355	0.429		

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Instrument ID: C Calibration Date(s): 03/17/09 03/17/09
 Heated Purge: (Y/N) N Calibration Time(s): 1746 2225
 GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID:		RRF15 =CHT15V		RRF20 =CHT20V			
RRF40 =CHT40V							
COMPOUND	RRF15	RRF20	RRF40			RRF	% RSD
Dichlorodifluoromethane		3.702	3.874			4.035	6.4
1,2-Dichlorotetrafluoroethane		3.742	3.972			3.972	3.3
Chloromethane		1.045	1.111			1.188	12.2
Vinyl Chloride		1.214	1.312			1.359	6.3
1,3-Butadiene		0.871	0.960			0.942	5.3
Bromomethane		1.077	1.143			1.196	6.1
Chloroethane		0.636	0.684			0.694	5.2
Bromoethene		1.126	1.221			1.216	3.7
Trichlorofluoromethane		3.576	3.812			3.842	3.6
Freon TF		2.018	2.199			2.091	3.3
1,1-Dichloroethene		0.889	0.974			0.961	5.6
Acetone	1.611	1.331	1.560			1.611	12.8
Isopropyl Alcohol	1.038	0.986	0.989			1.045	6.1
Carbon Disulfide		2.722	2.957			2.893	3.6
3-Chloropropene		1.340	1.455			1.375	4.0
Methylene Chloride		1.112	1.182			1.323	23.8
tert-Butyl Alcohol	1.729	1.630	1.639			1.717	5.5
Methyl tert-Butyl Ether		2.718	3.224			3.074	6.7
trans-1,2-Dichloroethene		1.603	1.748			1.697	3.2
n-Hexane		1.608	1.774			1.614	7.8
1,1-Dichloroethane *		1.987	2.172			2.086	3.3*
Methyl Ethyl Ketone		0.400	0.499			0.464	8.7
cis-1,2-Dichloroethene		1.079	1.220			1.153	4.5
Tetrahydrofuran	0.184	0.157	0.201			0.181	8.9
Chloroform		2.398	2.596			2.567	3.4
1,1,1-Trichloroethane		0.464	0.539			0.491	5.3
Cyclohexane		0.264	0.314			0.265	10.4
Carbon Tetrachloride		0.498	0.567			0.513	6.0
2,2,4-Trimethylpentane		0.867	1.026			0.898	7.2
Benzene		0.542	0.636			0.572	5.8
1,2-Dichloroethene (total)		1.341	1.484			1.425	3.5
1,2-Dichloroethane		0.312	0.355			0.332	4.2
n-Heptane		0.331	0.390			0.344	7.0
Trichloroethene		0.257	0.302			0.268	6.6
1,2-Dichloropropane		0.198	0.236			0.208	7.0
1,4-Dioxane	0.059	0.058	0.060			0.062	7.0
Bromodichloromethane		0.453	0.529			0.463	9.0

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

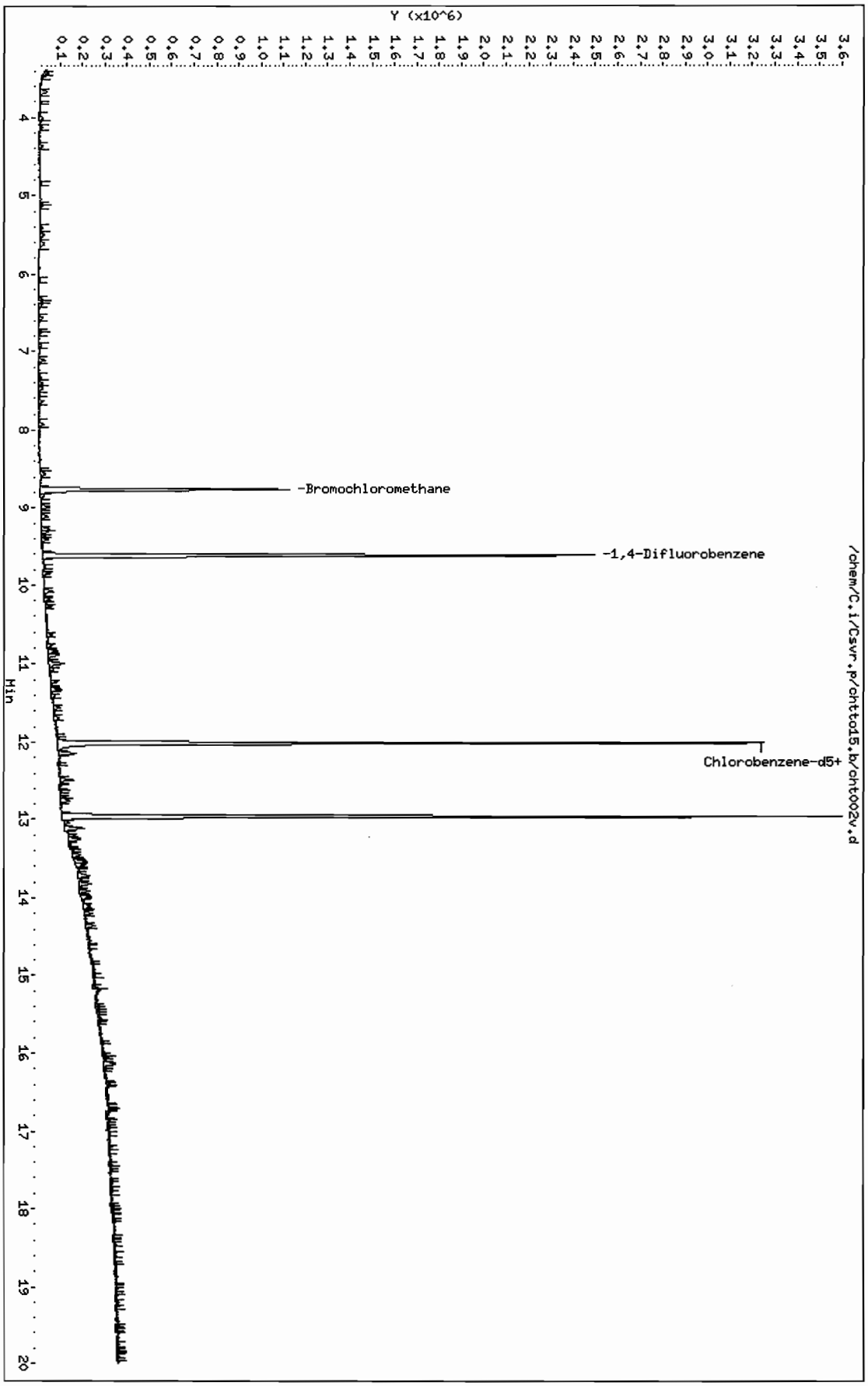
Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Instrument ID: C Calibration Date(s): 03/17/09 03/17/09
 Heated Purge: (Y/N) N Calibration Time(s): 1746 2225
 GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =CHT15V RRF20 =CHT20V		RRF40 =CHT40V						
COMPOUND	RRF15	RRF20	RRF40			RRF	% RSD	
cis-1,3-Dichloropropene		0.316	0.381			0.335	7.5	
Methyl Isobutyl Ketone		0.336	0.399			0.347	10.2	
Toluene		0.424	0.458			0.457	4.3	
trans-1,3-Dichloropropene		0.311	0.394			0.329	11.1	
1,1,2-Trichloroethane		0.196	0.210			0.205	3.8	
Tetrachloroethene		0.439	0.463			0.445	2.6	
Methyl Butyl Ketone		0.354	0.366			0.336	10.0	
Dibromochloromethane		0.486	0.522			0.479	9.3	
1,2-Dibromoethane		0.368	0.399			0.388	3.1	
Chlorobenzene	*	0.613	0.697			0.647	5.0*	
Ethylbenzene		0.890	1.016			0.937	6.2	
Xylene (m,p)		0.349	0.422			0.362	10.1	
Xylene (o)		0.336	0.406			0.355	9.0	
Styrene		0.521	0.638			0.498	19.8	
Bromoform		0.486	0.541			0.469	13.8	
1,1,2,2-Tetrachloroethane		0.453	0.513			0.469	8.8	
Xylene (total)		0.336	0.406			0.355	9.0	
4-Ethyltoluene		0.981	1.130			0.988	15.9	
1,3,5-Trimethylbenzene		0.868	1.026			0.834	20.3	
2-Chlorotoluene		0.841	0.972			0.874	8.7	
1,2,4-Trimethylbenzene		0.803	0.928			0.787	18.2	
1,3-Dichlorobenzene		0.532	0.610			0.554	8.7	
1,4-Dichlorobenzene		0.514	0.589			0.530	10.5	
1,2-Dichlorobenzene		0.508	0.576			0.537	9.8	
1,2,4-Trichlorobenzene		0.336	0.293			0.271	18.6	
Hexachlorobutadiene		0.399	0.430			0.415	9.8	

* 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/Cswr.p/chttd15.b/cht002v.d
Date : 17-MAR-2009 17:46
Client ID: ASTD0.2
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht002v.d
 Lab Smp Id: ASTD0.2 Client Smp ID: ASTD0.2
 Inj Date : 17-MAR-2009 17:46
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD0002;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 20-Mar-2009 10:09 cmp Quant Type: ISTD
 Cal Date : 17-MAR-2009 17:46 Cal File: cht002v.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

Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)
3 1,2-Dichlorotetrafluoroethane	85	3.668	3.673	(0.419)	23700	0.20000	0.20
6 Vinyl Chloride	62	4.052	4.052	(0.463)	8676	0.20000	0.20
8 Methanol	31	Compound Not Detected.					
9 Bromomethane	94	4.831	4.837	(0.552)	7552	0.20000	0.20
10 Chloroethane	64	Compound Not Detected.					
11 Isopentane	43	5.125	5.130	(0.585)	8514	0.20000	0.20 (Q)
12 Bromoethene	106	5.413	5.418	(0.618)	7440	0.20000	0.20
13 Trichlorofluoromethane	101	5.499	5.504	(0.628)	23422	0.20000	0.20
15 Ethyl Ether	59	6.064	6.032	(0.692)	3796	0.20000	0.20
16 Acrolein	56	Compound Not Detected.					
17 Freon TF	101	6.352	6.347	(0.725)	12231	0.20000	0.20 (Q)
18 1,1-Dichloroethene	96	6.395	6.400	(0.730)	6321	0.20000	0.20 (Q)
27 trans-1,2-Dichloroethene	61	7.409	7.409	(0.846)	10122	0.20000	0.20
29 1,1-Dichloroethane	63	7.927	7.927	(0.905)	12439	0.20000	0.20
31 cis-1,2-Dichloroethene	96	8.514	8.525	(0.972)	7131	0.20000	0.20

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
* 32 Bromochloromethane	128	8.759	8.765	(1.000)	301408	10.0000	(Q)
34 Chloroform	83	8.791	8.797	(1.004)	15479	0.20000	0.20
35 1,1,1-Trichloroethane	97	8.984	8.983	(0.934)	18110	0.20000	0.20
36 Cyclohexane	84	8.994	8.999	(0.935)	8634	0.20000	0.20
37 Carbon Tetrachloride	117	9.112	9.117	(0.947)	17884	0.20000	0.20
38 2,2,4-Trimethylpentane	57	9.277	9.277	(0.964)	31395	0.20000	0.20
M 40 1,2-Dichloroethene (total)	61				17253	0.40000	0.40
39 Benzene	78	9.309	9.314	(0.968)	20830	0.20000	0.20
41 1,2-Dichloroethane	62	9.368	9.362	(0.974)	12079	0.20000	0.20
42 n-Heptane	43	9.416	9.416	(0.979)	12575	0.20000	0.20
* 43 1,4-Difluorobenzene	114	9.619	9.619	(1.000)	1841398	10.0000	
45 Trichloroethene	95	9.848	9.853	(1.024)	9489	0.20000	0.20
47 1,2-Dichloropropane	63	10.078	10.078	(1.048)	7420	0.20000	0.20 (Q)
48 1,4-Dioxane	88	Compound Not Detected.					
49 Dibromomethane	174	10.190	10.195	(1.059)	9067	0.20000	0.20
50 Bromodichloromethane	83	10.275	10.275	(1.068)	15286	0.20000	0.20
51 cis-1,3-Dichloropropene	75	10.627	10.633	(1.105)	11712	0.20000	0.20
53 n-Octane	43	10.841	10.841	(1.127)	17194	0.20000	0.20
54 Toluene	92	10.889	10.894	(0.907)	15902	0.20000	0.20
55 trans-1,3-Dichloropropene	75	11.065	11.065	(1.150)	10915	0.20000	0.20
56 1,1,2-Trichloroethane	83	11.225	11.230	(0.935)	6474	0.20000	0.20 (Q)
57 Tetrachloroethene	166	11.326	11.326	(0.943)	14504	0.20000	0.20
59 Dibromochloromethane	129	11.551	11.556	(0.962)	13538	0.20000	0.20
60 1,2-Dibromoethane	107	11.684	11.689	(0.973)	12871	0.20000	0.20
84 Nonane	57	12.026	12.026	(1.001)	15705	0.20000	0.20
* 61 Chlorobenzene-d5	117	12.010	12.015	(1.000)	1652645	10.0000	
62 Chlorobenzene	112	12.036	12.036	(1.002)	21934	0.20000	0.20 (Q)
63 Ethylbenzene	91	12.058	12.063	(1.004)	29033	0.20000	0.20
64 Xylene (m,p)	106	12.148	12.148	(1.012)	21847	0.40000	0.40 (a)
65 Xylene (o)	106	12.485	12.485	(1.040)	10853	0.20000	0.20
66 Styrene	104	12.501	12.495	(1.041)	13016	0.20000	0.20 (Q)
67 Bromoform	173	12.719	12.725	(1.059)	12622	0.20000	0.20
68 Cumene	105	12.762	12.762	(1.063)	28043	0.20000	0.20
69 1,1,2,2-Tetrachloroethane	83	13.034	13.040	(1.085)	13642	0.20000	0.20
M 70 Xylene (total)	106				32700	0.20000	0.60
72 n-Propylbenzene	91	13.114	13.114	(1.092)	32514	0.20000	0.20
74 4-Ethyltoluene	105	13.205	13.205	(1.100)	26518	0.20000	0.20
75 1,3,5-Trimethylbenzene	105	13.242	13.248	(1.103)	20304	0.20000	0.20
76 2-Chlorotoluene	91	13.264	13.258	(1.104)	25940	0.20000	0.20
77 a-Methylstyrene	118	13.451	13.450	(1.120)	8390	0.20000	0.20
78 Tert-Butylbenzene	119	13.536	13.536	(1.127)	22886	0.20000	0.20
79 1,2,4-Trimethylbenzene	105	13.584	13.584	(1.131)	21294	0.20000	0.20
80 Sec-Butylbenzene	105	13.723	13.723	(1.143)	30605	0.20000	0.20
81 4-Isopropyltoluene	119	13.824	13.824	(1.151)	26830	0.20000	0.20
82 1,3-Dichlorobenzene	146	13.910	13.915	(1.158)	19717	0.20000	0.20
83 1,4-Dichlorobenzene	146	13.990	13.989	(1.165)	19493	0.20000	0.20
86 Benzyl Chloride	91	14.091	14.096	(1.173)	18000	0.20000	0.20

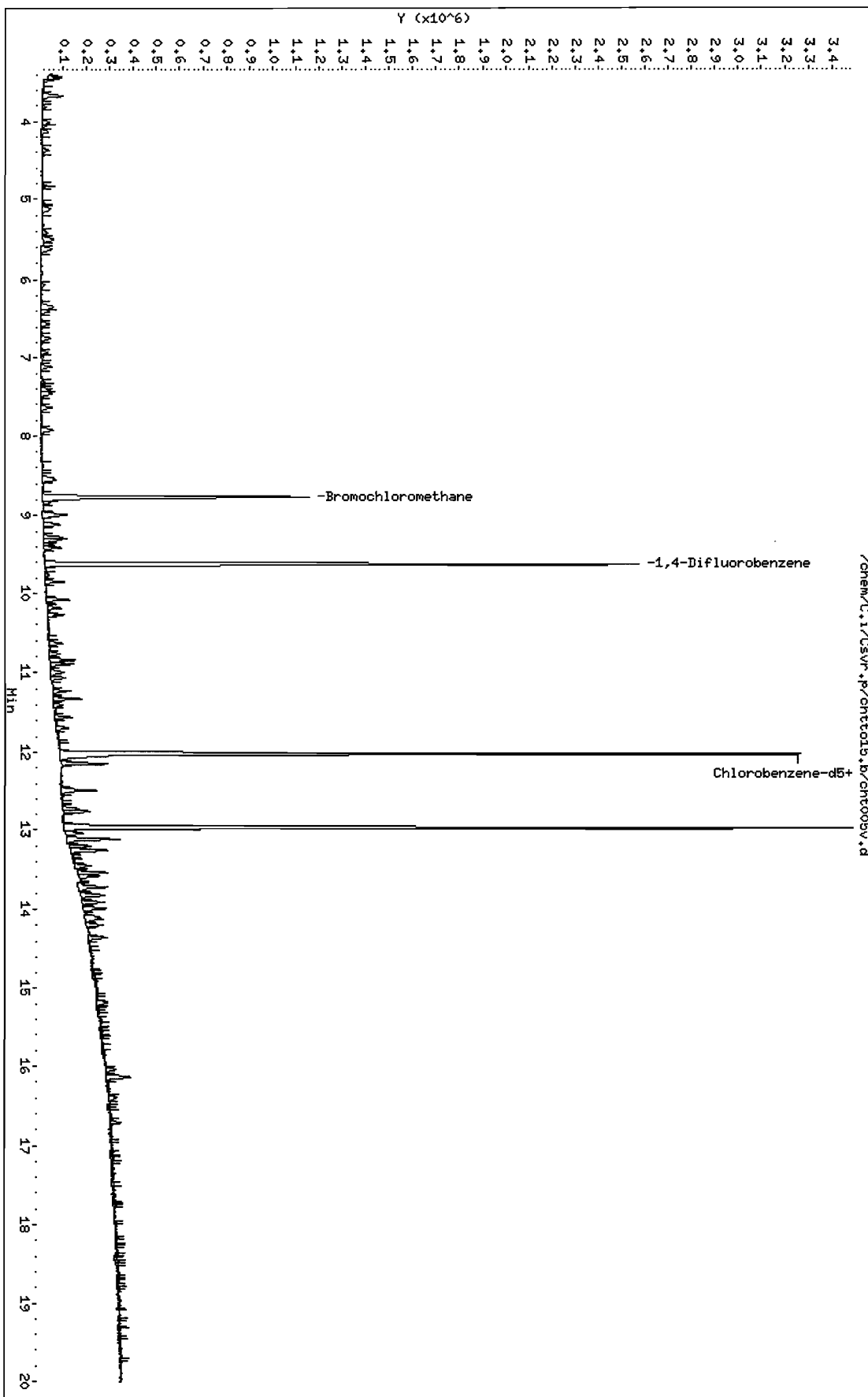
Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	==	=====	=====	=====	=====	=====
87 n-Butylbenzene	91	14.198	14.198	(1.182)	22472	0.20000	0.20
88 1,2-Dichlorobenzene	146	14.352	14.358	(1.195)	20121	0.20000	0.20
91 Hexachlorobutadiene	225	16.135	16.135	(1.343)	15760	0.20000	0.20
93 1,2,3-Trichlorobenzene	180	16.717	16.711	(1.392)	9820	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.

Data File: /chem/C.1/Csvr.p/httd15.b/ht005v.d
Date : 17-MAR-2009 18:32
Client ID: ASTD0.5
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht005v.d
 Lab Smp Id: ASTD0.5 Client Smp ID: ASTD0.5
 Inj Date : 17-MAR-2009 18:32
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD0005;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 20-Mar-2009 10:09 cmp Quant Type: ISTD
 Cal Date : 17-MAR-2009 18:32 Cal File: cht005v.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	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.428	3.433	(0.391)	68003	0.50000	0.50
2 Freon-22	51	3.465	3.470	(0.396)	39214	0.50000	0.50
3 1,2-Dichlorotetrafluoroethane	85	3.668	3.673	(0.419)	62230	0.50000	0.50
4 Chloromethane	50	3.807	3.812	(0.435)	22202	0.50000	0.50
5 n-Butane	43	4.010	4.015	(0.458)	35029	0.50000	0.50
6 Vinyl Chloride	62	4.052	4.052	(0.463)	22391	0.50000	0.50
7 1,3-Butadiene	54	4.132	4.132	(0.472)	14158	0.50000	0.50
8 Methanol	31	Compound Not Detected.					
9 Bromomethane	94	4.831	4.837	(0.552)	19763	0.50000	0.50
10 Chloroethane	64	5.050	5.056	(0.577)	11229	0.50000	0.50
11 Isopentane	43	5.125	5.130	(0.585)	24101	0.50000	0.52 (Q)
12 Bromoethene	106	5.413	5.418	(0.618)	19235	0.50000	0.50
13 Trichlorofluoromethane	101	5.499	5.504	(0.628)	60763	0.50000	0.50
14 Pentane	43	5.627	5.621	(0.642)	35231	0.50000	0.50
15 Ethyl Ether	59	6.064	6.032	(0.692)	11000	0.50000	0.53
16 Acrolein	56	Compound Not Detected.					

Compounds	QUANT SIG		AMOUNTS					
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)	
17 Freon TF	101	6.347	6.347	(0.725)	32246	0.50000	0.51	
18 1,1-Dichloroethene	96	6.400	6.400	(0.731)	15120	0.50000	0.48	
21 Carbon Disulfide	76	6.742	6.742	(0.770)	46407	0.50000	0.50	
22 3-Chloropropene	41	6.923	6.934	(0.790)	20489	0.50000	0.50	
24 Methylene Chloride	49	7.116	7.116	(0.812)	29247	0.50000	0.50	
26 Methyl tert-Butyl Ether	73	7.457	7.398	(0.851)	48275	0.50000	0.50	
27 trans-1,2-Dichloroethene	61	7.409	7.409	(0.846)	27018	0.50000	0.51	
28 n-Hexane	57	7.639	7.644	(0.872)	22292	0.50000	0.50	
29 1,1-Dichloroethane	63	7.927	7.927	(0.905)	31846	0.50000	0.50	
30 Methyl Ethyl Ketone	72	8.551	8.525	(0.976)	7738	0.50000	0.50 (Q)	
31 cis-1,2-Dichloroethene	96	8.519	8.525	(0.973)	18268	0.50000	0.50	
* 32 Bromochloromethane	128	8.759	8.765	(1.000)	311077	10.0000	(Q)	
34 Chloroform	83	8.797	8.797	(1.004)	41302	0.50000	0.51	
35 1,1,1-Trichloroethane	97	8.984	8.983	(0.934)	45648	0.50000	0.49	
36 Cyclohexane	84	8.994	8.999	(0.935)	23366	0.50000	0.51	
37 Carbon Tetrachloride	117	9.112	9.117	(0.947)	46768	0.50000	0.50	
38 2,2,4-Trimethylpentane	57	9.277	9.277	(0.964)	82420	0.50000	0.50	
M 40 1,2-Dichloroethene (total)	61				45286	1.00000	1.0	
39 Benzene	78	9.314	9.314	(0.968)	53498	0.50000	0.50	
41 1,2-Dichloroethane	62	9.368	9.362	(0.974)	31048	0.50000	0.50	
42 n-Heptane	43	9.416	9.416	(0.979)	30682	0.50000	0.49	
* 43 1,4-Difluorobenzene	114	9.619	9.619	(1.000)	1903141	10.0000		
45 Trichloroethene	95	9.848	9.853	(1.024)	24581	0.50000	0.50	
46 Methyl Methacrylate	69	10.083	10.072	(1.048)	12623	0.50000	0.50 (Q)	
47 1,2-Dichloropropane	63	10.078	10.078	(1.048)	18914	0.50000	0.50	
48 1,4-Dioxane	88	Compound Not Detected.						
49 Dibromomethane	174	10.190	10.195	(1.059)	22770	0.50000	0.49	
50 Dibromodichloromethane	83	10.275	10.275	(1.068)	40671	0.50000	0.51	
51 cis-1,3-Dichloropropene	75	10.633	10.633	(1.105)	30363	0.50000	0.50	
52 Methyl Isobutyl Ketone	43	10.761	10.729	(1.119)	29094	0.50000	0.50	
53 n-Octane	43	10.841	10.841	(1.127)	42306	0.50000	0.49	
54 Toluene	92	10.894	10.894	(0.907)	39170	0.50000	0.49	
55 trans-1,3-Dichloropropene	75	11.065	11.065	(1.150)	28848	0.50000	0.51	
56 1,1,2-Trichloroethane	83	11.225	11.230	(0.935)	17332	0.50000	0.51	
57 Tetrachloroethene	166	11.326	11.326	(0.943)	36964	0.50000	0.50	
58 Methyl Butyl Ketone	43	11.406	11.380	(0.950)	24066	0.50000	0.50	
59 Dibromochloromethane	129	11.556	11.556	(0.962)	37383	0.50000	0.52	
60 1,2-Dibromoethane	107	11.689	11.689	(0.973)	32121	0.50000	0.50	
84 Nonane	57	12.026	12.026	(1.001)	35495	0.50000	0.47	
* 61 Chlorobenzene-d5	117	12.010	12.015	(1.000)	1675845	10.0000		
62 Chlorobenzene	112	12.036	12.036	(1.002)	52222	0.50000	0.48 (Q)	
63 Ethylbenzene	91	12.063	12.063	(1.004)	76534	0.50000	0.51	
64 Xylene (m,p)	106	12.148	12.148	(1.012)	55060	1.00000	1.00	
65 Xylene (o)	106	12.485	12.485	(1.040)	27578	0.50000	0.50	
66 Styrene	104	12.495	12.495	(1.040)	32100	0.50000	0.49	
67 Bromoform	173	12.725	12.725	(1.060)	33959	0.50000	0.51	
68 Cumene	105	12.762	12.762	(1.063)	81595	0.50000	0.53	

Compounds	QUANT	SIG	AMOUNTS					
			MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)
69 1,1,2,2-Tetrachloroethane	83		13.040	13.040	(1.086)	36987	0.50000	0.52
M 70 Xylene (total)	106					82638	0.50000	1.5
71 n-Decane	57		13.104	13.109	(1.091)	29137	0.50000	0.50
72 n-Propylbenzene	91		13.114	13.114	(1.092)	83085	0.50000	0.50
73 1,2,3-Trichloropropane	75		13.125	13.125	(1.093)	32901	0.50000	0.50
74 4-Ethyltoluene	105		13.205	13.205	(1.100)	67443	0.50000	0.50
75 1,3,5-Trimethylbenzene	105		13.248	13.248	(1.103)	54270	0.50000	0.51
76 2-Chlorotoluene	91		13.264	13.258	(1.104)	68272	0.50000	0.51
77 a-Methylstyrene	118		13.451	13.450	(1.120)	19592	0.50000	0.48
78 Tert-Butylbenzene	119		13.536	13.536	(1.127)	61157	0.50000	0.51
79 1,2,4-Trimethylbenzene	105		13.584	13.584	(1.131)	49494	0.50000	0.48
80 Sec-Butylbenzene	105		13.723	13.723	(1.143)	76131	0.50000	0.50
81 4-Isopropyltoluene	119		13.824	13.824	(1.151)	59581	0.50000	0.47
82 1,3-Dichlorobenzene	146		13.915	13.915	(1.159)	40927	0.50000	0.45
83 1,4-Dichlorobenzene	146		13.990	13.989	(1.165)	38408	0.50000	0.44
86 Benzyl Chloride	91		14.091	14.096	(1.173)	42545	0.50000	0.48
87 n-Butylbenzene	91		14.198	14.198	(1.182)	51157	0.50000	0.47
88 1,2-Dichlorobenzene	146		14.358	14.358	(1.196)	39672	0.50000	0.44
90 1,2,4-Trichlorobenzene	180		16.039	16.039	(1.335)	20714	0.50000	0.50
91 Hexachlorobutadiene	225		16.140	16.135	(1.344)	33612	0.50000	0.46
92 Naphthalene	128		16.396	16.396	(1.365)	40157	0.50000	0.50
93 1,2,3-Trichlorobenzene	180		16.717	16.711	(1.392)	20313	0.50000	0.45

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Cswr.p/chttd15.b/cht05v.d

Date: 17-MAR-2009 19:19

Client ID: ASTD005

Sample Info:

Purge Volume: 200.0

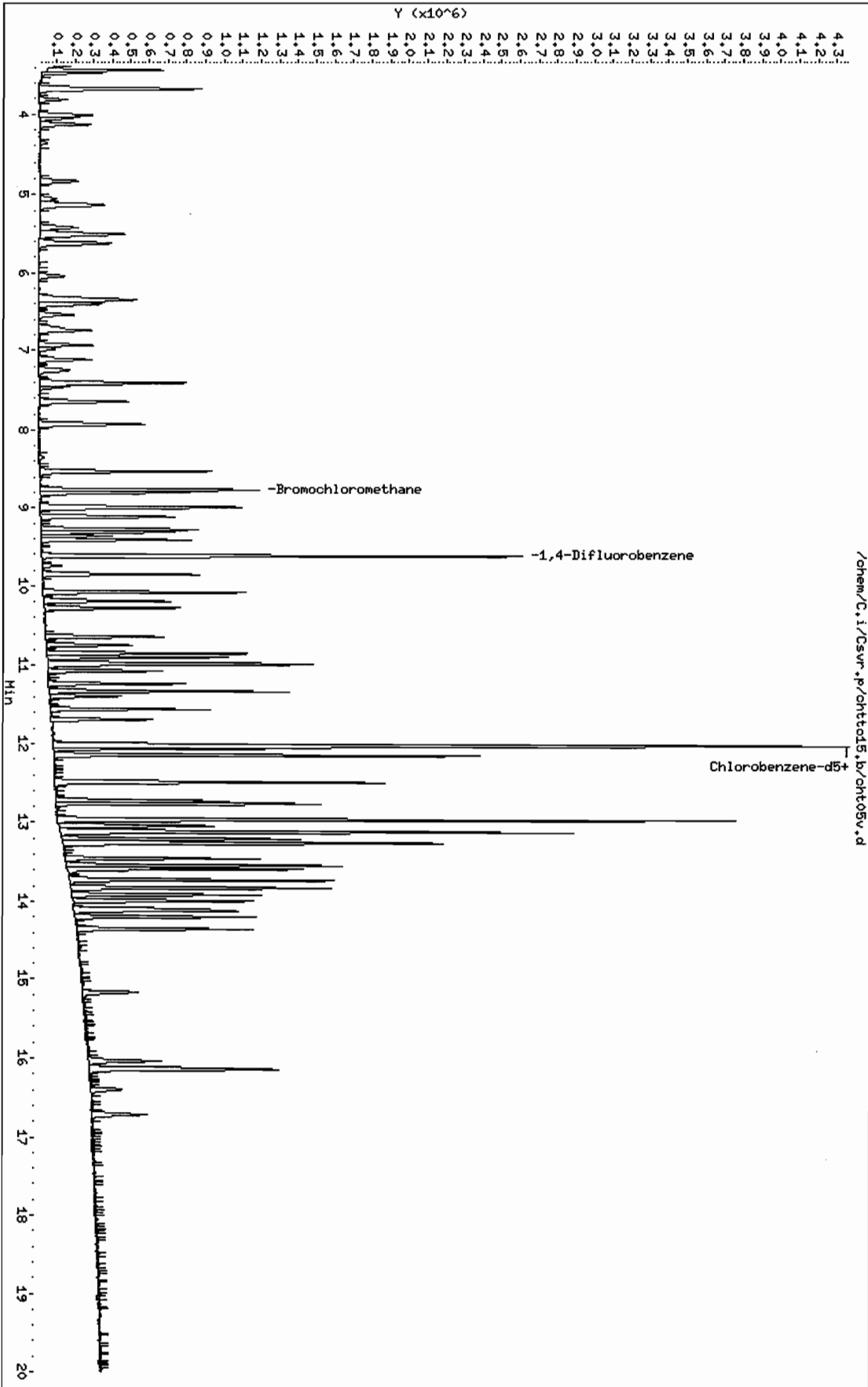
Column phase: RTX-624

Instrument: C.i

Operator: urd

Column diameter: 0.32

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TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht05v.d
 Lab Smp Id: ASTD005 Client Smp ID: ASTD005
 Inj Date : 17-MAR-2009 19:19
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD005;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 20-Mar-2009 10:09 cmp Quant Type: ISTD
 Cal Date : 17-MAR-2009 19:19 Cal File: cht05v.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	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		
						CAL-AMT (ppbv)	ON-COL (ppbv)	
1 Dichlorodifluoromethane	85	3.433	3.433	(0.392)	650347	5.00000	4.8	
2 Freon-22	51	3.470	3.470	(0.396)	369902	5.00000	4.8	
3 1,2-Dichlorotetrafluoroethane	85	3.668	3.673	(0.418)	644475	5.00000	5.1	
4 Chloromethane	50	3.812	3.812	(0.435)	187206	5.00000	4.5	
5 n-Butane	43	4.010	4.015	(0.457)	331128	5.00000	4.8	
6 Vinyl Chloride	62	4.052	4.052	(0.462)	220347	5.00000	4.9	
7 1,3-Butadiene	54	4.132	4.132	(0.471)	156561	5.00000	5.2	
8 Methanol	31	Compound Not Detected.						
9 Bromomethane	94	4.837	4.837	(0.552)	192244	5.00000	4.9	
10 Chloroethane	64	5.056	5.056	(0.577)	112998	5.00000	5.0	
11 Isopentane	43	5.130	5.130	(0.585)	237797	5.00000	5.0	
12 Bromoethene	106	5.418	5.418	(0.618)	195247	5.00000	5.0	
13 Trichlorofluoromethane	101	5.504	5.504	(0.628)	619790	5.00000	5.0	
14 Pentane	43	5.621	5.621	(0.641)	357796	5.00000	5.0	
15 Ethyl Ether	59	6.043	6.032	(0.689)	111503	5.00000	5.2	

Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ppbv)	ON-COL (ppbv)
-----	----	==	=====	=====	-----	-----	-----
16 Acrolein	56	6.315	6.310	(0.720)	52622	5.00000	5.0
17 Freon TF	101	6.342	6.347	(0.724)	332577	5.00000	5.1
18 1,1-Dichloroethene	96	6.400	6.400	(0.730)	147180	5.00000	4.7
19 Acetone	43	6.539	6.534	(0.746)	303268	5.00000	5.0
20 Isopropyl Alcohol	45	6.705	6.689	(0.765)	170318	5.00000	5.0
21 Carbon Disulfide	76	6.742	6.742	(0.769)	456026	5.00000	4.9
22 3-Chloropropene	41	6.934	6.934	(0.791)	216058	5.00000	5.1
23 Acetonitrile	41	6.982	6.982	(0.797)	104616	5.00000	5.0
24 Methylene Chloride	49	7.116	7.116	(0.812)	195607	5.00000	4.0
25 tert-Butyl Alcohol	59	7.249	7.233	(0.827)	273878	5.00000	5.0
26 Methyl tert-Butyl Ether	73	7.409	7.398	(0.845)	495505	5.00000	5.0
27 trans-1,2-Dichloroethene	61	7.409	7.409	(0.845)	268208	5.00000	5.0
28 n-Hexane	57	7.644	7.644	(0.872)	250911	5.00000	5.2
29 1,1-Dichloroethane	63	7.927	7.927	(0.904)	333465	5.00000	5.1
30 Methyl Ethyl Ketone	72	8.530	8.525	(0.973)	72398	5.00000	4.8 (Q)
31 cis-1,2-Dichloroethene	96	8.525	8.525	(0.973)	176285	5.00000	4.8
* 32 Bromochloromethane	128	8.765	8.765	(1.000)	317813	10.0000	
33 Tetrahydrofuran	42	8.802	8.791	(0.915)	172072	5.00000	5.0
34 Chloroform	83	8.797	8.797	(1.004)	409943	5.00000	5.0
35 1,1,1-Trichloroethane	97	8.984	8.983	(0.934)	460822	5.00000	4.9
36 Cyclohexane	84	9.000	8.999	(0.936)	253297	5.00000	5.3
37 Carbon Tetrachloride	117	9.112	9.117	(0.947)	489578	5.00000	5.1
38 2,2,4-Trimethylpentane	57	9.277	9.277	(0.964)	844234	5.00000	5.1
M 40 1,2-Dichloroethene (total)	61				444493	10.0000	9.8
39 Benzene	78	9.314	9.314	(0.968)	534409	5.00000	4.9
41 1,2-Dichloroethane	62	9.362	9.362	(0.973)	321492	5.00000	5.1
42 n-Heptane	43	9.416	9.416	(0.979)	320731	5.00000	5.0
* 43 1,4-Difluorobenzene	114	9.619	9.619	(1.000)	1933091	10.0000	
44 1-Butanol	56	9.747	9.731	(1.013)	64832	5.00000	5.0
45 Trichloroethene	95	9.853	9.853	(1.024)	252582	5.00000	5.0
46 Methyl Methacrylate	69	10.078	10.072	(1.048)	153322	5.00000	5.4
47 1,2-Dichloropropane	63	10.078	10.078	(1.048)	194172	5.00000	5.0
48 1,4-Dioxane	88	10.179	10.168	(1.058)	60668	5.00000	5.0
49 Dibromomethane	174	10.190	10.195	(1.059)	248891	5.00000	5.2
50 Bromodichloromethane	83	10.275	10.275	(1.068)	449267	5.00000	5.3
51 cis-1,3-Dichloropropene	75	10.633	10.633	(1.105)	321025	5.00000	5.1
52 Methyl Isobutyl Ketone	43	10.739	10.729	(1.117)	319297	5.00000	5.2
53 n-Octane	43	10.841	10.841	(1.127)	444089	5.00000	5.0
54 Toluene	92	10.894	10.894	(0.907)	395405	5.00000	4.8
55 trans-1,3-Dichloropropene	75	11.065	11.065	(1.150)	313124	5.00000	5.3
56 1,1,2-Trichloroethane	83	11.230	11.230	(0.935)	184287	5.00000	5.1
57 Tetrachloroethene	166	11.326	11.326	(0.943)	384351	5.00000	5.0
58 Methyl Butyl Ketone	43	11.390	11.380	(0.948)	278644	5.00000	5.2
59 Dibromochloromethane	129	11.556	11.556	(0.962)	428148	5.00000	5.4
60 1,2-Dibromoethane	107	11.689	11.689	(0.973)	344307	5.00000	5.0
84 Nonane	57	12.026	12.026	(1.001)	388420	5.00000	4.9
* 61 Chlorobenzene-d5	117	12.015	12.015	(1.000)	1769960	10.0000	

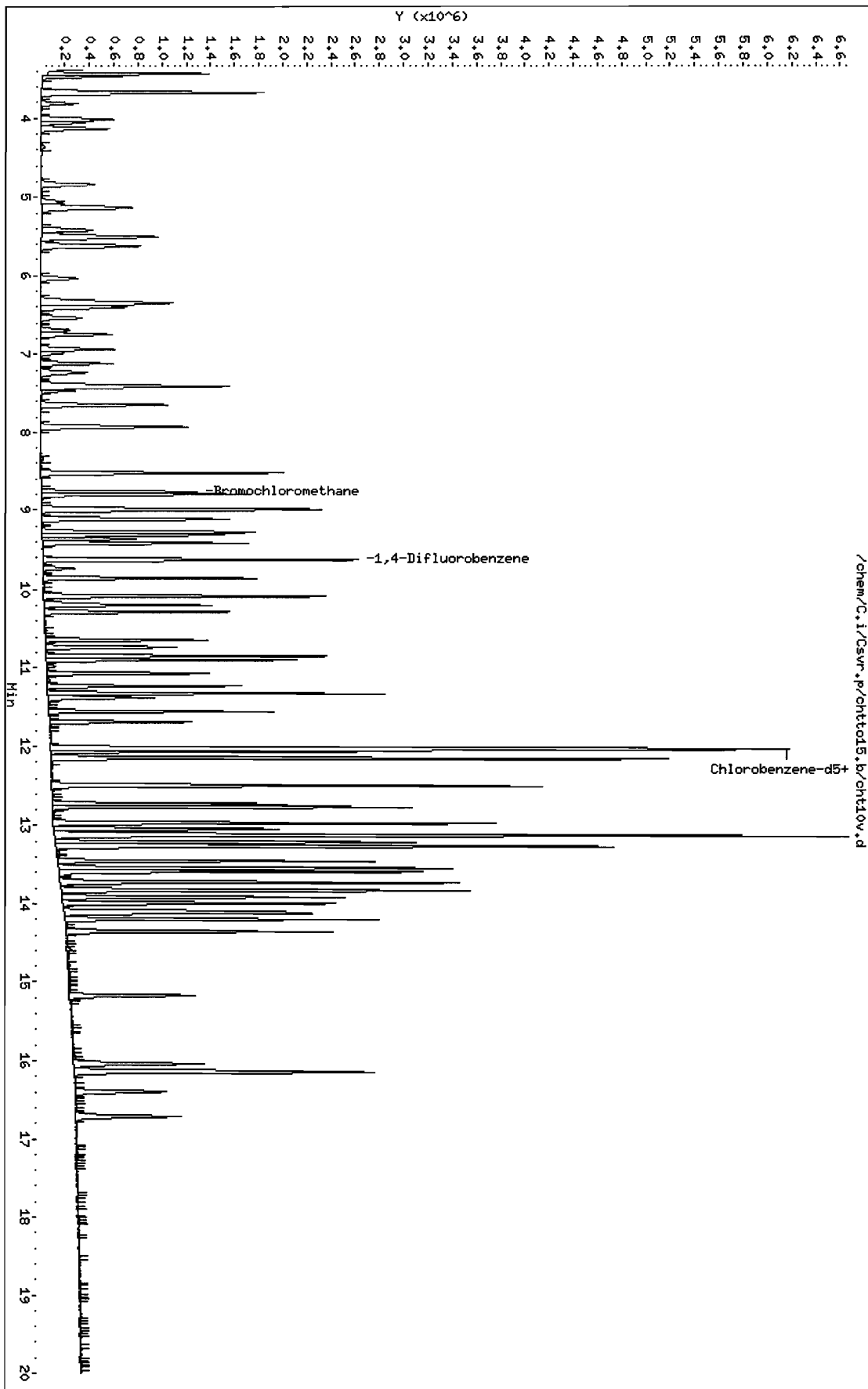
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
62 Chlorobenzene	112	12.036	12.036	(1.002)	552601	5.00000	4.9
63 Ethylbenzene	91	12.063	12.063	(1.004)	817955	5.00000	5.1
64 Xylene (m,p)	106	12.148	12.148	(1.011)	628138	10.0000	11
65 Xylene (o)	106	12.485	12.485	(1.039)	310527	5.00000	5.2
66 Styrene	104	12.495	12.495	(1.040)	433537	5.00000	5.8
67 Bromoform	173	12.725	12.725	(1.059)	415755	5.00000	5.6
68 Cumene	105	12.762	12.762	(1.062)	944840	5.00000	5.5
69 1,1,2,2-Tetrachloroethane	83	13.040	13.040	(1.085)	421168	5.00000	5.4
M 70 Xylene (total)	106				938665	5.00000	16
71 n-Decane	57	13.109	13.109	(1.091)	388590	5.00000	5.6
72 n-Propylbenzene	91	13.114	13.114	(1.091)	1062442	5.00000	5.7
73 1,2,3-Trichloropropane	75	13.120	13.125	(1.092)	361819	5.00000	5.1
74 4-Ethyltoluene	105	13.205	13.205	(1.099)	924190	5.00000	5.9
75 1,3,5-Trimethylbenzene	105	13.248	13.248	(1.103)	769696	5.00000	6.1
76 2-Chlorotoluene	91	13.258	13.258	(1.103)	778288	5.00000	5.3
77 a-Methylstyrene	118	13.451	13.450	(1.119)	313878	5.00000	6.3
78 Tert-Butylbenzene	119	13.536	13.536	(1.127)	775746	5.00000	5.7
79 1,2,4-Trimethylbenzene	105	13.584	13.584	(1.131)	724364	5.00000	6.0
80 Sec-Butylbenzene	105	13.723	13.723	(1.142)	1065354	5.00000	5.9
81 4-Isopropyltoluene	119	13.824	13.824	(1.151)	859391	5.00000	5.8
82 1,3-Dichlorobenzene	146	13.915	13.915	(1.158)	457392	5.00000	4.8
83 1,4-Dichlorobenzene	146	13.990	13.989	(1.164)	423931	5.00000	4.7
85 n-Undecane	57	14.118	14.118	(1.175)	282496	5.00000	5.0
86 Benzyl Chloride	91	14.096	14.096	(1.173)	494502	5.00000	5.2
87 n-Butylbenzene	91	14.198	14.198	(1.182)	602336	5.00000	5.2
88 1,2-Dichlorobenzene	146	14.352	14.358	(1.195)	438617	5.00000	4.7
89 n-Dodecane	57	15.169	15.169	(1.263)	135606	5.00000	5.0
90 1,2,4-Trichlorobenzene	180	16.039	16.039	(1.335)	178438	5.00000	4.5
91 Hexachlorobutadiene	225	16.135	16.135	(1.343)	314311	5.00000	4.3
92 Naphthalene	128	16.396	16.396	(1.365)	190757	5.00000	3.1
93 1,2,3-Trichlorobenzene	180	16.711	16.711	(1.391)	143008	5.00000	3.5

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Csvr.p/chttd15.b/cht10v.d
Date: 17-MAR-2009 20:06
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht10v.d
 Lab Smp Id: ASTD010 Client Smp ID: ASTD010
 Inj Date : 17-MAR-2009 20:06
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD010;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 20-Mar-2009 10:09 cmp Quant Type: ISTD
 Cal Date : 17-MAR-2009 20:06 Cal File: cht10v.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

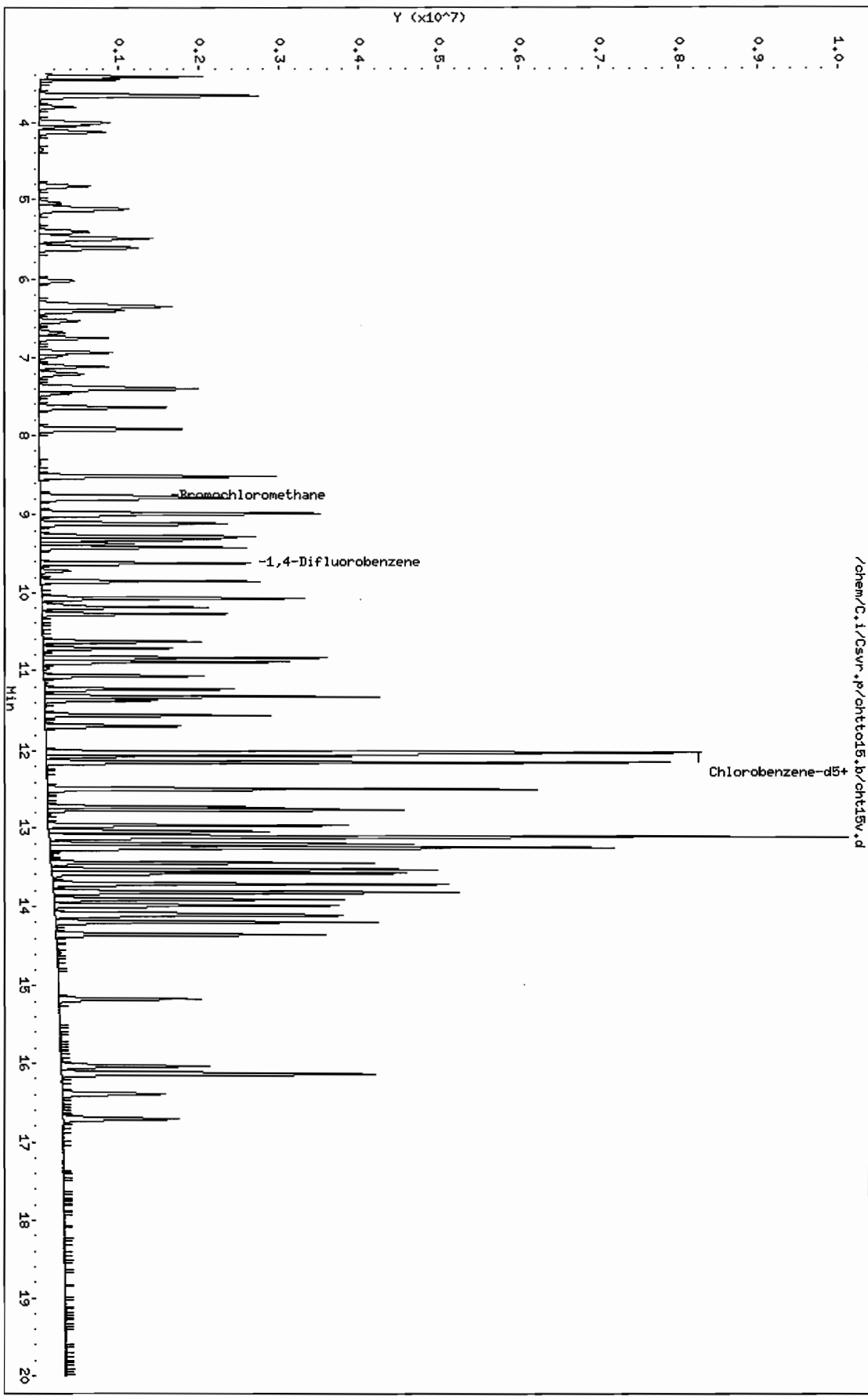
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		
						CAL-AMT (ppbv)	ON-COL (ppbv)	
1 Dichlorodifluoromethane	85	3.433	3.433	(0.392)	1350796	10.0000	9.8	
2 Freon-22	51	3.470	3.470	(0.396)	762185	10.0000	9.7	
3 1,2-Dichlorotetrafluoroethane	85	3.673	3.673	(0.419)	1349427	10.0000	10	
4 Chloromethane	50	3.812	3.812	(0.435)	385236	10.0000	9.3	
5 n-Butane	43	4.015	4.015	(0.458)	684999	10.0000	9.8	
6 Vinyl Chloride	62	4.052	4.052	(0.462)	444919	10.0000	9.7	
7 1,3-Butadiene	54	4.132	4.132	(0.471)	321693	10.0000	10	
8 Methanol	31	Compound Not Detected.						
9 Bromomethane	94	4.837	4.837	(0.552)	399321	10.0000	9.9	
10 Chloroethane	64	5.056	5.056	(0.577)	234973	10.0000	10	
11 Isopentane	43	5.130	5.130	(0.585)	511466	10.0000	10	
12 Bromoethene	106	5.418	5.418	(0.618)	407851	10.0000	10	
13 Trichlorofluoromethane	101	5.504	5.504	(0.628)	1297857	10.0000	10	
14 Pentane	43	5.621	5.621	(0.641)	759361	10.0000	10	
15 Ethyl Ether	59	6.032	6.032	(0.688)	237223	10.0000	11	

Compounds	QUANT SIG			AMOUNTS		
	MASS	RT	EXP RT REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
16 Acrolein	56	6.310	6.310 (0.720)	113825	10.0000	10
17 Freon TF	101	6.347	6.347 (0.724)	697656	10.0000	10
18 1,1-Dichloroethene	96	6.400	6.400 (0.730)	313436	10.0000	9.8
19 Acetone	43	6.534	6.534 (0.745)	537199	10.0000	9.3
20 Isopropyl Alcohol	45	6.689	6.689 (0.763)	372610	10.0000	10
21 Carbon Disulfide	76	6.742	6.742 (0.769)	957645	10.0000	10
22 3-Chloropropene	41	6.934	6.934 (0.791)	458783	10.0000	10
23 Acetonitrile	41	6.982	6.982 (0.797)	226185	10.0000	10
24 Methylené Chloride	49	7.116	7.116 (0.812)	394804	10.0000	8.4
25 tert-Butyl Alcohol	59	7.233	7.233 (0.825)	608767	10.0000	10
26 Methyl tert-Butyl Ether	73	7.398	7.398 (0.844)	1046648	10.0000	10
27 trans-1,2-Dichloroethene	61	7.409	7.409 (0.845)	563804	10.0000	10
28 n-Hexane	57	7.644	7.644 (0.872)	546753	10.0000	11
29 1,1-Dichloroethane	63	7.927	7.927 (0.904)	701426	10.0000	10
30 Methyl Ethyl Ketone	72	8.525	8.525 (0.973)	152938	10.0000	9.9
31 cis-1,2-Dichloroethene	96	8.525	8.525 (0.973)	376447	10.0000	10
* 32 Bromochloromethane	128	8.765	8.765 (1.000)	326696	10.0000	
33 Tetrahydrofuran	42	8.791	8.791 (0.914)	362787	10.0000	10
34 Chloroform	83	8.797	8.797 (1.004)	850944	10.0000	10
35 1,1,1-Trichloroethane	97	8.983	8.983 (0.934)	963768	10.0000	10
36 Cyclohexane	84	8.999	8.999 (0.936)	534165	10.0000	11
37 Carbon Tetrachloride	117	9.117	9.117 (0.948)	1036179	10.0000	11
38 2,2,4-Trimethylpentane	57	9.277	9.277 (0.964)	1776650	10.0000	10
M 40 1,2-Dichloroethene (total)	61			940251	20.0000	20
39 Benzene	78	9.314	9.314 (0.968)	1121841	10.0000	10
41 1,2-Dichloroethane	62	9.362	9.362 (0.973)	660127	10.0000	10
42 n-Heptane	43	9.416	9.416 (0.979)	679106	10.0000	10
* 43 1,4-Difluorobenzene	114	9.619	9.619 (1.000)	1960223	10.0000	
44 1-Butanol	56	9.731	9.731 (1.012)	147730	10.0000	11
45 Trichloroethene	95	9.853	9.853 (1.024)	539114	10.0000	10
46 Methyl Methacrylate	69	10.072	10.072 (1.047)	349256	10.0000	11
47 1,2-Dichloropropane	63	10.078	10.078 (1.048)	414454	10.0000	10
48 1,4-Dioxane	88	10.168	10.168 (1.057)	133940	10.0000	10
49 Dibromomethane	174	10.195	10.195 (1.060)	532802	10.0000	11
50 Bromodichloromethane	83	10.275	10.275 (1.068)	955115	10.0000	11
51 cis-1,3-Dichloropropene	75	10.633	10.633 (1.105)	678468	10.0000	11
52 Methyl Isobutyl Ketone	43	10.729	10.729 (1.115)	713328	10.0000	11
53 n-Octane	43	10.841	10.841 (1.127)	956562	10.0000	11
54 Toluene	92	10.894	10.894 (0.907)	835326	10.0000	10
55 trans-1,3-Dichloropropene	75	11.065	11.065 (1.150)	680672	10.0000	11
56 1,1,2-Trichloroethane	83	11.230	11.230 (0.935)	388449	10.0000	10
57 Tetrachloroethene	166	11.326	11.326 (0.943)	823671	10.0000	10
58 Methyl Butyl Ketone	43	11.380	11.380 (0.947)	644972	10.0000	11
59 Dibromochloromethane	129	11.556	11.556 (0.962)	945527	10.0000	11
60 1,2-Dibromoethane	107	11.689	11.689 (0.973)	727032	10.0000	10
84 Nonane	57	12.026	12.026 (1.001)	862124	10.0000	11
* 61 Chlorobenzene-d5	117	12.015	12.015 (1.000)	1804792	10.0000	

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
62 Chlorobenzene	112	12.036	12.036	(1.002)	1197131	10.0000	10
63 Ethylbenzene	91	12.063	12.063	(1.004)	1806079	10.0000	11
64 Xylene (m,p)	106	12.148	12.148	(1.011)	1403677	20.0000	22
65 Xylene (o)	106	12.485	12.485	(1.039)	687981	10.0000	11
66 Styrene	104	12.495	12.495	(1.040)	1018496	10.0000	12
67 Bromoform	173	12.725	12.725	(1.059)	957620	10.0000	12
68 Cumene	105	12.762	12.762	(1.062)	2066507	10.0000	11
69 1,1,2,2-Tetrachloroethane	83	13.040	13.040	(1.085)	935516	10.0000	11
M 70 Xylene (total)	106				2091658	10.0000	33
71 n-Decane	57	13.109	13.109	(1.091)	997048	10.0000	12
72 n-Propylbenzene	91	13.114	13.114	(1.091)	2459144	10.0000	12
73 1,2,3-Trichloropropane	75	13.125	13.125	(1.092)	815442	10.0000	11
74 4-Ethyltoluene	105	13.205	13.205	(1.099)	2103039	10.0000	12
75 1,3,5-Trimethylbenzene	105	13.248	13.248	(1.103)	1763314	10.0000	13
76 2-Chlorotoluene	91	13.258	13.258	(1.103)	1723110	10.0000	11
77 a-Methylstyrene	118	13.450	13.450	(1.119)	790899	10.0000	14
78 Tert-Butylbenzene	119	13.536	13.536	(1.127)	1718589	10.0000	12
79 1,2,4-Trimethylbenzene	105	13.584	13.584	(1.131)	1689533	10.0000	13
80 Sec-Butylbenzene	105	13.723	13.723	(1.142)	2400733	10.0000	12
81 4-Isopropyltoluene	119	13.824	13.824	(1.151)	2083101	10.0000	13
82 1,3-Dichlorobenzene	146	13.915	13.915	(1.158)	1042404	10.0000	11
83 1,4-Dichlorobenzene	146	13.989	13.989	(1.164)	986827	10.0000	11
85 n-Undecane	57	14.118	14.118	(1.175)	651511	10.0000	11
86 Benzyl Chloride	91	14.096	14.096	(1.173)	1200909	10.0000	12
87 n-Butylbenzene	91	14.198	14.198	(1.182)	1588240	10.0000	12
88 1,2-Dichlorobenzene	146	14.358	14.358	(1.195)	1009212	10.0000	10
89 n-Dodecane	57	15.169	15.169	(1.263)	434858	10.0000	12
90 1,2,4-Trichlorobenzene	180	16.039	16.039	(1.335)	498584	10.0000	11
91 Hexachlorobutadiene	225	16.135	16.135	(1.343)	775094	10.0000	10
92 Naphthalene	128	16.396	16.396	(1.365)	864221	10.0000	12
93 1,2,3-Trichlorobenzene	180	16.711	16.711	(1.391)	423642	10.0000	10

Data File: /chem/C.1/Csvr.p/ohcto15.b/ohct15v.d
Date: 17-MAR-2009 20:52
Client ID: ASTD015
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht15v.d
 Lab Smp Id: ASTD015 Client Smp ID: ASTD015
 Inj Date : 17-MAR-2009 20:52
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD015;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 20-Mar-2009 10:09 cmp Quant Type: ISTD
 Cal Date : 17-MAR-2009 20:52 Cal File: cht15v.d
 Als bottle: 6 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

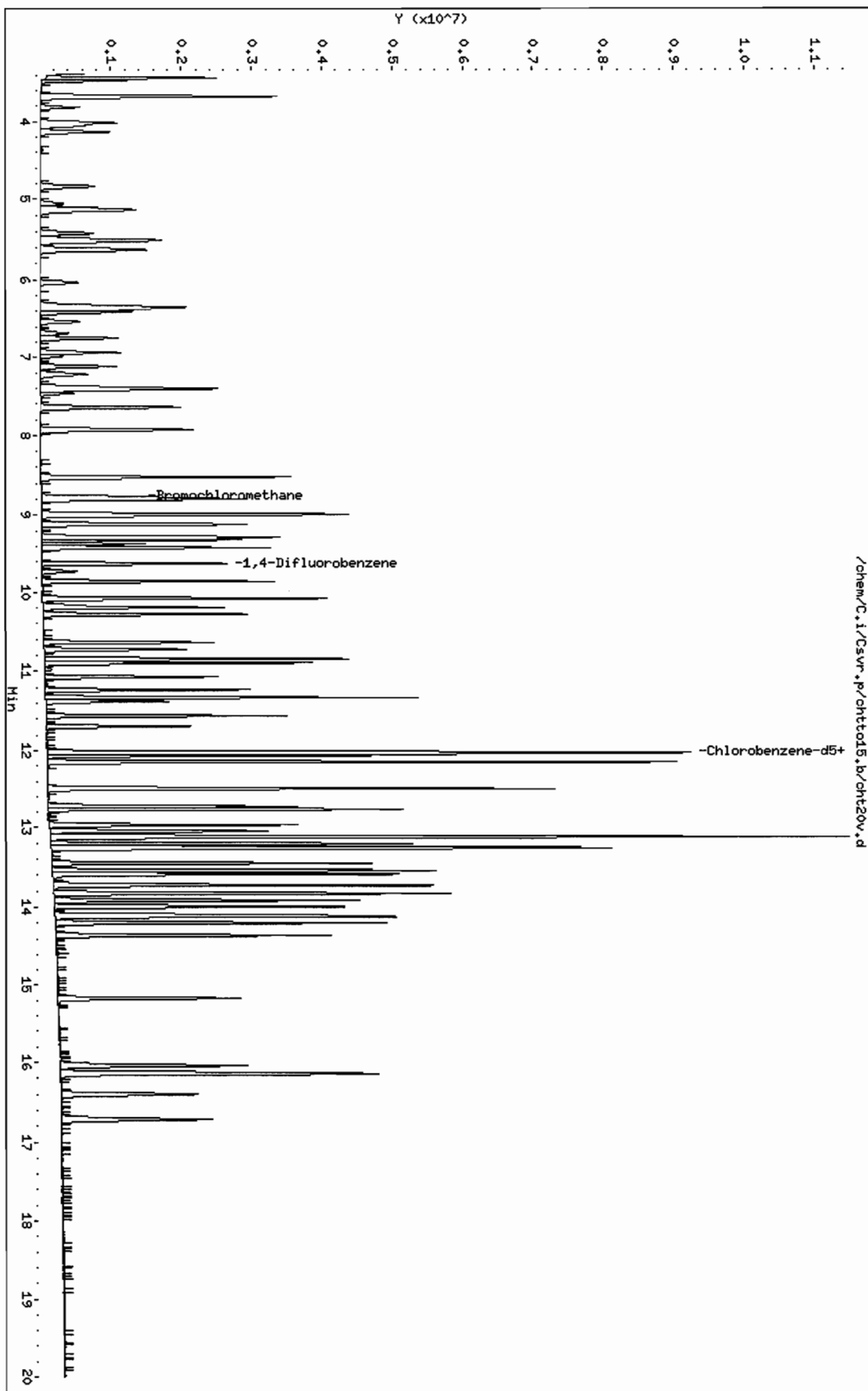
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		
						CAL-AMT (ppbv)	ON-COL (ppbv)	
1 Dichlorodifluoromethane	85	3.422	3.433	(0.390)	2006472	15.0000	15	
2 Freon-22	51	3.460	3.470	(0.395)	1139767	15.0000	15	
3 1,2-Dichlorotetrafluoroethane	85	3.663	3.673	(0.418)	2031344	15.0000	15	
4 Chloromethane	50	3.801	3.812	(0.434)	570034	15.0000	14	
5 n-Butane	43	4.004	4.015	(0.457)	1018795	15.0000	14	
6 Vinyl Chloride	62	4.047	4.052	(0.462)	668626	15.0000	15	
7 1,3-Butadiene	54	4.122	4.132	(0.470)	478783	15.0000	15	
8 Methanol	31	Compound Not Detected.						
9 Bromomethane	94	4.826	4.837	(0.551)	595900	15.0000	15	
10 Chloroethane	64	5.045	5.056	(0.576)	352968	15.0000	15	
11 Isopentane	43	5.125	5.130	(0.585)	765578	15.0000	16	
12 Bromoethene	106	5.413	5.418	(0.618)	616331	15.0000	15	
13 Trichlorofluoromethane	101	5.499	5.504	(0.627)	1942487	15.0000	15	
14 Pentane	43	5.616	5.621	(0.641)	1153196	15.0000	15	
15 Ethyl Ether	59	6.022	6.032	(0.687)	356377	15.0000	16	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
16 Acrolein	56	6.304	6.310	(0.719)	169185	15.0000	15
17 Freon TF	101	6.342	6.347	(0.724)	1078204	15.0000	16
18 1,1-Dichloroethene	96	6.395	6.400	(0.730)	475179	15.0000	15
19 Acetone	43	6.523	6.534	(0.744)	792044	15.0000	14
20 Isopropyl Alcohol	45	6.673	6.689	(0.761)	510350	15.0000	14
21 Carbon Disulfide	76	6.742	6.742	(0.769)	1451249	15.0000	15
22 3-Chloropropene	41	6.929	6.934	(0.791)	690703	15.0000	15
23 Acetonitrile	41	6.977	6.982	(0.796)	323837	15.0000	15
24 Methylene Chloride	49	7.110	7.116	(0.811)	593683	15.0000	13
25 tert-Butyl Alcohol	59	7.206	7.233	(0.822)	849932	15.0000	15
26 Methyl tert-Butyl Ether	73	7.388	7.398	(0.843)	1568466	15.0000	15
27 trans-1,2-Dichloroethene	61	7.409	7.409	(0.845)	854168	15.0000	15
28 n-Hexane	57	7.639	7.644	(0.872)	838601	15.0000	16
29 1,1-Dichloroethane	63	7.927	7.927	(0.904)	1062936	15.0000	16
30 Methyl Ethyl Ketone	72	8.519	8.525	(0.972)	226713	15.0000	15
31 cis-1,2-Dichloroethene	96	8.519	8.525	(0.972)	577425	15.0000	15
* 32 Bromochloromethane	128	8.765	8.765	(1.000)	327684	10.0000	
33 Tetrahydrofuran	42	8.786	8.791	(0.913)	541656	15.0000	15
34 Chloroform	83	8.797	8.797	(1.004)	1285755	15.0000	15
35 1,1,1-Trichloroethane	97	8.983	8.983	(0.934)	1476651	15.0000	16
36 Cyclohexane	84	8.994	8.999	(0.935)	823860	15.0000	17
37 Carbon Tetrachloride	117	9.112	9.117	(0.947)	1569075	15.0000	16
38 2,2,4-Trimethylpentane	57	9.277	9.277	(0.964)	2711327	15.0000	16
M 40 1,2-Dichloroethene (total)	61				1431593	15.0000	31
39 Benzene	78	9.314	9.314	(0.968)	1708520	15.0000	15
41 1,2-Dichloroethane	62	9.362	9.362	(0.973)	989476	15.0000	15
42 n-Heptane	43	9.416	9.416	(0.979)	1037401	15.0000	16
* 43 1,4-Difluorobenzene	114	9.619	9.619	(1.000)	1961743	10.0000	
44 1-Butanol	56	9.720	9.731	(1.011)	210123	15.0000	15
45 Trichloroethene	95	9.853	9.853	(1.024)	820899	15.0000	16
46 Methyl Methacrylate	69	10.072	10.072	(1.047)	526949	15.0000	17
47 1,2-Dichloropropane	63	10.078	10.078	(1.048)	621855	15.0000	16
48 1,4-Dioxane	88	10.158	10.168	(1.056)	172645	15.0000	14
49 Dibromomethane	174	10.190	10.195	(1.059)	808440	15.0000	16
50 Bromodichloromethane	83	10.275	10.275	(1.068)	1445706	15.0000	16
51 cis-1,3-Dichloropropene	75	10.633	10.633	(1.105)	1012754	15.0000	16
52 Methyl Isobutyl Ketone	43	10.718	10.729	(1.114)	1046689	15.0000	16
53 n-Octane	43	10.841	10.841	(1.127)	1441900	15.0000	16
54 Toluene	92	10.894	10.894	(0.907)	1246017	15.0000	15
55 trans-1,3-Dichloropropene	75	11.070	11.065	(1.151)	1015880	15.0000	16
56 1,1,2-Trichloroethane	83	11.230	11.230	(0.935)	572665	15.0000	15
57 Tetrachloroethene	166	11.326	11.326	(0.943)	1254269	15.0000	15
58 Methyl Butyl Ketone	43	11.369	11.380	(0.946)	985389	15.0000	17
59 Dibromochloromethane	129	11.556	11.556	(0.962)	1419546	15.0000	17
60 1,2-Dibromoethane	107	11.689	11.689	(0.973)	1076287	15.0000	15
84 Nonane	57	12.026	12.026	(1.001)	1318310	15.0000	16
* 61 Chlorobenzene-d5	117	12.015	12.015	(1.000)	1841782	10.0000	

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
62 Chlorobenzene	112	12.036	12.036	(1.002)	1798433	15.0000	15
63 Ethylbenzene	91	12.063	12.063	(1.004)	2738350	15.0000	16
64 Xylene (m,p)	106	12.148	12.148	(1.011)	2147415	30.0000	33
65 Xylene (o)	106	12.490	12.485	(1.040)	1044404	15.0000	16
66 Styrene	104	12.495	12.495	(1.040)	1586208	15.0000	19
67 Bromoform	173	12.725	12.725	(1.059)	1441539	15.0000	18
68 Cumene	105	12.762	12.762	(1.062)	3096783	15.0000	17
69 1,1,2,2-Tetrachloroethane	83	13.040	13.040	(1.085)	1405372	15.0000	17
M 70 Xylene (total)	106				3191819	15.0000	50
71 n-Decane	57	13.109	13.109	(1.091)	1543722	15.0000	19
72 n-Propylbenzene	91	13.114	13.114	(1.091)	3794195	15.0000	18
73 1,2,3-Trichloropropane	75	13.125	13.125	(1.092)	1240724	15.0000	16
74 4-Ethyltoluene	105	13.205	13.205	(1.099)	3162130	15.0000	18
75 1,3,5-Trimethylbenzene	105	13.248	13.248	(1.103)	2722908	15.0000	19
76 2-Chlorotoluene	91	13.258	13.258	(1.103)	2607034	15.0000	16
77 a-Methylstyrene	118	13.450	13.450	(1.119)	1224701	15.0000	21
78 Tert-Butylbenzene	119	13.541	13.536	(1.127)	2583273	15.0000	17
79 1,2,4-Trimethylbenzene	105	13.584	13.584	(1.131)	2577554	15.0000	19
80 Sec-Butylbenzene	105	13.723	13.723	(1.142)	3638586	15.0000	18
81 4-Isopropyltoluene	119	13.824	13.824	(1.151)	3139071	15.0000	19
82 1,3-Dichlorobenzene	146	13.915	13.915	(1.158)	1607789	15.0000	16
83 1,4-Dichlorobenzene	146	13.990	13.989	(1.164)	1533373	15.0000	16
85 n-Undecane	57	14.118	14.118	(1.175)	1097398	15.0000	17
86 Benzyl Chloride	91	14.096	14.096	(1.173)	1951348	15.0000	19
87 n-Butylbenzene	91	14.198	14.198	(1.182)	2482218	15.0000	19
88 1,2-Dichlorobenzene	146	14.358	14.358	(1.195)	1560414	15.0000	16
89 n-Dodecane	57	15.164	15.169	(1.262)	738186	15.0000	18
90 1,2,4-Trichlorobenzene	180	16.039	16.039	(1.335)	828585	15.0000	19
91 Hexachlorobutadiene	225	16.135	16.135	(1.343)	1216621	15.0000	16
92 Naphthalene	128	16.396	16.396	(1.365)	1462430	15.0000	20
93 1,2,3-Trichlorobenzene	180	16.717	16.711	(1.391)	701933	15.0000	16

Data File: /chem/C.1/Csvr.p/chttd15.b/cht20v.d
Date: 17-MAR-2009 21:39
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht20v.d
 Lab Smp Id: ASTD020 Client Smp ID: ASTD020
 Inj Date : 17-MAR-2009 21:39
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD020;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 20-Mar-2009 10:09 cmp Quant Type: ISTD
 Cal Date : 17-MAR-2009 21:39 Cal File: cht20v.d
 Als bottle: 7 Calibration Sample, Level: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS		
						CAL-AMT (ppbv)	ON-COL (ppbv)	
1 Dichlorodifluoromethane	85	3.433	3.433	(0.392)	2451421	20.0000	18	
2 Freon-22	51	3.470	3.470	(0.396)	1389656	20.0000	18	
3 1,2-Dichlorotetrafluoroethane	85	3.673	3.673	(0.419)	2477899	20.0000	19	
4 Chloromethane	50	3.812	3.812	(0.435)	691870	20.0000	17	
5 n-Butane	43	4.015	4.015	(0.458)	1246057	20.0000	18	
6 Vinyl Chloride	62	4.058	4.052	(0.463)	803859	20.0000	18	
7 1,3-Butadiene	54	4.132	4.132	(0.471)	576715	20.0000	19	
8 Methanol	31	Compound Not Detected.						
9 Bromomethane	94	4.837	4.837	(0.552)	713361	20.0000	18	
10 Chloroethane	64	5.056	5.056	(0.577)	421248	20.0000	18	
11 Isopentane	43	5.136	5.130	(0.586)	925899	20.0000	19	
12 Bromoethene	106	5.424	5.418	(0.619)	745503	20.0000	19	
13 Trichlorofluoromethane	101	5.509	5.504	(0.629)	2368087	20.0000	19	
14 Pentane	43	5.627	5.621	(0.642)	1400471	20.0000	19	
15 Ethyl Ether	59	6.032	6.032	(0.688)	416204	20.0000	19	

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
16 Acrolein	56	6.310	6.310	(0.720)	201571	20.0000	18
17 Freon TF	101	6.352	6.347	(0.725)	1336561	20.0000	20
18 1,1-Dichloroethene	96	6.406	6.400	(0.731)	588535	20.0000	19
19 Acetone	43	6.534	6.534	(0.745)	881718	20.0000	16
20 Isopropyl Alcohol	45	6.683	6.689	(0.763)	653134	20.0000	19
21 Carbon Disulfide	76	6.747	6.742	(0.770)	1802517	20.0000	19
22 3-Chloropropene	41	6.934	6.934	(0.791)	887157	20.0000	20
23 Acetonitrile	41	6.982	6.982	(0.797)	350685	20.0000	17(Q)
24 Methylene Chloride	49	7.121	7.116	(0.812)	736334	20.0000	16
25 tert-Butyl Alcohol	59	7.222	7.233	(0.824)	1079329	20.0000	19
26 Methyl tert-Butyl Ether	73	7.393	7.398	(0.844)	1799778	20.0000	18
27 trans-1,2-Dichloroethene	61	7.414	7.409	(0.846)	1061463	20.0000	19
28 n-Hexane	57	7.644	7.644	(0.872)	1065007	20.0000	20
29 1,1-Dichloroethane	63	7.932	7.927	(0.905)	1315637	20.0000	19
30 Methyl Ethyl Ketone	72	8.525	8.525	(0.973)	265049	20.0000	18(Q)
31 cis-1,2-Dichloroethene	96	8.525	8.525	(0.973)	714586	20.0000	19
* 32 Bromochloromethane	128	8.765	8.765	(1.000)	331124	10.0000	(Q)
33 Tetrahydrofuran	42	8.791	8.791	(0.913)	615322	20.0000	18
34 Chloroform	83	8.802	8.797	(1.004)	1588001	20.0000	19
35 1,1,1-Trichloroethane	97	8.989	8.983	(0.934)	1821415	20.0000	19
36 Cyclohexane	84	9.000	8.999	(0.935)	1034639	20.0000	21
37 Carbon Tetrachloride	117	9.117	9.117	(0.947)	1952869	20.0000	20
38 2,2,4-Trimethylpentane	57	9.282	9.277	(0.964)	3401784	20.0000	20
M 40 1,2-Dichloroethene (total)	61				1776049	40.0000	38
39 Benzene	78	9.320	9.314	(0.968)	2126217	20.0000	19
41 1,2-Dichloroethane	62	9.368	9.362	(0.973)	1224425	20.0000	19
42 n-Heptane	43	9.416	9.416	(0.978)	1298027	20.0000	20
* 43 1,4-Difluorobenzene	114	9.624	9.619	(1.000)	1962459	10.0000	
44 1-Butanol	56	9.725	9.731	(1.011)	274777	20.0000	20
45 Trichloroethene	95	9.859	9.853	(1.024)	1007385	20.0000	20
46 Methyl Methacrylate	69	10.072	10.072	(1.047)	602709	20.0000	20
47 1,2-Dichloropropane	63	10.083	10.078	(1.048)	779072	20.0000	20
48 1,4-Dioxane	88	10.163	10.168	(1.056)	226805	20.0000	19
49 Dibromomethane	174	10.195	10.195	(1.059)	1005719	20.0000	20
50 Bromodichloromethane	83	10.280	10.275	(1.068)	1779148	20.0000	20
51 cis-1,3-Dichloropropene	75	10.638	10.633	(1.105)	1242524	20.0000	19
52 Methyl Isobutyl Ketone	43	10.723	10.729	(1.114)	1321127	20.0000	20
53 n-Octane	43	10.846	10.841	(1.127)	1778589	20.0000	20
54 Toluene	92	10.894	10.894	(0.907)	1512747	20.0000	19
55 trans-1,3-Dichloropropene	75	11.070	11.065	(1.150)	1220173	20.0000	20
56 1,1,2-Trichloroethane	83	11.230	11.230	(0.935)	698317	20.0000	19
57 Tetrachloroethene	166	11.326	11.326	(0.943)	1566170	20.0000	20
58 Methyl Butyl Ketone	43	11.374	11.380	(0.947)	1261632	20.0000	22
59 Dibromochloromethane	129	11.556	11.556	(0.962)	1735696	20.0000	21
60 1,2-Dibromoethane	107	11.689	11.689	(0.973)	1314898	20.0000	19
84 Nonane	57	12.026	12.026	(1.001)	1531949	20.0000	19
* 61 Chlorobenzene-d5	117	12.015	12.015	(1.000)	1783692	10.0000	

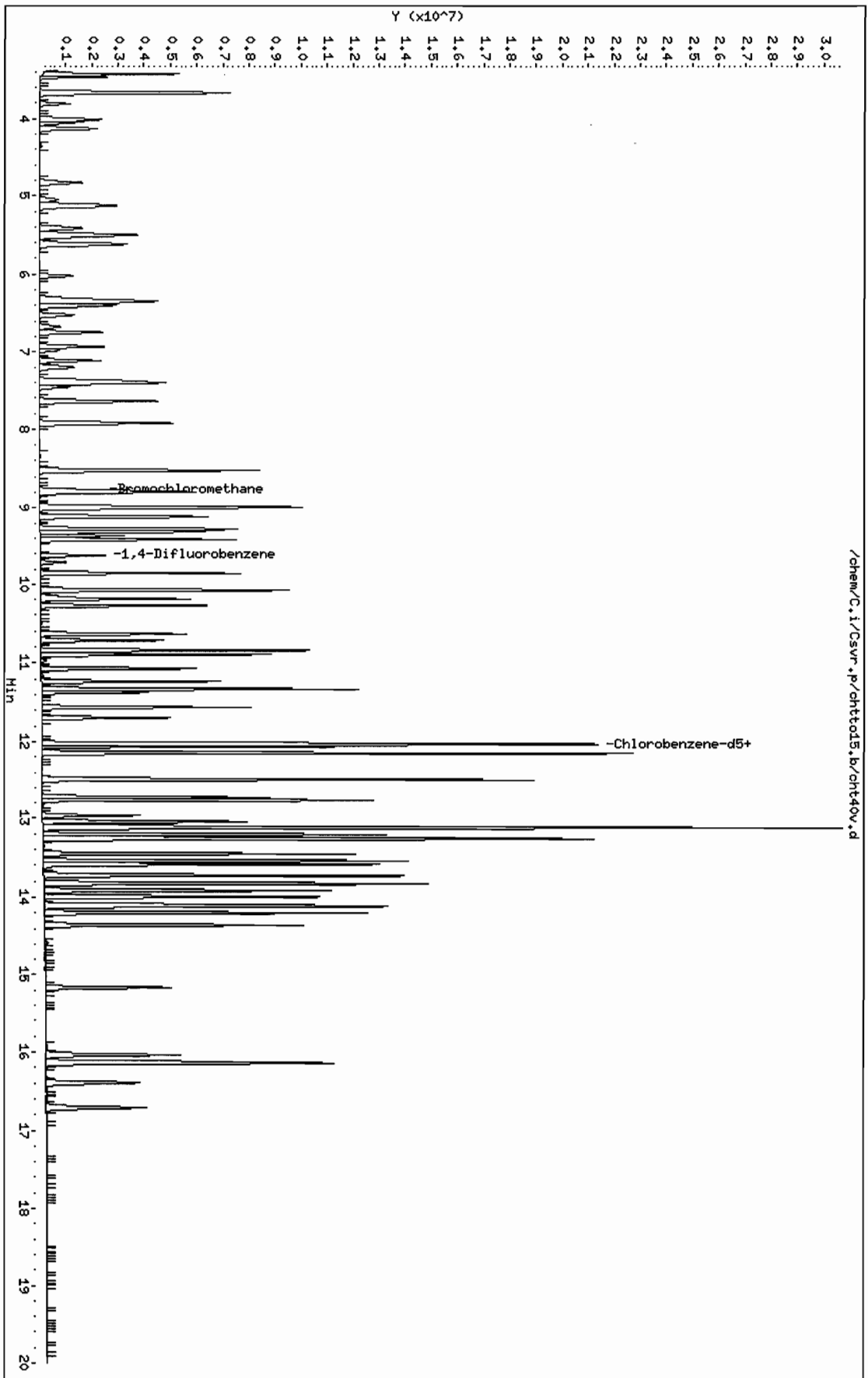
Compounds	QUANT SIG	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)
62 Chlorobenzene	112	12.042	12.036	(1.002)	2186899	20.0000	19
63 Ethylbenzene	91	12.063	12.063	(1.004)	3175421	20.0000	19
64 Xylene (m,p)	106	12.148	12.148	(1.011)	2490963	40.0000	40
65 Xylene (o)	106	12.490	12.485	(1.040)	1197370	20.0000	19
66 Styrene	104	12.501	12.495	(1.040)	1860356	20.0000	22
67 Bromoform	173	12.725	12.725	(1.059)	1732525	20.0000	21
68 Cumene	105	12.762	12.762	(1.062)	3512995	20.0000	20
69 1,1,2,2-Tetrachloroethane	83	13.045	13.040	(1.086)	1615499	20.0000	20
M 70 Xylene (total)	106				3688333	20.0000	60
71 n-Decane	57	13.109	13.109	(1.091)	1689213	20.0000	21
72 n-Propylbenzene	91	13.114	13.114	(1.091)	4301918	20.0000	21
73 1,2,3-Trichloropropane	75	13.125	13.125	(1.092)	1418983	20.0000	19
74 4-Ethyltoluene	105	13.205	13.205	(1.099)	3500208	20.0000	20
75 1,3,5-Trimethylbenzene	105	13.248	13.248	(1.103)	3096321	20.0000	22
76 2-Chlorotoluene	91	13.264	13.258	(1.104)	2998919	20.0000	20
77 a-Methylstyrene	118	13.456	13.450	(1.120)	1409648	20.0000	24
78 Tert-Butylbenzene	119	13.541	13.536	(1.127)	2907095	20.0000	20
79 1,2,4-Trimethylbenzene	105	13.584	13.584	(1.131)	2863961	20.0000	21
80 Sec-Butylbenzene	105	13.723	13.723	(1.142)	4048996	20.0000	21
81 4-Isopropyltoluene	119	13.824	13.824	(1.151)	3477331	20.0000	21
82 1,3-Dichlorobenzene	146	13.915	13.915	(1.158)	1898961	20.0000	20
83 1,4-Dichlorobenzene	146	13.995	13.989	(1.165)	1834942	20.0000	20
85 n-Undecane	57	14.118	14.118	(1.175)	1504203	20.0000	23
86 Benzyl Chloride	91	14.096	14.096	(1.173)	2445467	20.0000	23
87 n-Butylbenzene	91	14.198	14.198	(1.182)	2830141	20.0000	22
88 1,2-Dichlorobenzene	146	14.358	14.358	(1.195)	1813859	20.0000	19
89 n-Dodecane	57	15.169	15.169	(1.263)	1049128	20.0000	25
90 1,2,4-Trichlorobenzene	180	16.039	16.039	(1.335)	1200229	20.0000	25
91 Hexachlorobutadiene	225	16.140	16.135	(1.343)	1424461	20.0000	19
92 Naphthalene	128	16.396	16.396	(1.365)	2190848	20.0000	27
93 1,2,3-Trichlorobenzene	180	16.717	16.711	(1.391)	1030813	20.0000	24

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/chttd15.b/cht40v.d
Date: 17-MAR-2009 22:25
Client ID: ASTD040
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht40v.d
 Lab Smp Id: ASTD040 Client Smp ID: ASTD040
 Inj Date : 17-MAR-2009 22:25
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ASTD040;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 20-Mar-2009 10:09 cmp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 8 Calibration Sample, Level: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.428	3.433	(0.391)	5235719	40.0000	38
2 Freon-22	51	3.465	3.470	(0.395)	2979234	40.0000	38
3 1,2-Dichlorotetrafluoroethane	85	3.668	3.673	(0.418)	5368467	40.0000	40 (A)
4 Chloromethane	50	3.807	3.812	(0.434)	1501372	40.0000	37
5 n-Butane	43	4.009	4.015	(0.457)	2750294	40.0000	39
6 Vinyl Chloride	62	4.047	4.052	(0.462)	1773523	40.0000	39
7 1,3-Butadiene	54	4.127	4.132	(0.471)	1296815	40.0000	41 (A)
8 Methanol	31	Compound Not Detected.					
9 Bromomethane	94	4.831	4.837	(0.551)	1544140	40.0000	38
10 Chloroethane	64	5.050	5.056	(0.576)	924377	40.0000	39
11 Isopentane	43	5.125	5.130	(0.585)	2036178	40.0000	41 (A)
12 Bromoethene	106	5.413	5.418	(0.618)	1649917	40.0000	40 (A)
13 Trichlorofluoromethane	101	5.504	5.504	(0.628)	5151572	40.0000	40
14 Pentane	43	5.621	5.621	(0.641)	3148307	40.0000	41 (A)
15 Ethyl Ether	59	6.016	6.032	(0.686)	1001403	40.0000	43 (A)

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
16 Acrolein	56	6.304	6.310	(0.719)	488283	40.0000	43 (A)
17 Freon TF	101	6.342	6.347	(0.724)	2972167	40.0000	42 (A)
18 1,1-Dichloroethene	96	6.400	6.400	(0.730)	1315941	40.0000	41 (A)
19 Acetone	43	6.523	6.534	(0.744)	2108066	40.0000	39
20 Isopropyl Alcohol	45	6.667	6.689	(0.761)	1336243	40.0000	38
21 Carbon Disulfide	76	6.742	6.742	(0.769)	3995711	40.0000	41 (A)
22 3-Chloropropene	41	6.929	6.934	(0.791)	1966549	40.0000	42 (A)
23 Acetonitrile	41	6.977	6.982	(0.796)	857322	40.0000	40
24 Methylene Chloride	49	7.116	7.116	(0.812)	1597100	40.0000	36
25 tert-Butyl Alcohol	59	7.201	7.233	(0.822)	2215509	40.0000	38
26 Methyl tert-Butyl Ether	73	7.382	7.398	(0.842)	4356799	40.0000	42 (A)
27 trans-1,2-Dichloroethene	61	7.409	7.409	(0.845)	2362725	40.0000	41 (A)
28 n-Hexane	57	7.644	7.644	(0.872)	2397172	40.0000	44 (A)
29 1,1-Dichloroethane	63	7.927	7.927	(0.904)	2935567	40.0000	42 (A)
30 Methyl Ethyl Ketone	72	8.519	8.525	(0.972)	674407	40.0000	43 (AQ)
31 cis-1,2-Dichloroethene	96	8.524	8.525	(0.973)	1648096	40.0000	42 (A)
* 32 Bromochloromethane	128	8.765	8.765	(1.000)	337844	10.0000	
33 Tetrahydrofuran	42	8.781	8.791	(0.912)	1521559	40.0000	44 (A)
34 Chloroform	83	8.797	8.797	(1.004)	3508742	40.0000	40 (A)
35 1,1,1-Trichloroethane	97	8.983	8.983	(0.933)	4074212	40.0000	44 (A)
36 Cyclohexane	84	8.999	8.999	(0.935)	2372414	40.0000	47 (A)
37 Carbon Tetrachloride	117	9.117	9.117	(0.947)	4285333	40.0000	44 (A)
38 2,2,4-Trimethylpentane	57	9.277	9.277	(0.964)	7750100	40.0000	46 (A)
M 40 1,2-Dichloroethene (total)	61				4010821	80.0000	84
39 Benzene	78	9.314	9.314	(0.968)	4803556	40.0000	44 (A)
41 1,2-Dichloroethane	62	9.368	9.362	(0.973)	2680279	40.0000	43 (A)
42 n-Heptane	43	9.416	9.416	(0.978)	2947082	40.0000	45 (A)
* 43 1,4-Difluorobenzene	114	9.624	9.619	(1.000)	1888887	10.0000	
44 1-Butanol	56	9.715	9.731	(1.009)	566318	40.0000	42 (A)
45 Trichloroethene	95	9.853	9.853	(1.024)	2278465	40.0000	45 (A)
46 Methyl Methacrylate	69	10.072	10.072	(1.047)	1613228	40.0000	51 (A)
47 1,2-Dichloropropane	63	10.083	10.078	(1.048)	1783041	40.0000	45 (A)
48 1,4-Dioxane	88	10.152	10.168	(1.055)	450400	40.0000	39
49 Dibromomethane	174	10.195	10.195	(1.059)	2281403	40.0000	46 (A)
50 Bromodichloromethane	83	10.280	10.275	(1.068)	3997822	40.0000	46 (A)
51 cis-1,3-Dichloropropene	75	10.633	10.633	(1.105)	2881651	40.0000	45 (A)
52 Methyl Isobutyl Ketone	43	10.718	10.729	(1.114)	3012041	40.0000	46 (A)
53 n-Octane	43	10.841	10.841	(1.126)	4129536	40.0000	46 (A)
54 Toluene	92	10.894	10.894	(0.907)	3583316	40.0000	40 (A)
55 trans-1,3-Dichloropropene	75	11.070	11.065	(1.150)	2976907	40.0000	48 (A)
56 1,1,2-Trichloroethane	83	11.230	11.230	(0.935)	1642861	40.0000	41 (A)
57 Tetrachloroethene	166	11.326	11.326	(0.943)	3629495	40.0000	42 (A)
58 Methyl Butyl Ketone	43	11.369	11.380	(0.946)	2869988	40.0000	44 (A)
59 Dibromochloromethane	129	11.556	11.556	(0.962)	4087401	40.0000	44 (A)
60 1,2-Dibromoethane	107	11.689	11.689	(0.973)	3124052	40.0000	41 (A)
84 Nonane	57	12.026	12.026	(1.001)	4024690	40.0000	45 (A)
* 61 Chlorobenzene-d5	117	12.015	12.015	(1.000)	1957767	10.0000	

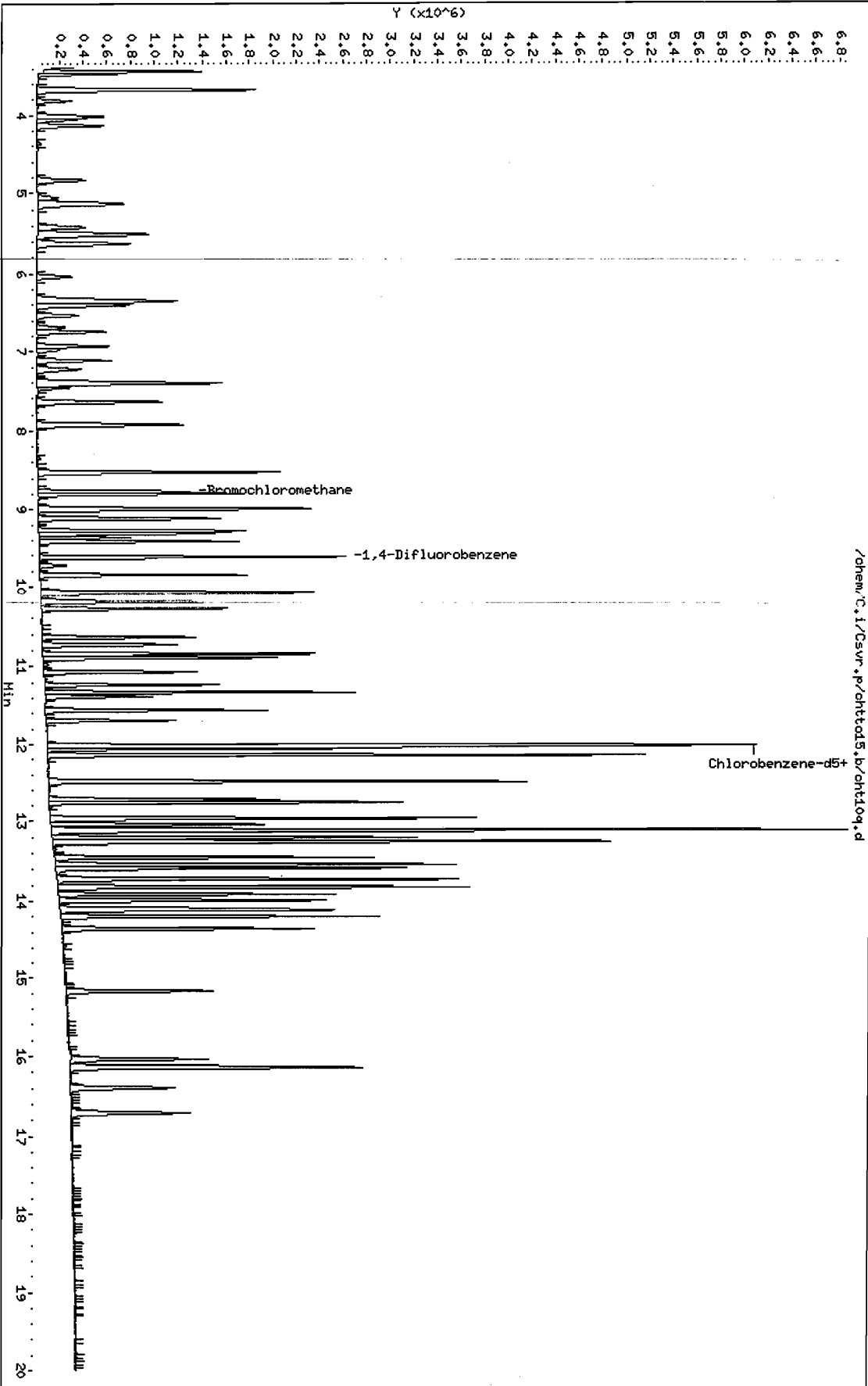
Compounds	QUANT SIG				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ppbv)	ON-COL (ppbv)
62 Chlorobenzene	112	12.036	12.036	(1.002)	5461178	40.0000	43 (A)
63 Ethylbenzene	91	12.063	12.063	(1.004)	7955187	40.0000	43 (A)
64 Xylene (m,p)	106	12.148	12.148	(1.011)	6616670	80.0000	93 (A)
65 Xylene (o)	106	12.490	12.485	(1.040)	3182113	40.0000	46 (A)
66 Styrene	104	12.501	12.495	(1.040)	4994242	40.0000	51 (A)
67 Bromoform	173	12.725	12.725	(1.059)	4240012	40.0000	46 (A)
68 Cumene	105	12.762	12.762	(1.062)	8798901	40.0000	44 (A)
69 1,1,2,2-Tetrachloroethane	83	13.040	13.040	(1.085)	4015029	40.0000	44 (A)
M 70 Xylene (total)	106				9798783	40.0000	140 (A)
71 n-Decane	57	13.109	13.109	(1.091)	4763135	40.0000	50 (A)
72 n-Propylbenzene	91	13.114	13.114	(1.091)	11245183	40.0000	48 (A)
73 1,2,3-Trichloropropane	75	13.125	13.125	(1.092)	3734303	40.0000	45 (A)
74 4-Ethyltoluene	105	13.205	13.205	(1.099)	8845229	40.0000	46 (A)
75 1,3,5-Trimethylbenzene	105	13.248	13.248	(1.103)	8032152	40.0000	49 (A)
76 2-Chlorotoluene	91	13.258	13.258	(1.103)	7613244	40.0000	44 (A)
77 a-Methylstyrene	118	13.456	13.450	(1.120)	3729233	40.0000	53 (A)
78 Tert-Butylbenzene	119	13.541	13.536	(1.127)	7362004	40.0000	45 (A)
79 1,2,4-Trimethylbenzene	105	13.584	13.584	(1.131)	7265500	40.0000	47 (A)
80 Sec-Butylbenzene	105	13.723	13.723	(1.142)	10131613	40.0000	46 (A)
81 4-Isopropyltoluene	119	13.824	13.824	(1.151)	8925127	40.0000	47 (A)
82 1,3-Dichlorobenzene	146	13.915	13.915	(1.158)	4778059	40.0000	44 (A)
83 1,4-Dichlorobenzene	146	13.995	13.989	(1.165)	4613143	40.0000	44 (A)
85 n-Undecane	57	14.118	14.118	(1.175)	3975654	40.0000	51 (A)
86 Benzyl Chloride	91	14.096	14.096	(1.173)	6188638	40.0000	51 (A)
87 n-Butylbenzene	91	14.198	14.198	(1.182)	7359765	40.0000	49 (A)
88 1,2-Dichlorobenzene	146	14.358	14.358	(1.195)	4508537	40.0000	43 (A)
89 n-Dodecane	57	15.164	15.169	(1.262)	1914772	40.0000	41 (A)
90 1,2,4-Trichlorobenzene	180	16.039	16.039	(1.335)	2296278	40.0000	43 (A)
91 Hexachlorobutadiene	225	16.135	16.135	(1.343)	3366643	40.0000	41 (A)
92 Naphthalene	128	16.396	16.396	(1.365)	4000862	40.0000	44 (A)
93 1,2,3-Trichlorobenzene	180	16.711	16.711	(1.391)	1839178	40.0000	39

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- Q - Qualifier signal failed the ratio test.

Data File: /chem/C.1/Csvr.p/ohh104.5.b/ohh104.d
Date : 17-HAR-2009 23:58
Client ID: ICV031709CA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtto15.b/cht10q.d
 Lab Smp Id: ICV031709CA Client Smp ID: ICV031709CA
 Inj Date : 17-MAR-2009 23:58
 Operator : wrd Inst ID: C.i
 Smp Info :
 Misc Info : ICV;031709CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Meth Date : 24-Mar-2009 08:32 njr Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 9 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85		3.433	3.433	(0.392)	1347842	10.4152	10
2 Freon-22	51		3.470	3.470	(0.396)	764801	10.3818	10
3 1,2-Dichlorotetrafluoroethane	85		3.673	3.673	(0.419)	1357620	10.6570	11
4 Chloromethane	50		3.812	3.812	(0.435)	378961	9.94555	9.9
5 n-Butane	43		4.009	4.015	(0.457)	661817	9.96955	10
6 Vinyl Chloride	62		4.058	4.052	(0.463)	444093	10.1897	10
7 1,3-Butadiene	54		4.132	4.132	(0.471)	330171	10.9272	11
8 Methanol	31		Compound Not Detected.					
9 Bromomethane	94		4.837	4.837	(0.552)	382937	9.98434	10
10 Chloroethane	64		5.050	5.056	(0.576)	230411	10.3449	10
11 Isopentane	43		5.130	5.130	(0.585)	504901	10.5791	11
12 Bromoethene	106		5.418	5.418	(0.618)	412566	10.5809	11
13 Trichlorofluoromethane	101		5.504	5.504	(0.628)	1291460	10.4806	10
14 Pentane	43		5.621	5.621	(0.641)	737247	10.1846	10
15 Ethyl Ether	59		6.032	6.032	(0.688)	233456	10.5643	11

Compounds	QUANT SIG			CONCENTRATIONS			
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
=====	=====	==	=====	=====	=====	=====	=====
16 Acrolein	56	6.310	6.310	(0.720)	96328	8.88906	8.9
17 Freon TF	101	6.347	6.347	(0.724)	763562	11.3841	11
18 1,1-Dichloroethene	96	6.400	6.400	(0.730)	344955	11.1870	11
19 Acetone	43	6.534	6.534	(0.745)	564928	10.9333	11
20 Isopropyl Alcohol	45	6.689	6.689	(0.763)	367779	10.9722	11
21 Carbon Disulfide	76	6.742	6.742	(0.769)	976196	10.5226	11
22 3-Chloropropene	41	6.929	6.934	(0.791)	468542	10.6233	11
23 Acetonitrile	41	6.982	6.982	(0.797)	221022	10.8581	11
24 Methylene Chloride	49	7.116	7.116	(0.812)	425369	10.0274	10
25 tert-Butyl Alcohol	59	7.228	7.233	(0.825)	594571	10.7969	11
26 Methyl tert-Butyl Ether	73	7.398	7.398	(0.844)	1104421	11.2044	11
27 trans-1,2-Dichloroethene	61	7.409	7.409	(0.845)	563438	10.3535	10
28 n-Hexane	57	7.644	7.644	(0.872)	548200	10.5934	11
29 1,1-Dichloroethane	63	7.927	7.927	(0.904)	702621	10.5029	11
30 Methyl Ethyl Ketone	72	8.524	8.525	(0.973)	161784	10.8694	11
31 cis-1,2-Dichloroethene	96	8.524	8.525	(0.973)	389522	10.5343	11
* 32 Bromochloromethane	128	8.765	8.765	(1.000)	320714	10.0000	
33 Tetrahydrofuran	42	8.791	8.791	(0.914)	372919	10.6374	11
34 Chloroform	83	8.797	8.797	(1.004)	855439	10.3907	10
35 1,1,1-Trichloroethane	97	8.983	8.983	(0.934)	967789	10.1900	10
36 Cyclohexane	84	8.994	8.999	(0.935)	537046	10.4528	10
37 Carbon Tetrachloride	117	9.117	9.117	(0.948)	1030454	10.3781	10
38 2,2,4-Trimethylpentane	57	9.277	9.277	(0.964)	1766131	10.1525	10
M 40 1,2-Dichloroethene (total)	61				952960	20.8878	21
39 Benzene	78	9.314	9.314	(0.968)	1126822	10.1791	10
41 1,2-Dichloroethane	62	9.362	9.362	(0.973)	660681	10.2866	10
42 n-Heptane	43	9.416	9.416	(0.979)	676616	10.1641	10
* 43 1,4-Difluorobenzene	114	9.619	9.619	(1.000)	1936157	10.0000	
44 1-Butanol	56	9.731	9.731	(1.012)	140852	10.1375	10
45 Trichloroethene	95	9.853	9.853	(1.024)	523719	10.0771	10
46 Methyl Methacrylate	69	10.072	10.072	(1.047)	361524	11.1605	11
47 1,2-Dichloropropane	63	10.078	10.078	(1.048)	398655	9.90656	9.9
48 1,4-Dioxane	88	10.163	10.168	(1.057)	120750	10.1518	10
49 Dibromomethane	174	10.195	10.195	(1.060)	525360	10.3500	10
50 Bromodichloromethane	83	10.275	10.275	(1.068)	968789	10.8111	11
51 cis-1,3-Dichloropropene	75	10.633	10.633	(1.105)	651246	10.0240	10
52 Methyl Isobutyl Ketone	43	10.729	10.729	(1.115)	755359	11.2414	11
53 n-Octane	43	10.841	10.841	(1.127)	932653	10.1105	10
54 Toluene	92	10.894	10.894	(0.907)	805289	10.0449	10
55 trans-1,3-Dichloropropene	75	11.065	11.065	(1.150)	659747	10.3486	10
56 1,1,2-Trichloroethane	83	11.230	11.230	(0.935)	358544	9.94828	9.9
57 Tetrachloroethene	166	11.326	11.326	(0.943)	792276	10.1292	10
58 Methyl Butyl Ketone	43	11.380	11.380	(0.947)	682263	11.5688	12
59 Dibromochloromethane	129	11.556	11.556	(0.962)	942466	11.2154	11
60 1,2-Dibromoethane	107	11.689	11.689	(0.973)	687354	10.0726	10
84 Nonane	57	12.026	12.026	(1.001)	867328	10.7447	11
* 61 Chlorobenzene-d5	117	12.015	12.015	(1.000)	1755631	10.0000	

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
62 Chlorobenzene	112	12.036	12.036	(1.002)	1141117	10.0383	10
63 Ethylbenzene	91	12.063	12.063	(1.004)	1797555	10.9258	11
64 Xylene (m,p)	106	12.148	12.148	(1.011)	1393742	21.9060	22
65 Xylene (o)	106	12.484	12.485	(1.039)	681155	10.9212	11
66 Styrene	104	12.495	12.495	(1.040)	1018695	11.6424	12
67 Bromoform	173	12.725	12.725	(1.059)	954990	11.5957	12
68 Cumene	105	12.762	12.762	(1.062)	2114213	11.7618	12
69 1,1,2,2-Tetrachloroethane	83	13.040	13.040	(1.085)	918014	11.1493	11
M 70 Xylene (total)	106				2074897	33.2675	33
71 n-Decane	57	13.104	13.109	(1.091)	1019147	11.9888	12
72 n-Propylbenzene	91	13.114	13.114	(1.091)	2548313	12.1292	12
73 1,2,3-Trichloropropane	75	13.120	13.125	(1.092)	836504	11.1956	11
74 4-Ethyltoluene	105	13.205	13.205	(1.099)	2206955	12.7247	13
75 1,3,5-Trimethylbenzene	105	13.248	13.248	(1.103)	1793700	12.2545	12
76 2-Chlorotoluene	91	13.258	13.258	(1.103)	1785369	11.6297	12
77 a-Methylstyrene	118	13.450	13.450	(1.119)	816521	12.9677	13
78 Tert-Butylbenzene	119	13.536	13.536	(1.127)	1788373	12.2089	12
79 1,2,4-Trimethylbenzene	105	13.584	13.584	(1.131)	1681257	12.1729	12
80 Sec-Butylbenzene	105	13.723	13.723	(1.142)	2487164	12.5051	13
81 4-Isopropyltoluene	119	13.824	13.824	(1.151)	2158254	12.7999	13
82 1,3-Dichlorobenzene	146	13.909	13.915	(1.158)	1028557	10.5820	11
83 1,4-Dichlorobenzene	146	13.989	13.989	(1.164)	984684	10.5912	11
85 n-Undecane	57	14.118	14.118	(1.175)	743878	10.5571	11
86 Benzyl Chloride	91	14.096	14.096	(1.173)	1201864	10.9466	11
87 n-Butylbenzene	91	14.198	14.198	(1.182)	1659002	12.3681	12
88 1,2-Dichlorobenzene	146	14.352	14.358	(1.195)	976040	10.3554	10
89 n-Dodecane	57	15.164	15.169	(1.262)	519833	12.3375	12
90 1,2,4-Trichlorobenzene	180	16.039	16.039	(1.335)	536011	11.2680	11
91 Hexachlorobutadiene	225	16.135	16.135	(1.343)	766658	10.5150	11
92 Naphthalene	128	16.396	16.396	(1.365)	999643	12.3853	12
93 1,2,3-Trichlorobenzene	180	16.711	16.711	(1.391)	493511	11.5548	12

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: chtto15
 Sample Matrix: GAS Fraction: VOA
 Lab Smp Id: ICV031709CA Client Smp ID: ICV031709CA
 Level: LOW Operator: wrd
 Data Type: MS DATA SampleType: LCS
 SpikeList File: all.spk Quant Type: ISTD
 Sublist File: all.sub
 Method File: /chem/C.i/Csvr.p/chtto15.b/sto15.m
 Misc Info: ICV;031709CA;1;200

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
1 Dichlorodifluorome	10	10	104.15	70-130
2 Freon-22	10	10	103.82	70-130
3 1,2-Dichlorotetra	10	11	106.57	70-130
4 Chloromethane	10	9.9	99.46	70-130
5 n-Butane	10	10	99.70	70-130
6 Vinyl Chloride	10	10	101.90	70-130
7 1,3-Butadiene	10	11	109.27	70-130
8 Methanol	10	0.0	*	70-130
9 Bromomethane	10	10	99.84	70-130
10 Chloroethane	10	10	103.45	70-130
11 Isopentane	10	11	105.79	70-130
12 Bromoethene	10	11	105.81	70-130
13 Trichlorofluoromet	10	10	104.81	70-130
14 Pentane	10	10	101.85	70-130
15 Ethyl Ether	10	11	105.64	70-130
16 Acrolein	10	8.9	88.89	70-130
17 Freon TF	10	11	113.84	70-130
18 1,1-Dichloroethene	10	11	111.87	70-130
19 Acetone	10	11	109.33	70-130
20 Isopropyl Alcohol	10	11	109.72	70-130
21 Carbon Disulfide	10	11	105.23	70-130
22 3-Chloropropene	10	11	106.23	70-130
23 Acetonitrile	10	11	108.58	70-130
24 Methylene Chloride	10	10	100.27	70-130
25 tert-Butyl Alcohol	10	11	107.97	70-130
26 Methyl tert-Butyl	10	11	112.04	70-130
27 trans-1,2-Dichloro	10	10	103.54	70-130
28 n-Hexane	10	11	105.93	70-130
29 1,1-Dichloroethane	10	11	105.03	70-130
30 Methyl Ethyl Keton	10	11	108.69	70-130
31 cis-1,2-Dichloroet	10	11	105.34	70-130
33 Tetrahydrofuran	10	11	106.37	70-130
34 Chloroform	10	10	103.91	70-130

SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	35 1,1,1-Trichloroeth	10	10	101.90	70-130
	36 Cyclohexane	10	10	104.53	70-130
	37 Carbon Tetrachlori	10	10	103.78	70-130
	38 2,2,4-Trimethylpen	10	10	101.52	70-130
	39 Benzene	10	10	101.79	70-130
M	40 1,2-Dichloroethene	20	21	105.00	70-130
	41 1,2-Dichloroethane	10	10	102.87	70-130
	42 n-Heptane	10	10	101.64	70-130
	44 1-Butanol	10	10	101.37	70-130
	45 Trichloroethene	10	10	100.77	70-130
	46 Methyl Methacrylat	10	11	111.61	70-130
	47 1,2-Dichloropropan	10	9.9	99.07	70-130
	48 1,4-Dioxane	10	10	101.52	70-130
	49 Dibromomethane	10	10	103.50	70-130
	50 Bromodichlorometha	10	11	108.11	70-130
	51 cis-1,3-Dichloropr	10	10	100.24	70-130
	52 Methyl Isobutyl Ke	10	11	112.41	70-130
	53 n-Octane	10	10	101.11	70-130
	54 Toluene	10	10	100.45	70-130
	55 trans-1,3-Dichloro	10	10	103.49	70-130
	56 1,1,2-Trichloroeth	10	9.9	99.48	70-130
	57 Tetrachloroethene	10	10	101.29	70-130
	58 Methyl Butyl Keton	10	12	115.69	70-130
	59 Dibromochlorometha	10	11	112.15	70-130
	60 1,2-Dibromoethane	10	10	100.73	70-130
	62 Chlorobenzene	10	10	100.38	70-130
	63 Ethylbenzene	10	11	109.26	70-130
	64 Xylene (m,p)	20	22	109.53	70-130
	65 Xylene (o)	10	11	109.21	70-130
	66 Styrene	10	12	116.42	70-130
	67 Bromoform	10	12	115.96	70-130
	68 Cumene	10	12	117.62	70-130
	69 1,1,2,2-Tetrachlor	10	11	111.49	70-130
M	70 Xylene (total)	30	33	110.89	70-130
	71 n-Decane	10	12	119.89	70-130
	72 n-Propylbenzene	10	12	121.29	70-130
	73 1,2,3-Trichloropro	10	11	111.96	70-130
	74 4-Ethyltoluene	10	13	127.25	70-130
	75 1,3,5-Trimethylben	10	12	122.54	70-130
	76 2-Chlorotoluene	10	12	116.30	70-130
	77 a-Methylstyrene	10	13	129.68	70-130
	78 Tert-Butylbenzene	10	12	122.09	70-130
	79 1,2,4-Trimethylben	10	12	121.73	70-130
	80 Sec-Butylbenzene	10	13	125.05	70-130
	81 4-Isopropyltoluene	10	13	128.00	70-130
	82 1,3-Dichlorobenzen	10	11	105.82	70-130
	83 1,4-Dichlorobenzen	10	11	105.91	70-130

SPIKE COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
84 Nonane	10	11	107.45	70-130
85 n-Undecane	10	11	105.57	70-130
86 Benzyl Chloride	10	11	109.47	70-130
87 n-Butylbenzene	10	12	123.68	70-130
88 1,2-Dichlorobenzen	10	10	103.55	70-130
89 n-Dodecane	10	12	123.38	70-130
90 1,2,4-Trichloroben	10	11	112.68	70-130
91 Hexachlorobutadien	10	11	105.15	70-130
92 Naphthalene	10	12	123.85	70-130
93 1,2,3-Trichloroben	10	12	115.55	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Instrument ID: C Calibration Date: 03/30/09 Time: 1922
 Lab File ID: CHT10MV Init. Calib. Date(s): 03/17/09 03/17/09
 Heated Purge: (Y/N) N Init. Calib. Times: 1746 2225
 GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	4.035	3.790	0.01	6.1	30.0
1,2-Dichlorotetrafluoroethane	3.972	3.781	0.01	4.8	30.0
Chloromethane	1.188	1.151	0.01	3.1	30.0
Vinyl Chloride	1.359	1.324	0.01	2.6	30.0
1,3-Butadiene	0.942	0.957	0.01	1.6	30.0
Bromomethane	1.196	1.220	0.01	2.0	30.0
Chloroethane	0.694	0.741	0.01	6.8	30.0
Bromoethene	1.216	1.264	0.01	3.9	30.0
Trichlorofluoromethane	3.842	3.776	0.01	1.7	30.0
Freon TF	2.091	2.289	0.01	9.5	30.0
1,1-Dichloroethene	0.961	1.046	0.01	8.8	30.0
Acetone	1.611	1.716	0.01	6.5	30.0
Isopropyl Alcohol	1.045	1.053	0.01	0.8	30.0
Carbon Disulfide	2.893	3.197	0.01	10.5	30.0
3-Chloropropene	1.375	1.566	0.01	13.9	30.0
Methylene Chloride	1.323	1.298	0.01	1.9	30.0
tert-Butyl Alcohol	1.717	1.701	0.01	0.9	30.0
Methyl tert-Butyl Ether	3.074	3.175	0.01	3.3	30.0
trans-1,2-Dichloroethene	1.697	1.816	0.01	7.0	30.0
n-Hexane	1.614	1.823	0.01	12.9	30.0
1,1-Dichloroethane	2.086	2.244	0.1	7.6	30.0
Methyl Ethyl Ketone	0.464	0.469	0.01	1.1	30.0
cis-1,2-Dichloroethene	1.153	1.238	0.01	7.4	30.0
Tetrahydrofuran	0.181	0.177	0.01	2.2	30.0
Chloroform	2.567	2.641	0.01	2.9	30.0
1,1,1-Trichloroethane	0.491	0.468	0.01	4.7	30.0
Cyclohexane	0.265	0.280	0.01	5.7	30.0
Carbon Tetrachloride	0.513	0.485	0.01	5.4	30.0
2,2,4-Trimethylpentane	0.898	0.937	0.01	4.3	30.0
Benzene	0.572	0.608	0.01	6.3	30.0
1,2-Dichloroethene (total)	1.425	1.527	0.01	7.2	30.0
1,2-Dichloroethane	0.332	0.329	0.01	0.9	30.0
n-Heptane	0.344	0.359	0.01	4.4	30.0
Trichloroethene	0.268	0.278	0.01	3.7	30.0
1,2-Dichloropropane	0.208	0.215	0.01	3.4	30.0
1,4-Dioxane	0.062	0.058	0.01	6.4	30.0
Bromodichloromethane	0.463	0.473	0.01	2.2	30.0

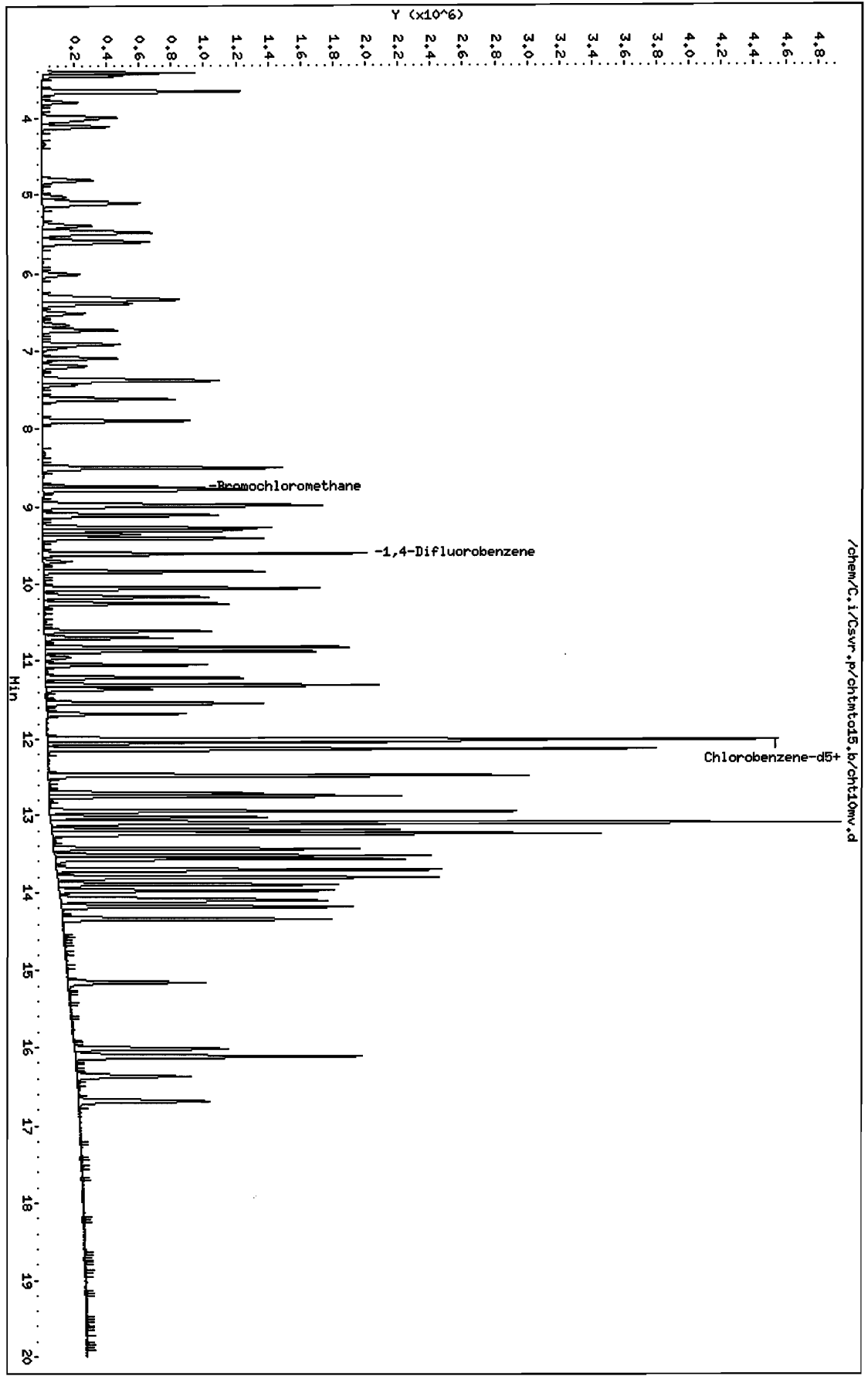
FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 29000
 Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926
 Instrument ID: C Calibration Date: 03/30/09 Time: 1922
 Lab File ID: CHT10MV Init. Calib. Date(s): 03/17/09 03/17/09
 Heated Purge: (Y/N) N Init. Calib. Times: 1746 2225
 GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	RRF	RRF10	MIN RRF	%D	MAX %D
=====	=====	=====	=====	=====	=====
cis-1,3-Dichloropropene	0.335	0.348	0.01	3.9	30.0
Methyl Isobutyl Ketone	0.347	0.340	0.01	2.0	30.0
Toluene	0.457	0.494	0.01	8.1	30.0
trans-1,3-Dichloropropene	0.329	0.332	0.01	0.9	30.0
1,1,2-Trichloroethane	0.205	0.216	0.01	5.4	30.0
Tetrachloroethene	0.445	0.444	0.01	0.2	30.0
Methyl Butyl Ketone	0.336	0.335	0.01	0.3	30.0
Dibromochloromethane	0.479	0.484	0.01	1.0	30.0
1,2-Dibromoethane	0.388	0.400	0.01	3.1	30.0
Chlorobenzene	0.647	0.650	0.3	0.5	30.0
Ethylbenzene	0.937	0.963	0.01	2.8	30.0
Xylene (m,p)	0.362	0.374	0.01	3.3	30.0
Xylene (o)	0.355	0.368	0.01	3.7	30.0
Styrene	0.498	0.544	0.01	9.2	30.0
Bromoform	0.469	0.467	0.01	0.4	30.0
1,1,2,2-Tetrachloroethane	0.469	0.497	0.01	6.0	30.0
Xylene (total)	0.355	0.368	0.01	3.7	30.0
4-Ethyltoluene	0.988	1.079	0.01	9.2	30.0
1,3,5-Trimethylbenzene	0.834	0.933	0.01	11.9	30.0
2-Chlorotoluene	0.874	0.906	0.01	3.7	30.0
1,2,4-Trimethylbenzene	0.787	0.882	0.01	12.1	30.0
1,3-Dichlorobenzene	0.554	0.559	0.01	0.9	30.0
1,4-Dichlorobenzene	0.530	0.530	0.01	0.0	30.0
1,2-Dichlorobenzene	0.537	0.544	0.01	1.3	30.0
1,2,4-Trichlorobenzene	0.271	0.307	0.01	13.3	30.0
Hexachlorobutadiene	0.415	0.390	0.01	6.0	30.0

Data File: /chem/C.i/Csvr.p/chtbl015.b/chtl0w.d
Date: 30-HAR-2009 19:22
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/cht10mv.d
 Lab Smp Id: ASTD010 Client Smp ID: ASTD010
 Inj Date : 30-MAR-2009 19:22
 Operator : pad Inst ID: C.i
 Smp Info :
 Misc Info : ASTD010;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 5 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.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		3.422	3.433	(0.391)	918796	10.0000	9.4
3 1,2-Dichlorotetrafluoroethane	85		3.657	3.673	(0.418)	916635	10.0000	9.5
4 Chloromethane	50		3.796	3.812	(0.434)	279081	10.0000	9.7
6 Vinyl Chloride	62		4.036	4.052	(0.462)	321023	10.0000	9.7
7 1,3-Butadiene	54		4.116	4.132	(0.471)	232107	10.0000	10
9 Bromomethane	94		4.815	4.837	(0.551)	295864	10.0000	10
10 Chloroethane	64		5.034	5.056	(0.576)	179724	10.0000	11
12 Bromoethene	106		5.397	5.418	(0.617)	306487	10.0000	10
13 Trichlorofluoromethane	101		5.482	5.504	(0.627)	915269	10.0000	9.8
17 Freon TF	101		6.326	6.347	(0.723)	554818	10.0000	11
18 1,1-Dichloroethene	96		6.379	6.400	(0.730)	253678	10.0000	11
19 Acetone	43		6.507	6.534	(0.744)	416070	10.0000	11
20 Isopropyl Alcohol	45		6.657	6.689	(0.761)	255279	10.0000	10
21 Carbon Disulfide	76		6.721	6.742	(0.769)	775055	10.0000	11
22 3-Chloropropene	41		6.907	6.934	(0.790)	379558	10.0000	11

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
						CAL-AMT (ppbv)	ON-COL (ppbv)
24 Methylene Chloride	49	7.094	7.116	(0.811)	314772	10.0000	9.8
25 tert-Butyl Alcohol	59	7.196	7.233	(0.823)	412464	10.0000	9.9
26 Methyl tert-Butyl Ether	73	7.372	7.398	(0.843)	769660	10.0000	10
27 trans-1,2-Dichloroethene	61	7.388	7.409	(0.845)	440336	10.0000	11
28 n-Hexane	57	7.628	7.644	(0.872)	441926	10.0000	11
29 1,1-Dichloroethane	63	7.905	7.927	(0.904)	543951	10.0000	11
30 Methyl Ethyl Ketone	72	8.498	8.525	(0.972)	113787	10.0000	10(Q)
31 cis-1,2-Dichloroethene	96	8.503	8.525	(0.973)	300088	10.0000	11
* 32 Bromochloromethane	128	8.743	8.765	(1.000)	242417	10.0000	
33 Tetrahydrofuran	42	8.770	8.791	(0.913)	267437	10.0000	9.8
34 Chloroform	83	8.781	8.797	(1.004)	640332	10.0000	10
35 1,1,1-Trichloroethane	97	8.967	8.983	(0.934)	707586	10.0000	9.6
36 Cyclohexane	84	8.983	8.999	(0.936)	423539	10.0000	11
37 Carbon Tetrachloride	117	9.096	9.117	(0.947)	733043	10.0000	9.5
38 2,2,4-Trimethylpentane	57	9.261	9.277	(0.964)	1415422	10.0000	10
39 Benzene	78	9.298	9.314	(0.968)	918542	10.0000	11
M 40 1,2-Dichloroethene (total)	61				740424	20.0000	21
41 1,2-Dichloroethane	62	9.346	9.362	(0.973)	496297	10.0000	9.9
42 n-Heptane	43	9.400	9.416	(0.979)	542761	10.0000	10
* 43 1,4-Difluorobenzene	114	9.603	9.619	(1.000)	1510032	10.0000	
45 Trichloroethene	95	9.837	9.853	(1.024)	420245	10.0000	10
47 1,2-Dichloropropane	63	10.062	10.078	(1.048)	325165	10.0000	10
48 1,4-Dioxane	88	10.147	10.168	(1.057)	87883	10.0000	9.5
50 Bromodichloromethane	83	10.259	10.275	(1.068)	713852	10.0000	10
51 cis-1,3-Dichloropropene	75	10.617	10.633	(1.106)	525499	10.0000	10
52 Methyl Isobutyl Ketone	43	10.707	10.729	(1.115)	513231	10.0000	9.8
54 Toluene	92	10.878	10.894	(0.907)	691063	10.0000	11
55 trans-1,3-Dichloropropene	75	11.049	11.065	(1.151)	502136	10.0000	10
56 1,1,2-Trichloroethane	83	11.214	11.230	(0.935)	302995	10.0000	11
57 Tetrachloroethene	166	11.310	11.326	(0.943)	621718	10.0000	10
58 Methyl Butyl Ketone	43	11.358	11.380	(0.947)	468746	10.0000	10
59 Dibromochloromethane	129	11.540	11.556	(0.962)	677778	10.0000	10
60 1,2-Dibromoethane	107	11.673	11.689	(0.973)	560216	10.0000	10
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1399401	10.0000	
62 Chlorobenzene	112	12.020	12.036	(1.002)	909059	10.0000	10
63 Ethylbenzene	91	12.047	12.063	(1.004)	1347097	10.0000	10
64 Xylene (m,p)	106	12.132	12.148	(1.011)	1046802	20.0000	21
65 Xylene (o)	106	12.474	12.485	(1.040)	515296	10.0000	10
66 Styrene	104	12.484	12.495	(1.040)	760837	10.0000	11
67 Bromoform	173	12.703	12.725	(1.059)	653031	10.0000	9.9
69 1,1,2,2-Tetrachloroethane	83	13.023	13.040	(1.085)	695263	10.0000	11
M 70 Xylene (total)	106				1562098	10.0000	31
74 4-Ethyltoluene	105	13.189	13.205	(1.099)	1509524	10.0000	11
75 1,3,5-Trimethylbenzene	105	13.232	13.248	(1.103)	1306318	10.0000	11
76 2-Chlorotoluene	91	13.242	13.258	(1.104)	1267238	10.0000	10
79 1,2,4-Trimethylbenzene	105	13.568	13.584	(1.131)	1235099	10.0000	11
82 1,3-Dichlorobenzene	146	13.899	13.915	(1.158)	782364	10.0000	10

Compounds	QUANT SIG		AMOUNTS				
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ppbv)	ON-COL (ppbv)
83 1,4-Dichlorobenzene	146	13.973	13.989	(1.165)	741290	10.0000	10
88 1,2-Dichlorobenzene	146	14.336	14.358	(1.195)	760790	10.0000	10
90 1,2,4-Trichlorobenzene	180	16.017	16.039	(1.335)	429210	10.0000	11
91 Hexachlorobutadiene	225	16.114	16.135	(1.343)	546373	10.0000	9.4

QC Flag Legend

Q - Qualifier signal failed the ratio test.



Raw QC Data – TO-15 Volatile

Data File: /chem/C.i/Csvr.p/chtto15.b/cht01pv.d

Page 2

Date : 17-MAR-2009 16:16

Client ID: VBFB

Instrument: C.i

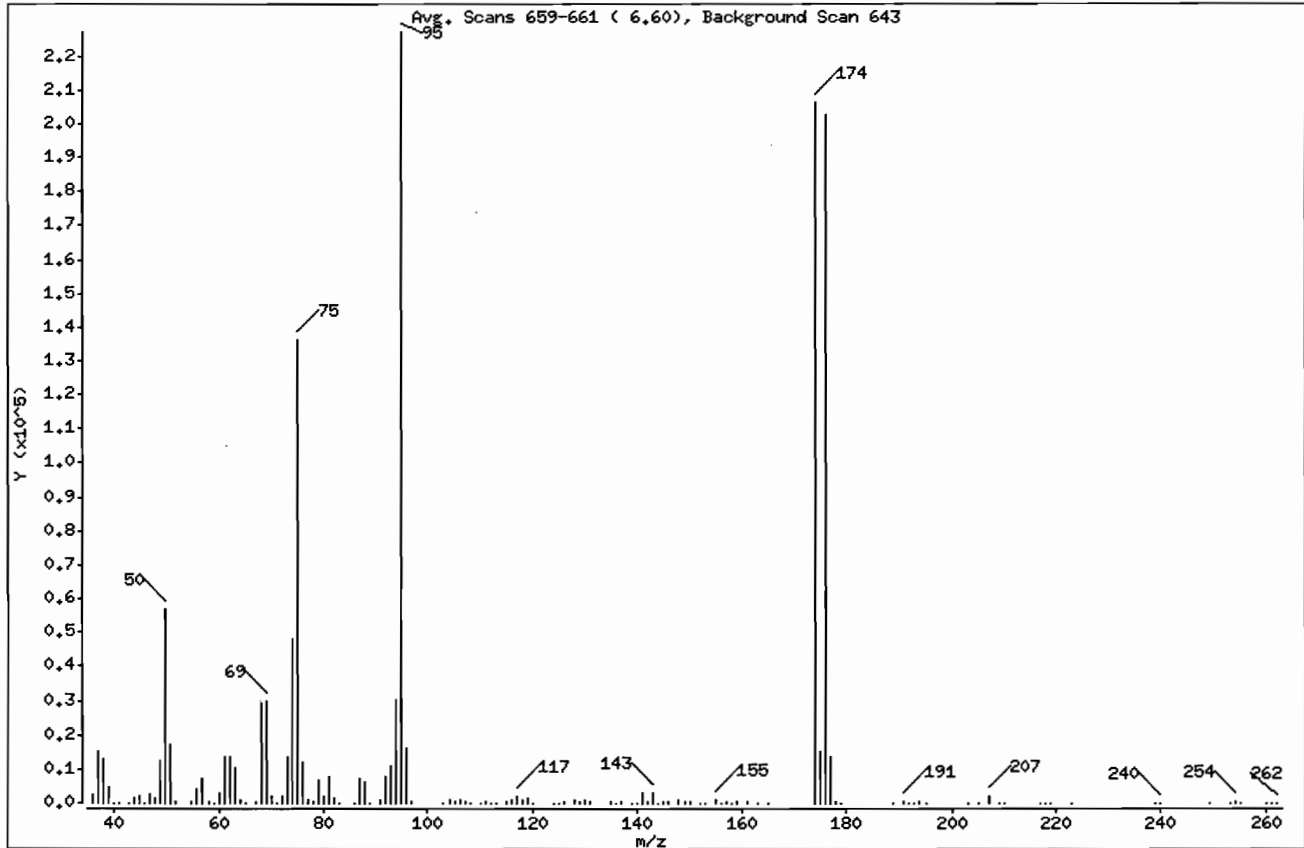
Sample Info: VBFB

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	24.94
75	30.00 - 66.00% of mass 95	60.09
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	90.75
175	4.00 - 9.00% of mass 174	6.66 (7.34)
176	93.00 - 101.00% of mass 174	89.19 (98.28)
177	5.00 - 9.00% of mass 176	5.97 (6.69)

Date : 17-MAR-2009 16:16

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: cht01pv.d

Spectrum: Avg. Scans 659-661 (6.60), Background Scan 643

Location of Maximum: 95.00

Number of points: 132

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2765	74.00	48216	118.00	1204	174.00	206144
37.00	15395	75.00	136448	119.00	1381	175.00	15131
38.00	12835	76.00	12216	120.00	78	176.00	202560
39.00	4669	77.00	1179	124.00	199	177.00	13559
40.00	251	78.00	724	125.00	74	178.00	643
41.00	59	79.00	6832	126.00	444	179.00	9
43.00	166	80.00	2037	128.00	1013	189.00	73
44.00	1661	81.00	7812	129.00	482	191.00	540
45.00	2091	82.00	1543	130.00	1024	192.00	115
46.00	127	83.00	212	131.00	444	193.00	203
47.00	2615	86.00	92	135.00	343	194.00	279
48.00	1783	87.00	7182	136.00	255	195.00	30
49.00	12318	88.00	6452	137.00	634	203.00	162
50.00	56656	89.00	253	139.00	111	205.00	213
51.00	17144	91.00	834	140.00	214	207.00	2014
52.00	757	92.00	8035	141.00	3219	209.00	153
55.00	705	93.00	11156	142.00	484	210.00	172
56.00	4306	94.00	30160	143.00	3306	217.00	70
57.00	7382	95.00	227136	144.00	112	218.00	198
58.00	415	96.00	16135	145.00	370	219.00	90
59.00	112	97.00	361	146.00	425	223.00	72
60.00	2872	103.00	194	148.00	891	239.00	60
61.00	13816	104.00	1147	149.00	398	240.00	68
62.00	13823	105.00	285	150.00	388	249.00	119
63.00	10229	106.00	1100	152.00	183	253.00	30
64.00	1002	107.00	356	153.00	248	254.00	419
65.00	90	108.00	71	155.00	808	255.00	217
67.00	758	110.00	84	156.00	51	260.00	184
68.00	29152	111.00	287	157.00	265	261.00	75
69.00	29568	112.00	172	158.00	100	262.00	30
70.00	2042	113.00	166	159.00	459		
71.00	67	115.00	595	161.00	283		
72.00	1889	116.00	1162	163.00	8		
73.00	13363	117.00	1867	165.00	19		

Data File: /chem/C.i/Csvr.p/chtto15.b/cht01pv.d

Page 1

Date : 17-MAR-2009 16:16

Client ID: VBFB

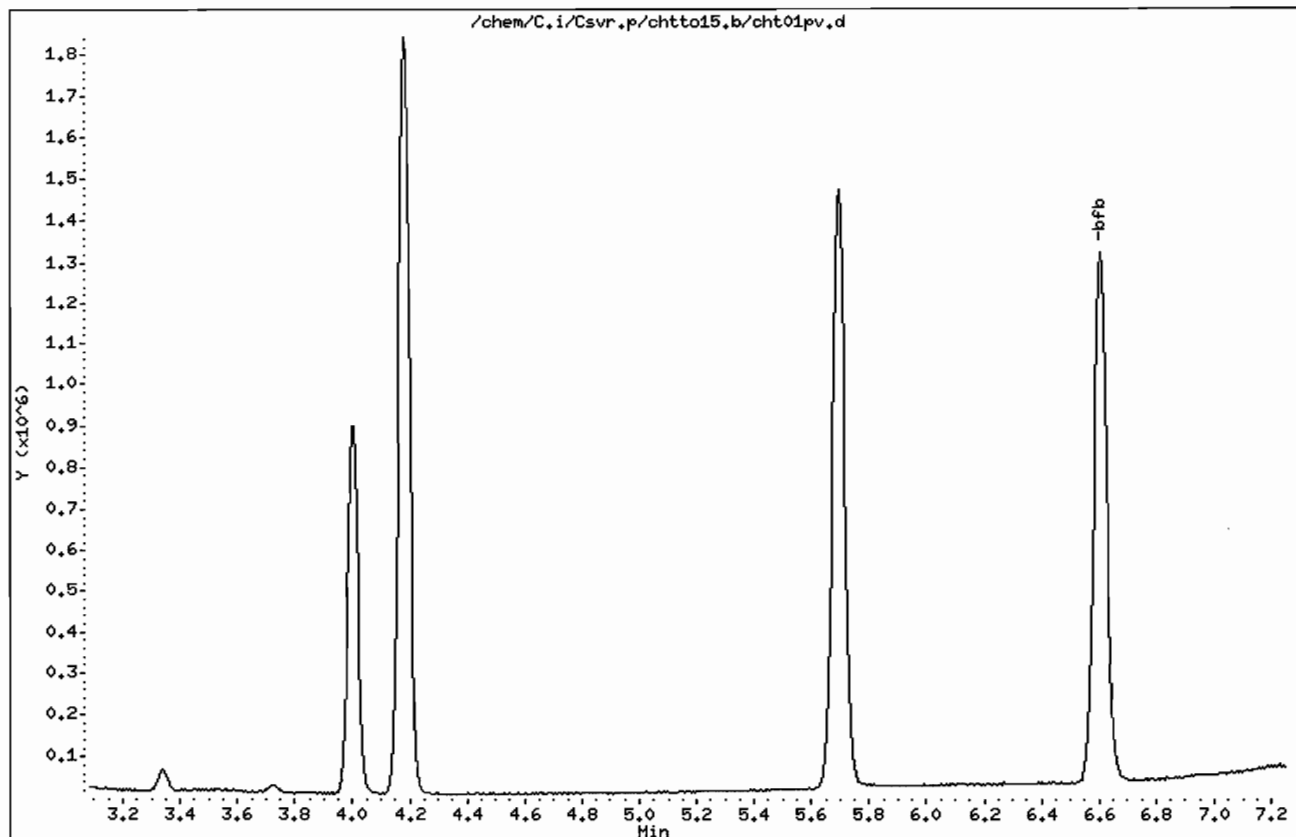
Instrument: C.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



Date : 30-MAR-2009 18:51

Client ID: VBFB

Instrument: C.i

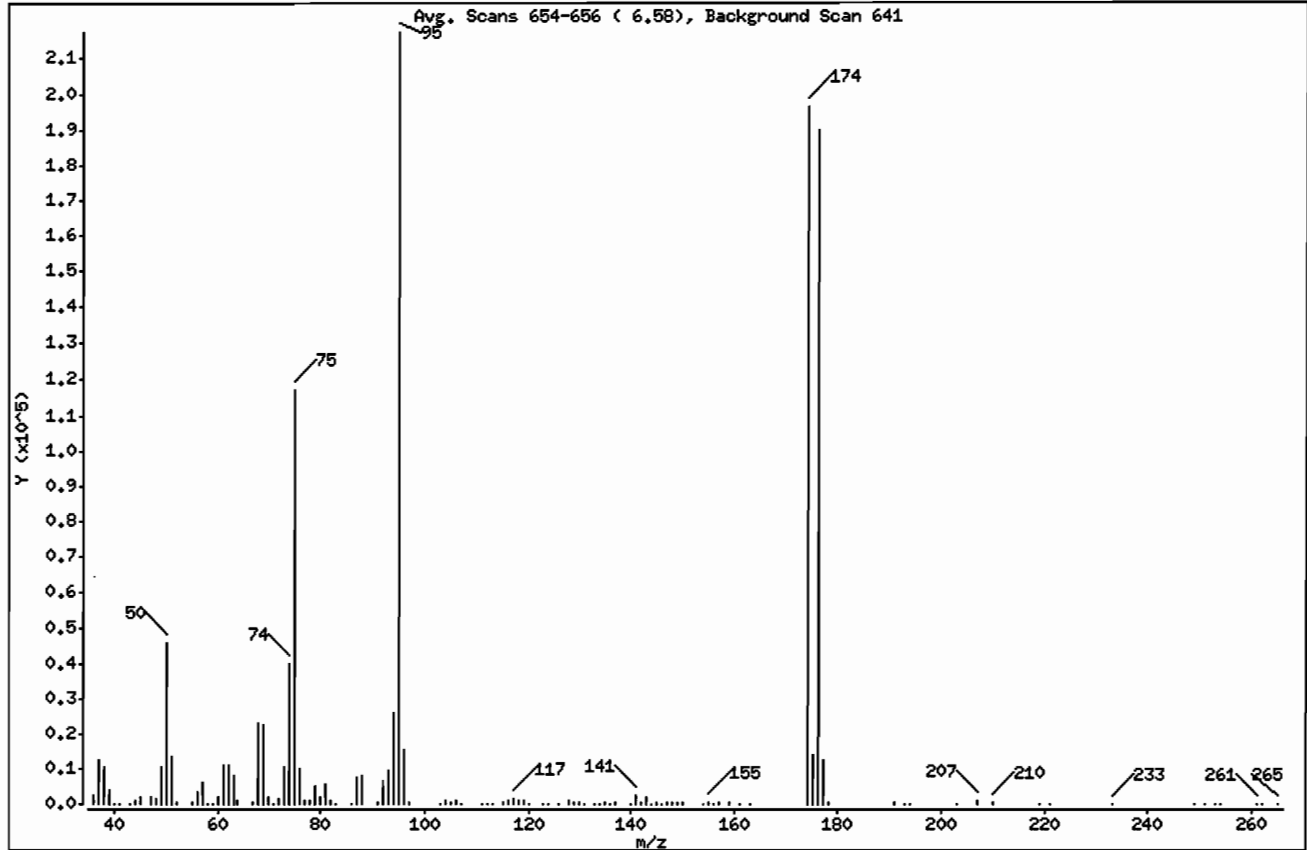
Sample Info: VBFB

Operator: pad

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	21.05
75	30.00 - 66.00% of mass 95	54.05
96	5.00 - 9.00% of mass 95	7.07
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	90.49
175	4.00 - 9.00% of mass 174	6.55 (7.24)
176	93.00 - 101.00% of mass 174	87.50 (96.69)
177	5.00 - 9.00% of mass 176	5.86 (6.69)

Date : 30-MAR-2009 18:51

Client ID: VBFB

Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0.32

Data File: cht14pv.d
 Spectrum: Avg. Scans 654-656 (6.58), Background Scan 641
 Location of Maximum: 95.00
 Number of points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2388	72.00	1395	115.00	345	155.00	591
37.00	12442	73.00	10444	116.00	755	156.00	178
38.00	10293	74.00	39672	117.00	1385	157.00	460
39.00	4056	75.00	117320	118.00	849	159.00	291
40.00	86	76.00	9990	119.00	1025	161.00	79
41.00	24	77.00	1114	120.00	68	163.00	60
43.00	145	78.00	942	123.00	70	174.00	196416
44.00	1222	79.00	4969	124.00	169	175.00	14213
45.00	2082	80.00	1923	126.00	164	176.00	189888
47.00	2003	81.00	5452	128.00	852	177.00	12711
48.00	1485	82.00	916	129.00	425	178.00	574
49.00	10389	83.00	77	130.00	709	191.00	367
50.00	45696	86.00	184	131.00	146	193.00	88
51.00	13694	87.00	7668	133.00	29	194.00	238
52.00	716	88.00	7860	134.00	57	203.00	87
55.00	643	91.00	507	135.00	598	207.00	917
56.00	3399	92.00	6622	136.00	82	210.00	265
57.00	6001	93.00	9241	137.00	464	219.00	123
58.00	197	94.00	25856	140.00	181	221.00	77
59.00	194	95.00	217024	141.00	2399	233.00	78
60.00	2211	96.00	15356	142.00	330	249.00	157
61.00	11182	97.00	446	143.00	2227	251.00	145
62.00	11006	103.00	137	144.00	158	253.00	134
63.00	7777	104.00	886	145.00	333	254.00	159
64.00	790	105.00	408	146.00	209	261.00	231
67.00	511	106.00	965	147.00	295	262.00	172
68.00	23016	107.00	119	148.00	610	265.00	93
69.00	22528	111.00	142	149.00	357		
70.00	1932	112.00	76	150.00	291		
71.00	152	113.00	84	154.00	105		

Data File: /chem/C.i/Csvr,p/chtmt015,b/cht14pv,d

Page 2

Date : 30-MAR-2009 18:51

Client ID: VBFB

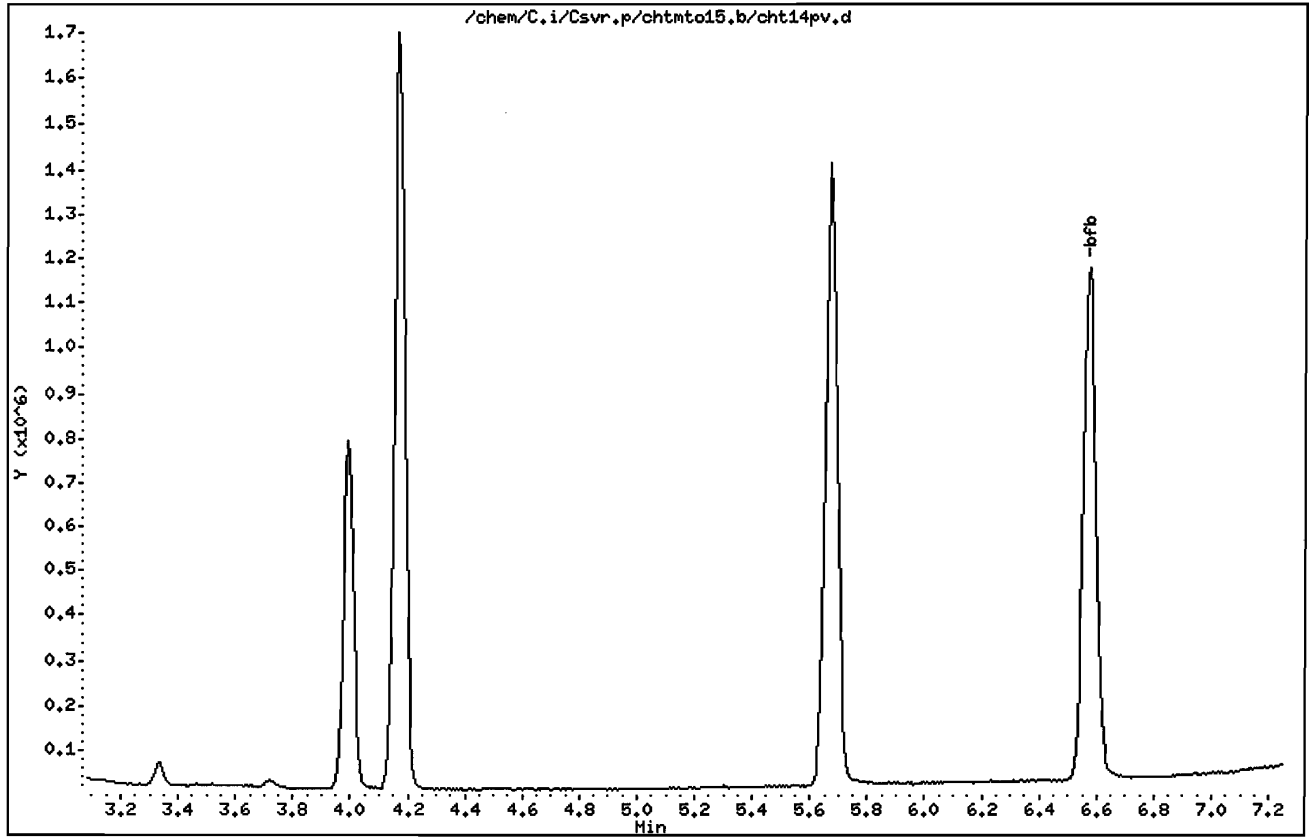
Instrument: C.i

Sample Info: VBFB

Operator: pad

Column phase: RTX-624

Column diameter: 0,32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK033009CA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: MBLK033009CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CHTB01M

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/30/09

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
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
540-59-0-----	1,2-Dichloroethene (total)	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.

MBLK033009CA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: MBLK033009CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CHTB01M

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/30/09

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
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
1330-20-7	Xylene (total)	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U
95-49-8	2-Chlorotoluene	0.20	U
95-63-6	1,2,4-Trimethylbenzene	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U
95-50-1	1,2-Dichlorobenzene	0.20	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MBLK033009CA

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: MBLK033009CA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CHTB01M

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/30/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

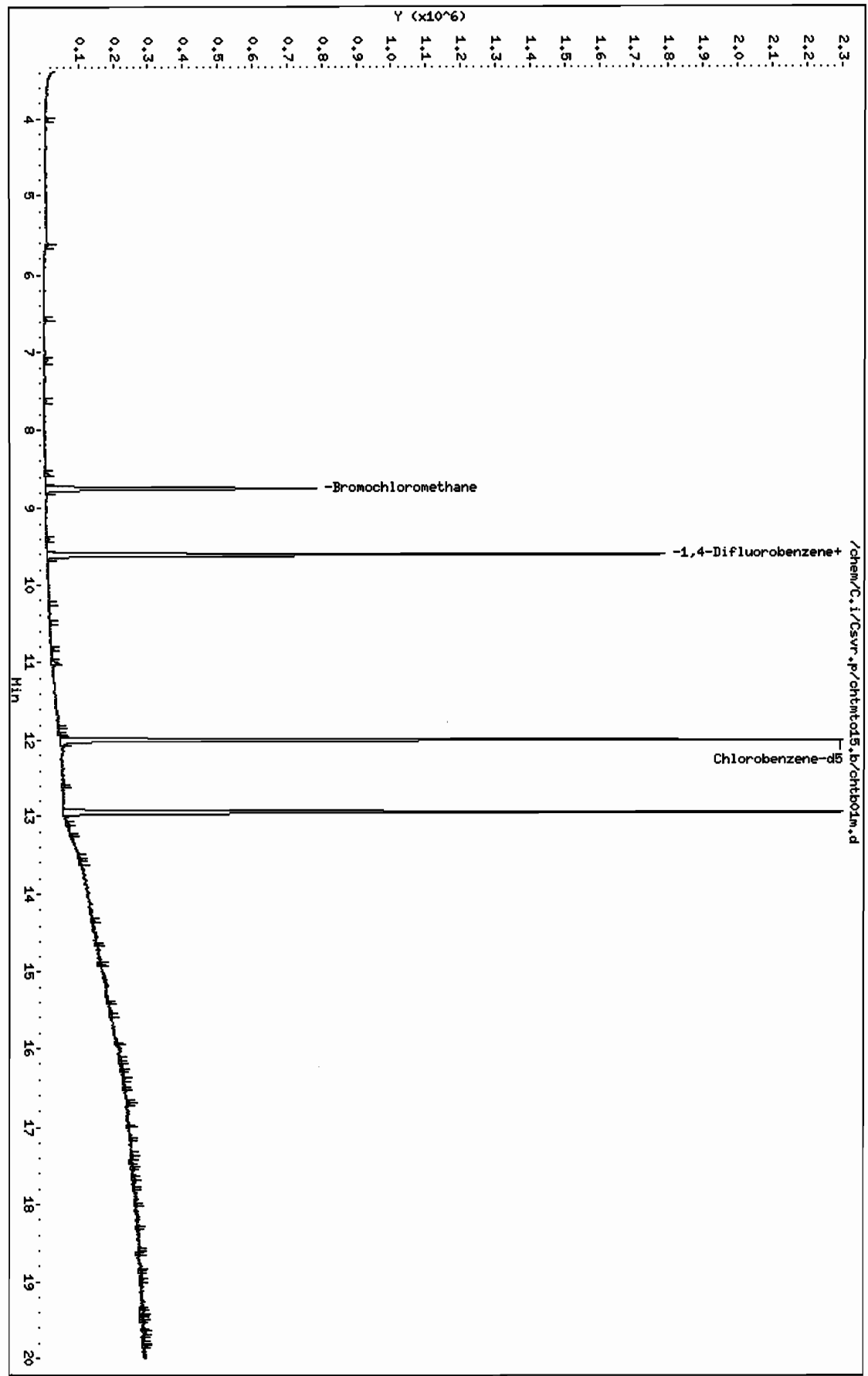
Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ppbv

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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.				

FORM I VOA-TIC

Data File: /chem/C.i/Csvr.p/chtmtd5,b/chtblm.d
Date: 30-MAR-2009 22:12
Client ID: HBLK033009CA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/chtb01m.d
 Lab Smp Id: MBLK033009CA Client Smp ID: MBLK033009CA
 Inj Date : 30-MAR-2009 22:12
 Operator : pad Inst ID: C.i
 Smp Info :
 Misc Info : MBLK033009CA;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 4 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85						
3 1,2-Dichlorotetrafluoroethane	85						
4 Chloromethane	50						
6 Vinyl Chloride	62						
7 1,3-Butadiene	54						
9 Bromomethane	94						
10 Chloroethane	64						
12 Bromoethene	106						
13 Trichlorofluoromethane	101						
17 Freon TF	101						
18 1,1-Dichloroethene	96						
19 Acetone	43						
20 Isopropyl Alcohol	45						
21 Carbon Disulfide	76						
22 3-Chloropropene	41						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
24 Methylene Chloride	49						
25 tert-Butyl Alcohol	59						
26 Methyl tert-Butyl Ether	73						
27 trans-1,2-Dichloroethene	61						
28 n-Hexane	57						
29 1,1-Dichloroethane	63						
30 Methyl Ethyl Ketone	72						
31 cis-1,2-Dichloroethene	96						
* 32 Bromochloromethane	128	8.749	8.765	(1.000)	219699	10.0000	(Q)
33 Tetrahydrofuran	42						
34 Chloroform	83						
35 1,1,1-Trichloroethane	97						
36 Cyclohexane	84						
37 Carbon Tetrachloride	117						
38 2,2,4-Trimethylpentane	57						
39 Benzene	78						
M 40 1,2-Dichloroethene (total)	61						
41 1,2-Dichloroethane	62						
42 n-Heptane	43						
* 43 1,4-Difluorobenzene	114	9.608	9.619	(1.000)	1383664	10.0000	
45 Trichloroethene	95						
47 1,2-Dichloropropane	63						
48 1,4-Dioxane	88						
50 Bromodichloromethane	83						
51 cis-1,3-Dichloropropene	75						
52 Methyl Isobutyl Ketone	43						
54 Toluene	92						
55 trans-1,3-Dichloropropene	75						
56 1,1,2-Trichloroethane	83						
57 Tetrachloroethene	166						
58 Methyl Butyl Ketone	43						
59 Dibromochloromethane	129						
60 1,2-Dibromoethane	107						
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1219077	10.0000	
62 Chlorobenzene	112						
63 Ethylbenzene	91						
64 Xylene (m,p)	106						
65 Xylene (o)	106						
66 Styrene	104						
67 Bromoform	173						
69 1,1,2,2-Tetrachloroethane	83						
M 70 Xylene (total)	106						
74 4-Ethyltoluene	105						
75 1,3,5-Trimethylbenzene	105						
76 2-Chlorotoluene	91						
79 1,2,4-Trimethylbenzene	105						
82 1,3-Dichlorobenzene	146						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	-----	-----	-----	-----	
83 1,4-Dichlorobenzene	146				Compound Not Detected.		
88 1,2-Dichlorobenzene	146				Compound Not Detected.		
90 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
91 Hexachlorobutadiene	225				Compound Not Detected.		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/C.i/Csvr.p/chtmt015.b/chtb01m.d
Report Date: 21-Apr-2009 21:20

Page 4

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/chtb01m.d
Lab Smp Id: MBLK033009CA Client Smp ID: MBLK033009CA
Inj Date : 30-MAR-2009 22:12
Operator : pad Inst ID: C.i
Smp Info :
Misc Info : MBLK033009CA;033009CA;1;200
Comment :
Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15ALL.sub
Target Version: 3.50
Processing Host: chemsvr6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA033009LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: CA033009LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CHT10MQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/30/09

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	9.4	
76-14-2	1,2-Dichlorotetrafluoroethane	9.6	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	9.9	
75-00-3	Chloroethane	10	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	9.7	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	11	
67-63-0	Isopropyl Alcohol	11	
75-15-0	Carbon Disulfide	11	
107-05-1	3-Chloropropene	11	
75-09-2	Methylene Chloride	10	
75-65-0	tert-Butyl Alcohol	11	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	11	
110-54-3	n-Hexane	11	
75-34-3	1,1-Dichloroethane	11	
78-93-3	Methyl Ethyl Ketone	10	
156-59-2	cis-1,2-Dichloroethene	11	
109-99-9	Tetrahydrofuran	10	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9.4	
110-82-7	Cyclohexane	11	
56-23-5	Carbon Tetrachloride	9.2	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	10	
540-59-0	1,2-Dichloroethene (total)	22	
107-06-2	1,2-Dichloroethane	9.8	
142-82-5	n-Heptane	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA033009LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: CA033009LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CHT10MQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/30/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

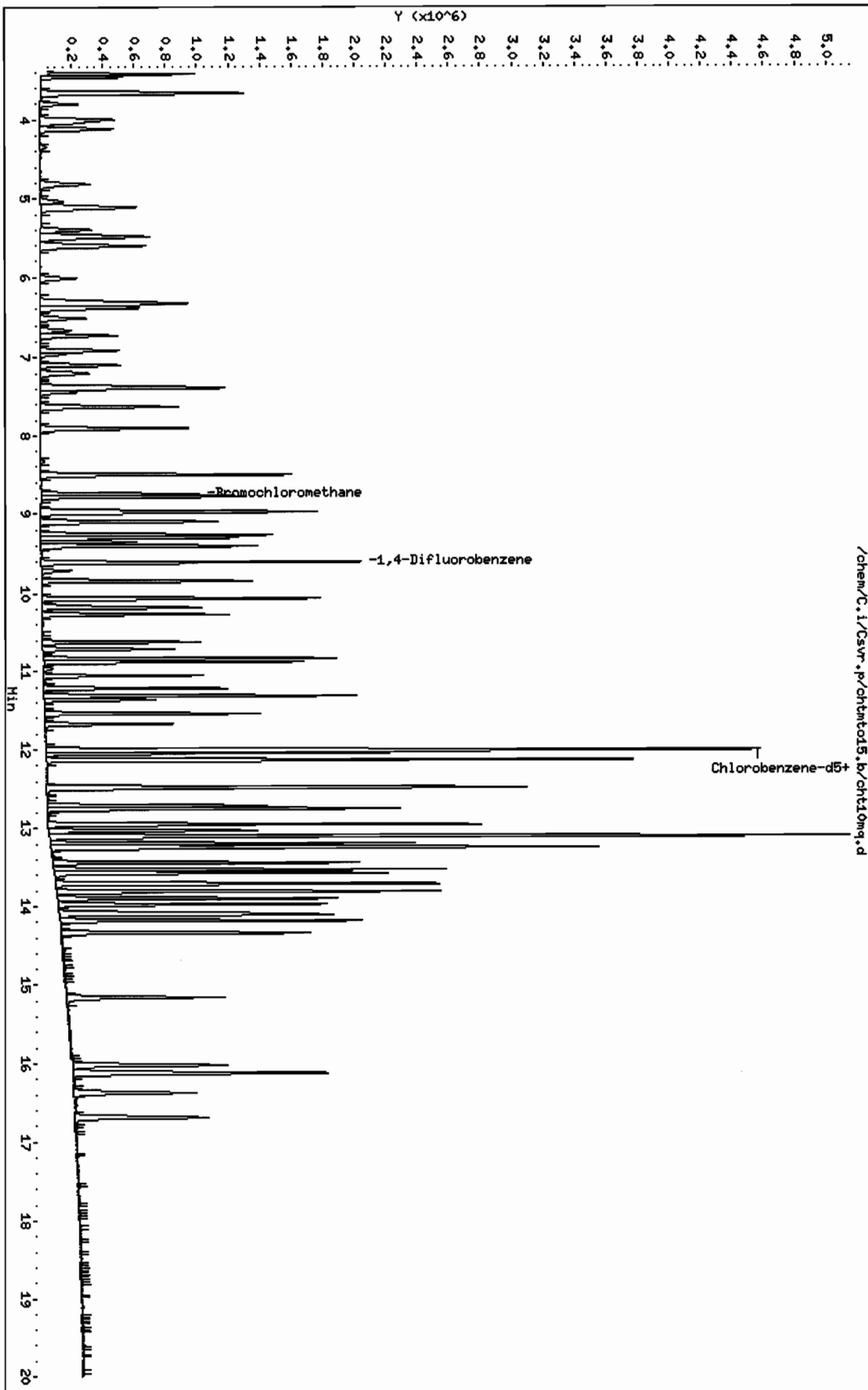
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	9.8	
123-91-1	1,4-Dioxane	10	
75-27-4	Bromodichloromethane	10	
10061-01-5	cis-1,3-Dichloropropene	9.7	
108-10-1	Methyl Isobutyl Ketone	10	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	9.7	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	9.9	
591-78-6	Methyl Butyl Ketone	11	
124-48-1	Dibromochloromethane	11	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	21	
95-47-6	Xylene (o)	11	
100-42-5	Styrene	11	
75-25-2	Bromoform	11	
79-34-5	1,1,2,2-Tetrachloroethane	11	
1330-20-7	Xylene (total)	33	
622-96-8	4-Ethyltoluene	12	
108-67-8	1,3,5-Trimethylbenzene	12	
95-49-8	2-Chlorotoluene	11	
95-63-6	1,2,4-Trimethylbenzene	11	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
95-50-1	1,2-Dichlorobenzene	10	
120-82-1	1,2,4-Trichlorobenzene	12	
87-68-3	Hexachlorobutadiene	8.8	

FORM I VOA

Data File: /chem/C.i/Csvr.p/ohntm015.br/oh10mq.d
Date: 30-HAR-2009 20:22
Client ID: CA033009LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/cht10mq.d
 Lab Smp Id: CA033009LCS Client Smp ID: CA033009LCS
 Inj Date : 30-MAR-2009 20:22
 Operator : pad Inst ID: C.i
 Smp Info :
 Misc Info : CA033009LCS;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/st015.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 2 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.422	3.433	(0.391)	951955	9.36119	9.4
3 1,2-Dichlorotetrafluoroethane	85	3.663	3.673	(0.419)	964597	9.63580	9.6
4 Chloromethane	50	3.801	3.812	(0.434)	304901	10.1831	10
6 Vinyl Chloride	62	4.041	4.052	(0.462)	347224	10.1387	10
7 1,3-Butadiene	54	4.116	4.132	(0.470)	264414	11.1363	11
9 Bromomethane	94	4.815	4.837	(0.550)	298944	9.91900	9.9
10 Chloroethane	64	5.034	5.056	(0.575)	181786	10.3865	10
12 Bromoethene	106	5.397	5.418	(0.617)	318760	10.4035	10
13 Trichlorofluoromethane	101	5.488	5.504	(0.627)	940074	9.70855	9.7
17 Freon TF	101	6.326	6.347	(0.723)	621874	11.7989	12
18 1,1-Dichloroethene	96	6.384	6.400	(0.730)	288438	11.9039	12
19 Acetone	43	6.512	6.534	(0.744)	462487	11.3905	11
20 Isopropyl Alcohol	45	6.662	6.689	(0.761)	294755	11.1907	11
21 Carbon Disulfide	76	6.726	6.742	(0.769)	822063	11.2765	11
22 3-Chloropropene	41	6.913	6.934	(0.790)	384317	11.0888	11

Compounds	QUANT SIG			CONCENTRATIONS			
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	=====	=====	-----	-----	-----
24 Methylene Chloride	49	7.094	7.116	(0.811)	348657	10.4594	10
25 tert-Butyl Alcohol	59	7.201	7.233	(0.823)	472049	10.9086	11
26 Methyl tert-Butyl Ether	73	7.377	7.398	(0.843)	832391	10.7465	11
27 trans-1,2-Dichloroethene	61	7.393	7.409	(0.845)	457514	10.6988	11
28 n-Hexane	57	7.628	7.644	(0.872)	465218	11.4403	11
29 1,1-Dichloroethane	63	7.911	7.927	(0.904)	561199	10.6756	11
30 Methyl Ethyl Ketone	72	8.503	8.525	(0.972)	121884	10.4208	10(Q)
31 cis-1,2-Dichloroethene	96	8.508	8.525	(0.973)	315937	10.8732	11
* 32 Bromochloromethane	128	8.749	8.765	(1.000)	252018	10.0000	
33 Tetrahydrofuran	42	8.775	8.791	(0.913)	287075	10.0859	10
34 Chloroform	83	8.781	8.797	(1.004)	664256	10.2678	10
35 1,1,1-Trichloroethane	97	8.967	8.983	(0.933)	728613	9.44906	9.4
36 Cyclohexane	84	8.983	8.999	(0.935)	439491	10.5359	11
37 Carbon Tetrachloride	117	9.101	9.117	(0.947)	744286	9.23271	9.2
38 2,2,4-Trimethylpentane	57	9.266	9.277	(0.964)	1464630	10.3700	10
39 Benzene	78	9.298	9.314	(0.968)	937765	10.4339	10
M 40 1,2-Dichloroethene (total)	61				773451	21.5720	22
41 1,2-Dichloroethane	62	9.346	9.362	(0.973)	511666	9.81221	9.8
42 n-Heptane	43	9.400	9.416	(0.978)	558369	10.3311	10
* 43 1,4-Difluorobenzene	114	9.608	9.619	(1.000)	1571959	10.0000	
45 Trichloroethene	95	9.837	9.853	(1.024)	422607	10.0155	10
47 1,2-Dichloropropane	63	10.067	10.078	(1.048)	321146	9.82941	9.8
48 1,4-Dioxane	88	10.147	10.168	(1.056)	100187	10.3745	10
50 Bromodichloromethane	83	10.264	10.275	(1.068)	753751	10.3602	10
51 cis-1,3-Dichloropropene	75	10.622	10.633	(1.106)	511643	9.69981	9.7
52 Methyl Isobutyl Ketone	43	10.707	10.729	(1.114)	549280	10.0684	10
54 Toluene	92	10.878	10.894	(0.907)	678050	10.7737	11
55 trans-1,3-Dichloropropene	75	11.054	11.065	(1.151)	501582	9.69053	9.7
56 1,1,2-Trichloroethane	83	11.214	11.230	(0.935)	288372	10.1922	10
57 Tetrachloroethene	166	11.316	11.326	(0.943)	610091	9.93577	9.9
58 Methyl Butyl Ketone	43	11.358	11.380	(0.947)	509768	11.0108	11
59 Dibromochloromethane	129	11.545	11.556	(0.962)	702691	10.6518	11
60 1,2-Dibromoethane	107	11.679	11.689	(0.973)	544910	10.1717	10
* 61 Chlorobenzene-d5	117	11.999	12.015	(1.000)	1378236	10.0000	
62 Chlorobenzene	112	12.025	12.036	(1.002)	897121	10.0529	10
63 Ethylbenzene	91	12.047	12.063	(1.004)	1396016	10.8087	11
64 Xylene (m,p)	106	12.138	12.148	(1.012)	1072507	21.4729	21
65 Xylene (o)	106	12.474	12.485	(1.040)	523297	10.6876	11
66 Styrene	104	12.484	12.495	(1.040)	785017	11.4284	11
67 Bromoform	173	12.709	12.725	(1.059)	683655	10.5741	11
69 1,1,1,2,2-Tetrachloroethane	83	13.023	13.040	(1.085)	698351	10.8040	11
M 70 Xylene (total)	106				1595804	32.5921	33
74 4-Ethyltoluene	105	13.189	13.205	(1.099)	1572477	11.5491	12
75 1,3,5-Trimethylbenzene	105	13.232	13.248	(1.103)	1368388	11.9087	12
76 2-Chlorotoluene	91	13.248	13.258	(1.104)	1340553	11.1233	11
79 1,2,4-Trimethylbenzene	105	13.573	13.584	(1.131)	1233335	11.3750	11
82 1,3-Dichlorobenzene	146	13.899	13.915	(1.158)	796330	10.4362	10

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
-----	----	==	-----	-----	-----	-----	-----
83 1,4-Dichlorobenzene	146	13.973	13.989	(1.165)	757419	10.3775	10
88 1,2-Dichlorobenzene	146	14.342	14.358	(1.195)	745924	10.0810	10
90 1,2,4-Trichlorobenzene	180	16.017	16.039	(1.335)	446780	11.9640	12
91 Hexachlorobutadiene	225	16.119	16.135	(1.343)	503839	8.80257	8.8

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA033009LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: CA033009LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CHT10MQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/30/09

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	9.3	
76-14-2	1,2-Dichlorotetrafluoroethan	9.6	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
106-99-0	1,3-Butadiene	11	
74-83-9	Bromomethane	9.8	
75-00-3	Chloroethane	10	
593-60-2	Bromoethene	10	
75-69-4	Trichlorofluoromethane	9.7	
76-13-1	Freon TF	12	
75-35-4	1,1-Dichloroethene	12	
67-64-1	Acetone	12	
67-63-0	Isopropyl Alcohol	11	
75-15-0	Carbon Disulfide	11	
107-05-1	3-Chloropropene	11	
75-09-2	Methylene Chloride	10	
75-65-0	tert-Butyl Alcohol	11	
1634-04-4	Methyl tert-Butyl Ether	11	
156-60-5	trans-1,2-Dichloroethene	11	
110-54-3	n-Hexane	11	
75-34-3	1,1-Dichloroethane	11	
78-93-3	Methyl Ethyl Ketone	11	
156-59-2	cis-1,2-Dichloroethene	11	
109-99-9	Tetrahydrofuran	10	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9.4	
110-82-7	Cyclohexane	11	
56-23-5	Carbon Tetrachloride	9.2	
540-84-1	2,2,4-Trimethylpentane	10	
71-43-2	Benzene	10	
540-59-0	1,2-Dichloroethene (total)	21	
107-06-2	1,2-Dichloroethane	9.9	
142-82-5	n-Heptane	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CA033009LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 29000

Lab Code: STLV Case No.: 29000 SAS No.: SDG No.: NY130926

Matrix: (soil/water) AIR Lab Sample ID: CA033009LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: CHT10MQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/30/09

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

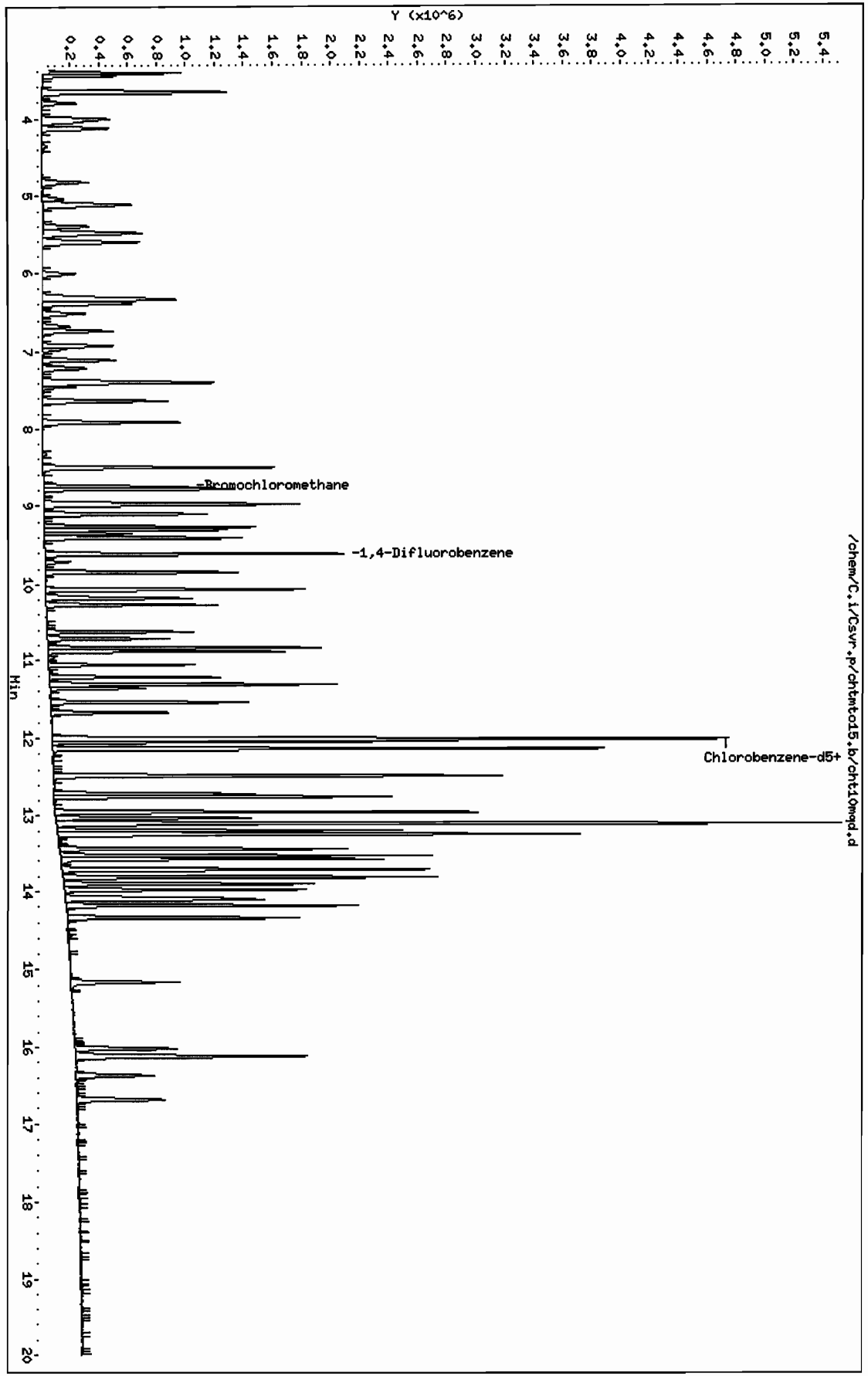
CONCENTRATION UNITS:
(ug/L or ug/Kg) PPBV

CAS NO.	COMPOUND	Q
79-01-6	Trichloroethene	9.9
78-87-5	1,2-Dichloropropane	9.8
123-91-1	1,4-Dioxane	10
75-27-4	Bromodichloromethane	10
10061-01-5	cis-1,3-Dichloropropene	9.8
108-10-1	Methyl Isobutyl Ketone	10
108-88-3	Toluene	10
10061-02-6	trans-1,3-Dichloropropene	9.7
79-00-5	1,1,2-Trichloroethane	10
127-18-4	Tetrachloroethene	9.6
591-78-6	Methyl Butyl Ketone	10
124-48-1	Dibromochloromethane	10
106-93-4	1,2-Dibromoethane	9.8
108-90-7	Chlorobenzene	9.7
100-41-4	Ethylbenzene	11
1330-20-7	Xylene (m,p)	21
95-47-6	Xylene (o)	10
100-42-5	Styrene	11
75-25-2	Bromoform	10
79-34-5	1,1,2,2-Tetrachloroethane	11
1330-20-7	Xylene (total)	32
622-96-8	4-Ethyltoluene	12
108-67-8	1,3,5-Trimethylbenzene	12
95-49-8	2-Chlorotoluene	11
95-63-6	1,2,4-Trimethylbenzene	11
541-73-1	1,3-Dichlorobenzene	9.9
106-46-7	1,4-Dichlorobenzene	9.7
95-50-1	1,2-Dichlorobenzene	9.8
120-82-1	1,2,4-Trichlorobenzene	8.5
87-68-3	Hexachlorobutadiene	8.5

FORM I VOA

Data File: /chem/C.1/Csvr.p/chtmt015.b/cht10mqd.d
Date: 30-MAR-2009 21:09
Client ID: CH033009LCS0
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

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



TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/chtmt015.b/cht10mqd.d
 Lab Smp Id: CA033009LCSD Client Smp ID: CA033009LCSD
 Inj Date : 30-MAR-2009 21:09
 Operator : pad Inst ID: C.i
 Smp Info :
 Misc Info : CA033009LCSD;033009CA;1;200
 Comment :
 Method : /chem/C.i/Csvr.p/chtmt015.b/sto15.m
 Meth Date : 21-Apr-2009 21:20 klp Quant Type: ISTD
 Cal Date : 17-MAR-2009 22:25 Cal File: cht40v.d
 Als bottle: 2 QC Sample: LCSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: TO15ALL.sub
 Target Version: 3.50
 Processing Host: chemsvr6

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

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)
1 Dichlorodifluoromethane	85	3.423	3.433	(0.391)	946152	9.31906	9.3
3 1,2-Dichlorotetrafluoroethane	85	3.663	3.673	(0.419)	955419	9.55944	9.6
4 Chloromethane	50	3.801	3.812	(0.434)	302792	10.1289	10
6 Vinyl Chloride	62	4.042	4.052	(0.462)	344265	10.0684	10
7 1,3-Butadiene	54	4.116	4.132	(0.470)	262866	11.0889	11
9 Bromomethane	94	4.815	4.837	(0.550)	296246	9.84527	9.8
10 Chloroethane	64	5.040	5.056	(0.576)	183416	10.4965	10
12 Bromoethene	106	5.403	5.418	(0.618)	315437	10.3116	10
13 Trichlorofluoromethane	101	5.488	5.504	(0.627)	934622	9.66774	9.7
17 Freon TF	101	6.331	6.347	(0.724)	612143	11.6330	12
18 1,1-Dichloroethene	96	6.385	6.400	(0.730)	280839	11.6089	12
19 Acetone	43	6.513	6.534	(0.744)	467979	11.5443	12
20 Isopropyl Alcohol	45	6.667	6.689	(0.762)	292686	11.1300	11
21 Carbon Disulfide	76	6.726	6.742	(0.769)	803829	11.0441	11
22 3-Chloropropene	41	6.913	6.934	(0.790)	396567	11.4607	11

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ppbv)	FINAL (ppbv)
24 Methylene Chloride		49	7.100	7.116	(0.812)	345928	10.3942	10
25 tert-Butyl Alcohol		59	7.206	7.233	(0.824)	461661	10.6857	11
26 Methyl tert-Butyl Ether		73	7.377	7.398	(0.843)	834210	10.7873	11
27 trans-1,2-Dichloroethene		61	7.393	7.409	(0.845)	454573	10.6471	11
28 n-Hexane		57	7.628	7.644	(0.872)	455627	11.2225	11
29 1,1-Dichloroethane		63	7.911	7.927	(0.904)	560969	10.6884	11
30 Methyl Ethyl Ketone		72	8.509	8.525	(0.973)	123728	10.5954	11
31 cis-1,2-Dichloroethene		96	8.509	8.525	(0.973)	313510	10.8070	11
* 32 Bromochloromethane		128	8.749	8.765	(1.000)	251614	10.0000	
33 Tetrahydrofuran		42	8.775	8.791	(0.913)	288838	10.1559	10
34 Chloroform		83	8.781	8.797	(1.004)	656190	10.1594	10
35 1,1,1-Trichloroethane		97	8.968	8.983	(0.933)	720419	9.35020	9.4
36 Cyclohexane		84	8.984	8.999	(0.935)	437867	10.5053	11
37 Carbon Tetrachloride		117	9.101	9.117	(0.947)	744368	9.24105	9.2
38 2,2,4-Trimethylpentane		57	9.266	9.277	(0.964)	1467028	10.3952	10
39 Benzene		78	9.298	9.314	(0.968)	921467	10.2607	10
M 40 1,2-Dichloroethene (total)		61				768083	21.4541	21
41 1,2-Dichloroethane		62	9.352	9.362	(0.973)	514593	9.87616	9.9
42 n-Heptane		43	9.400	9.416	(0.978)	561914	10.4049	10
* 43 1,4-Difluorobenzene		114	9.608	9.619	(1.000)	1570714	10.0000	
45 Trichloroethene		95	9.843	9.853	(1.024)	419330	9.94568	9.9
47 1,2-Dichloropropane		63	10.067	10.078	(1.048)	320137	9.80630	9.8
48 1,4-Dioxane		88	10.147	10.168	(1.056)	99815	10.3442	10
50 Bromodichloromethane		83	10.264	10.275	(1.068)	748230	10.2925	10
51 cis-1,3-Dichloropropene		75	10.622	10.633	(1.106)	516735	9.80411	9.8
52 Methyl Isobutyl Ketone		43	10.713	10.729	(1.115)	553925	10.1616	10
54 Toluene		92	10.878	10.894	(0.907)	664849	10.2381	10
55 trans-1,3-Dichloropropene		75	11.054	11.065	(1.151)	499314	9.65435	9.7
56 1,1,2-Trichloroethane		83	11.214	11.230	(0.935)	293130	10.0408	10
57 Tetrachloroethene		166	11.316	11.326	(0.943)	606192	9.56773	9.6
58 Methyl Butyl Ketone		43	11.358	11.380	(0.947)	487881	10.2130	10
59 Dibromochloromethane		129	11.540	11.556	(0.962)	700154	10.2859	10
60 1,2-Dibromoethane		107	11.679	11.689	(0.973)	543524	9.83288	9.8
* 61 Chlorobenzene-d5		117	11.999	12.015	(1.000)	1422105	10.0000	
62 Chlorobenzene		112	12.026	12.036	(1.002)	892413	9.69167	9.7
63 Ethylbenzene		91	12.047	12.063	(1.004)	1409031	10.5729	11
64 Xylene (m,p)		106	12.132	12.148	(1.011)	1083110	21.0162	21
65 Xylene (o)		106	12.474	12.485	(1.040)	528765	10.4662	10
66 Styrene		104	12.485	12.495	(1.040)	791247	11.1638	11
67 Bromoform		173	12.709	12.725	(1.059)	687332	10.3030	10
69 1,1,1,2,2-Tetrachloroethane		83	13.024	13.040	(1.085)	716040	10.7359	11
M 70 Xylene (total)		106				1611875	31.9048	32
74 4-Ethyltoluene		105	13.189	13.205	(1.099)	1641072	11.6811	12
75 1,3,5-Trimethylbenzene		105	13.232	13.248	(1.103)	1395462	11.7697	12
76 2-Chlorotoluene		91	13.248	13.258	(1.104)	1366770	10.9910	11
79 1,2,4-Trimethylbenzene		105	13.568	13.584	(1.131)	1281220	11.4521	11
82 1,3-Dichlorobenzene		146	13.899	13.915	(1.158)	776542	9.86296	9.9

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ppbv)	FINAL (ppbv)
83 1,4-Dichlorobenzene	146	13.974	13.989	(1.165)	731547	9.71387	9.7
88 1,2-Dichlorobenzene	146	14.336	14.358	(1.195)	746801	9.78154	9.8
90 1,2,4-Trichlorobenzene	180	16.018	16.039	(1.335)	325601	8.45008	8.5
91 Hexachlorobutadiene	225	16.119	16.135	(1.343)	504162	8.53650	8.5



Sample Preparation – TO-15 Volatile

TestAmerica Burlington - Manual Integration Summary
SDG: chtt015 Fraction: Volatile

==== Instrument C - No Manual Integrations =====

CM P 3/2/09

TestAmerica Burlington - Manual Integration Summary
 SDG: NY130926 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename	Manual Integration Flag	Analyst	Date-Time	Sign-Off
790551	0326H-FF-01N 3.428	SAMPLE Dichlorodifluoromethane	C	RTX-624	31-MAR-2009 11:41 M11 - Poor automated baseline	790551		klp	04/21/09 20:56	KIP 04/22/09
790552	0326H-FF-02N 3.428	SAMPLE Dichlorodifluoromethane	C	RTX-624	31-MAR-2009 12:27 M11 - Poor automated baseline	790552		klp	04/21/09 21:01	
790553	0326H-FF-03N 6.331	SAMPLE 1,1,2-Trichloro-1,2,2-trifluoroethane	C	RTX-624	31-MAR-2009 14:00 M11 - Poor automated baseline	790553		klp	04/21/09 21:06	

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
KOHAA	NY130926	130926	3/3/09	1710	29.2	22	64	JH
Sampling Information and Return Equipment Check						Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?						Y		
(2) Is the flow controller ID used for each canister recorded?						Y		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?							N	
If damage observed, list equipment IDs and describe condition:								
Post-Sampling Return Pressure Check								
Lab ID	Canister ID	Pressure ¹ ("Hg)	Anomaly ² (Y/N)	FC ID ³	FC Return (Y/N)	Can Cert Batch ID	Comments	
790547	4474	-1.7	N	4207	Y	4143 GDHS		
790548	2909	-2.8		3059		3622 CHSN		
790549	3416	-3.7		3060/3238		4143 GDHS		
790550	3150	-1.5		2811		4143 GDHS		
790551	3309	-2.7		2666/3479		3622 CHSN		
790552	4357	-3.4		3986		4143 GDHS		
790553	3228	-2.1		2803		3622 CHSN		
790554	3367	-2.7	✓	4516		3622 CHSN		

¹ Criteria: Return Pressure should be between -1 and -10 ("Hg)
² If return pressure is not within criteria, initiate anomaly report.
³ Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

GC/MS INSTRUMENT RUN LOG

Sequence	Standard Traceability	Instrument Information
Batch ID: CHT	ISTD Lot #: AT-02-01-20	Instrument ID: C
Test Method: TAS	CAL STD Lot # see comments	Instrument: 5973
ICAL Date: 3/12/09	ICV/LCS Lot # see comments	Column Type: RTX-624

Manager	Analyst
MTP	WRD
<i>Mark Phillips</i>	<i>Nicholas Restor</i>
<i>Mink Williams</i>	<i>MAB</i>

Injection Time	Lab ID / File Name	Sequence Information					Individual Sample Review					Comments / Standard Traceability
		Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.		
1616	CHT01PV		BFB	NA	NA	WRD	NA	✓	WRD			
1700	CHT001		NA		1	200		✓	NTR		AT02190903	
1741	CHT002V	3366	low 1		2			✓			↓ 02	
1838	CHT005V	3332	low 2		3			✓			AT02060908	
1919	CHT05V	3564	low 3/4		4			✓			AT02060909	
2006	CHT10V	2518	low 4/5		5			✓			AT02060903	
2052	CHT15V	3147	low 5/6		6			✓			AT02060902	
2139	CHT20V	2703	low 6/7		7			✓			AT02060901	
2225	CHT40V	3551	low 7/8		8			✓			AG AT02190907	
2312	CHT802	4633	NA	1	1			✓			AG AT02190908	
2400	CHT100	6732	LOW	1	1			✓			AG	
2448	CHT060	3344	L40	1	10			✓			AG	
0218	CHT003	4633	M9UC	1	1			✓			AT02190903	
0305	CHT009	3366	02RUC	1	2			✓			↓ 02	
0352	CHT005Q	3338	05RUC	1	3			✓			AT02060908	
0716	CHT05Q	3564	50RUC	1	4			✓			C	
0803	788141	4784	1305A0	10	1	20	NTR	✓			C	
0849	788482	4812	13063A	1	2	200		✓			C	
0936	788483	4743		1	3			✓			C	
1023	788484	307		1	4			✓			C	
1101	788485	4466		1	5			✓			C	
1155	2513	4136	NA	1	6			✓			C	
1242	4155	HA		1	12	500		✓			C	
1328	CHT10V2	2518	HA	0.1	11	500		✓			AG NJ	
	CHT10V2		WV5	NA	7	200		✓				
					7			✓				

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

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NR-FAI020:05.23.08:4
America



Sample Handling

2B 00

FedEx® US Airbill
Express

FedEx Tracking Number
8660 2406 9543

1 From This portion can be removed for Recipient's records.

Date _____ FedEx Tracking Number 866024069543

Sender's Name _____ Phone _____

Company _____

Address _____

City _____ State NY ZIP 05407

Dup./Recy./Sales/Room _____

2 Your Internal Billing Reference 11747700001

3 To Recipient's Name _____

Company _____

Address _____

City Burlington State VT ZIP 05403

Dup./Recy./Sales/Room _____



4a Express Package Service

FedEx Priority Overnight
Next business morning, * Friday
Shipments to be delivered on Monday
if no business day. * Saturday
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

FedEx 2Day
Next business day, * Thursday
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

FedEx Express Saver
Second business day, * Thursday
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

FedEx Standard Overnight
Next business afternoon, * Saturday
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

FedEx First Overnight
Earliest next business morning
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

FedEx 3Day Freight
Third business day, * Thursday
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

*** To most locations**

4b Express Freight Service

FedEx 1Day Freight*
Next business day, * Friday, Monday
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.

FedEx 3Day Freight
Third business day, * Thursday
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

*** Call for Confirmation**

*** To most locations**

5 Packaging

FedEx Envelope*

FedEx Pak*
Includes FedEx Small Pak,
FedEx Large Pak, and FedEx Sundry Pak.

FedEx Box

FedEx Tube

Other
* Declared value limit \$500

6 Special Handling

SATURDAY Delivery
Not available for
FedEx First Overnight, FedEx Express
Saver, or FedEx 2Day Freight.
Does this shipment contain dangerous goods?
One box must be checked.

No Yes

Include FedEx address in Section 3.

HOLD Weekday at FedEx Location
Not available for
FedEx First Overnight, FedEx Express
Saver, or FedEx 2Day Freight.

HOLD Saturday at FedEx Location
Not available for
FedEx First Overnight, FedEx Express
Saver, or FedEx 2Day Freight.

Dry Ice
Dry Ice 3.0 Lb. Max x kg

Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below

Shipper's Section Recipient Third Party Credit Card Cash/Check

I will be billed.

Total Packages _____ **Total Weight** _____

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.
Your facility is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details.
Credit Card Auth. _____

No Signature Required
Signature at recipient's address is not required for delivery. Fee applies.

Direct Signature
Signature at recipient's address is required for delivery. Fee applies.

Indirect Signature
Signature at recipient's address is not required for delivery. Fee applies.

Rev. Date 10/06/01 #192378-01984-2006 FedEx-PRINTED IN U.S.A.-SIS



TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: ROHHAA	Date Received: 3/28/09	Log In Date: 03/30/09
ETP: 130926	Time Received: 0940	By: VP
SDG: NY130926	Received By: VP	Signature: [Signature]
Project: 29000	# Coolers Received: 2 boxes	PM Signature: [Signature]
Samples Delivered By: <input checked="" type="checkbox"/> Shipping Service <input type="checkbox"/> Courier <input type="checkbox"/> Hand <input type="checkbox"/> Other (specify)		Date: 4/5/09
List Air Bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is no evidence to indicate tampering	<input checked="" type="checkbox"/>			
Custody seals are present and intact	<input checked="" type="checkbox"/>			
Custody seal numbers are present		<input checked="" type="checkbox"/>		

If yes, list custody seal numbers:

Thermal Preservation Type: Wet Ice Blue Ice None Other (specify)

IR Gun ID: **96°** Correction Factor (CF) = **-2°** °C

Cooler 1: Air °C	Cooler 6 °C	Cooler 11 °C	Cooler 16 °C
Cooler 2: °C	Cooler 7 °C	Cooler 12 °C	Cooler 17 °C
Cooler 3: °C	Cooler 8 °C	Cooler 13 °C	Cooler 18 °C
Cooler 4: °C	Cooler 9 °C	Cooler 14 °C	Cooler 19 °C
Cooler 5: °C	Cooler 10 °C	Cooler 15 °C	Cooler 20 °C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	<input checked="" type="checkbox"/>			
Legible sample labels are affixed to each container	<input checked="" type="checkbox"/>			

CHAIN OF CUSTODY (COC) YES NO NA COMMENTS

COC is present and includes the following information for each container:

• Sample ID / Sample Description	<input checked="" type="checkbox"/>			
• Date of Sample Collection	<input checked="" type="checkbox"/>			
• Time of Sample Collection	<input checked="" type="checkbox"/>			
• Identification of the Sampler	<input checked="" type="checkbox"/>			
• Preservation Type			<input checked="" type="checkbox"/>	Ambient
• Requested Tests Method(s)	<input checked="" type="checkbox"/>			
• Necessary Signatures		<input checked="" type="checkbox"/>		
Internal Chain of Custody (ICOC) Required		<input checked="" type="checkbox"/>		
If yes to above, ICOC Record initiated for every Worksheet			<input checked="" type="checkbox"/>	

SAMPLE INTEGRITY/USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	<input checked="" type="checkbox"/>			
Appropriate sample containers were received for the tests requested	<input checked="" type="checkbox"/>			
Samples were received within holding time	<input checked="" type="checkbox"/>			
Sufficient amount of sample is provided for requested analyses	<input checked="" type="checkbox"/>			
VDA vials do not have headspace or a bubble >5mm (1/4" diameter)			<input checked="" type="checkbox"/>	
Appropriate preservatives were used for the tests requested			<input checked="" type="checkbox"/>	
pH of inorganic samples checked and is within method specification			<input checked="" type="checkbox"/>	
If no, attach Inorganic Sample pH Adjustment Form			<input checked="" type="checkbox"/>	

ANOMALY/NCR SUMMARY

The samples were not relinquished. Sample id tags list start times at collection used end times listed on coc for log-in. Sample 20090326H-FF-0N1 did not have a end time of collection listed on coc used start time for log-in.